



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

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

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

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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 6 Jul 2021 .

(71) AEM Cores Pty Ltd (21) 2021902005 (22) 01.07.2021 (54) APPARATUS FOR PRODUCING LAMINATIONS FOR A LAMINATED CORE FOR A TRANSFORMER	(71) Avanti Materials Ltd (21) 2021902087 (22) 08.07.2021 (54) Recovery of Vanadium from Alkaline Slag Materials	(71) Chester, R.; Ostrun, N. (21) 2021902046 (22) 05.07.2021 (54) Awning Support and Bracket for hard lid equipped, 2 door utes
(71) AEM Cores Pty Ltd (21) 2021902006 (22) 01.07.2021 (54) APPARATUS FOR ASSEMBLING A TRANSFORMER CORE	(71) Big Picture Aesthetics Pty Ltd (21) 2021902097 (22) 09.07.2021 (54) SPRAY CAN NOZZLE ACTUATOR	(71) ClariqAir Pty Ltd (21) 2021902056 (22) 06.07.2021 (54) Method and apparatus for the generation of hydroxyl radicals
(71) Animal Control Technologies (Australia) Pty Ltd (21) 2021902070 (22) 07.07.2021 (54) HYGROSCOPIC SALT MICROENCAPSULATION, AND USES THEREOF-II	(71) Bovino-Panetta, T. (21) 2021902079 (22) 08.07.2021 (54) Sport Laces Straps	(71) Cognition Engines Pty Ltd (21) 2021902089 (22) 08.07.2021 (54) Cognitive Engine
(71) Australian Coil Services Pty Ltd (21) 2021902047 (22) 06.07.2021 (54) A method for performing chemical treatments in wellbores	(71) Breathe Life Sciences Pty Ltd (21) 2021902065 (22) 07.07.2021 (54) A COMPOSITION AND APPLICATION THEREOF	(71) CRPS Solutions Pty Ltd (21) 2021902008 (22) 01.07.2021 (54) Nerve stimulation system
(71) Australian Institute of Robotic Orthopaedics Pty Ltd (21) 2021902093 (22) 08.07.2021 (54) ROBOT-ASSISTED LASER OSTEOTOMY	(71) Buildsafe Equipment Sales Pty Ltd (21) 2021902032 (22) 05.07.2021 (54) Improvements in Relation to Void Covers	(71) CRUSTEASY PTY LTD (21) 2021902034 (22) 05.07.2021 (54) SANDWICH CUTTER AND PRESS
(71) Avanti Materials Ltd (21) 2021902081 (22) 08.07.2021 (54) Recovery of Vanadium from Leach Residues	(71) Byron Bioreactor Technologies Pty Ltd (21) 2021902035 (22) 05.07.2021 (54) APPARATUS AND METHOD FOR GROWING BIOLOGICAL MATERIAL	(71) C Sea Solutions Pty Ltd (21) 2021902068 (22) 07.07.2021 (54) Seawater-based Process to Produce Polyhydroxyalkanoates from Seaweed
(71) Avanti Materials Ltd (21) 2021902085 (22) 08.07.2021 (54) Recovery of Vanadium from Leach Residues Using Combined Hydrometallurgical and Pyrometallurgical Process	(71) Calix Ltd (21) 2021902040 (22) 05.07.2021 (54) PROCESSES AND METHODS OF CALCINATION	(71) Cunningham, S. (21) 2021902022 (22) 03.07.2021 (54) Frequency Multiplexed Active Tap
(71) Checkme IP Pty Ltd (21) 2021902036 (22) 05.07.2021 (54) A URINAL MAT	(71) CARDIOBIONIC PTY LTD (21) 2021902073 (22) 07.07.2021 (54) Blood Pump with Magnetic Impeller Suspension	(71) Custom Foot Inserts Pty Ltd (21) 2021902066 (22) 07.07.2021 (54) Foot Orthotics & Method of Prescribing Same
		(71) CVG Developments Pty Ltd (21) 2021902049 (22) 06.07.2021 (54) Gas Bottle Housing

Provisional Applications Filed - Name Index cont'd

(71) Day, T.
(21) 2021902098 (22) 09.07.2021
(54) SBV PUMP

(71) Day, T.
(21) 2021902099 (22) 09.07.2021
(54) TURBINE IMPELLER

(71) Deakin University
(21) 2021902103 (22) 09.07.2021
(54) Carbon fibre manufacturing

(71) Ecoganic Pty Ltd
(21) 2021902071 (22) 07.07.2021
(54) A disease resistant crop plant and method of generation thereof

(71) Ensign Marine Technology Pty Ltd
(21) 2021902018 (22) 02.07.2021
(54) Underwater cleaning apparatus and system

(71) Fortescue Metals Group Ltd
(21) 2021902059 (22) 06.07.2021
(54) Railway Booster Car

(71) Goldberg, B.
(21) 2021902076 (22) 07.07.2021
(54) Integrated OutSole

(71) GrainCorp Limited
(21) 2021902027 (22) 05.07.2021
(54) Crumble feed formulation for ruminant animals and method for preparing said crumble feed formulation

(71) Growplay Pty Ltd
(21) 2021902021 (22) 03.07.2021
(54) PLAYGROUND APPARATUS

(71) Harrison, D.
(21) 2021902086 (22) 08.07.2021
(54) All Terrain Smoking Device

(71) Hazer Group Limited
(21) 2021902048 (22) 06.07.2021
(54) A process for the purification of graphitic material

(71) Hearables 3D Pty Ltd
(21) 2021902067 (22) 07.07.2021
(54) Method, Program, and System for 3D Scanning

(71) HENDON SEMICONDUCTORS PTY LTD
(21) 2021902013 (22) 02.07.2021
(54) A TWO-WIRE TRAILING EDGE DIMMER CIRCUIT ARRANGEMENT

(71) Hildreth, M.
(21) 2021902051 (22) 06.07.2021
(54) Utility Vehicle Tie Rail

(71) HiPurA Pty Ltd
(21) 2021902044 (22) 05.07.2021
(54) Process for producing high purity aluminium materials

(71) HITIQ LIMITED
(21) 2021902060 (22) 06.07.2021
(54) DYNAMIC VARIABILITY OF HEAD IMPACT DATA RECORDAL VIA INSTRUMENTED MOUTHGUARD DEVICES

(71) HITIQ LIMITED
(21) 2021902061 (22) 06.07.2021
(54) DYNAMIC VARIABILITY OF HEAD IMPACT DATA RECORDAL VIA INSTRUMENTED MOUTHGUARD DEVICES

(71) HITIQ LIMITED
(21) 2021902062 (22) 06.07.2021
(54) HEAD INJURY ASSESSMENT BASED ON COMBINATIONS OF BIOMARKERS, COGNITIVE ASSESSMENT AND/OR IMPACT DETECTION

(71) Horstman, S.
(21) 2021902075 (22) 07.07.2021
(54) Fully automated dog parking pods

(71) IQM Systems Pty Ltd
(21) 2021902054 (22) 06.07.2021
(54) Scaffold safety device and monitoring system

(71) King, P.
(21) 2021902023 (22) 04.07.2021
(54) A rotary engine with two or three chambers based on the Szorenyi Curve which can be internally air cooled.

(71) Lampard, R.
(21) 2021902063 (22) 06.07.2021
(54) SONIC PLASMA ENHANCED COMBUSTION CYCLE MODIFICATIONS TO SUIT OPERATION ON HYDROGEN

(71) Lampard, R.
(21) 2021902064 (22) 06.07.2021
(54) SONIC PLASMA ENHANCED COMBUSTION CYCLE MODIFICATIONS TO SUIT OPERATION ON AMMONIA

(71) Levin Health Limited
(21) 2021902029 (22) 05.07.2021
(54) Cannabinoid composition

(71) LEWIS WOOLCOTT PTY LTD
(21) 2021902095 (22) 09.07.2021
(54) PROJECT SCHEDULE ANALYSIS TOOL

(71) LSM Technologies Pty Ltd
(21) 2021902058 (22) 06.07.2021
(54) Device, system and method for the addition, configuration and operation of one or more after-market vehicle safety systems to a vehicle.

(71) Maiwala, D.
(21) 2021902026 (22) 04.07.2021
(54) An innovative way of displaying medication information to understand active ingredient prescribing

(71) MBGSHOLDINGS PTY LTD T/A MB GROUP SOLUTIONS
(21) 2021902052 (22) 06.07.2021
(54) REFRIGERATION SYSTEM AND METHOD

(71) McInnes, G.
(21) 2021902004 (22) 01.07.2021
(54) Method of manufacture panels

(71) McPhee, J.
(21) 2021902033 (22) 05.07.2021
(54) PLAYMAKERS CHALLENGE

(71) MINDSETS LEARNING PTY LTD
(21) 2021901976 (22) 30.06.2021
(54) A SYSTEM, METHOD AND ALGORITHMS FOR MEASURING EXECUTIVE FUNCTION AND SOCIAL EMOTIONAL LEARNING (SEL) IN K12 STUDENTS AND IMPROVING LEARNING OUTCOMES, IN PARTICULAR, MATH OUTCOMES

(71) MINDSETS LEARNING PTY LTD
(21) 2021901977 (22) 30.06.2021
(54) A SYSTEM AND ALGORITHMS FOR MEASURING K12 STUDENT ENGAGEMENT, MATHEMATICAL SKILLS AND PERFORMANCE IN INQUIRY BASED CHALLENGES

(71) Moma Products Pty Ltd
(21) 2021902078 (22) 08.07.2021
(54) Streetlight

(71) Murphy, D.
(21) 2021902025 (22) 04.07.2021
(54) Installation, apparatus, and method for treating putrescible organic matter.

Provisional Applications Filed - Name Index cont'd

(71) Nano Frontier Technology Co., Ltd.;
THE AUSTRALIAN NATIONAL UNI-
VERSITY; Shinshu University
(21) 2021902084 (22) 08.07.2021
(54) IMPROVEMENTS TO LIGHT AB-
SORBING SURFACES

(71) NARSIMHAN, J.
(21) 2021902009 (22) 01.07.2021
(54) WAVE ENERGY HARVESTER

(71) Natural Nanotech Pty Ltd
(21) 2021902019 (22) 02.07.2021
(54) HALLOYSITE-KAOLIN DERIVATISED
NANOPOROUS CARBON MATERI-
ALS AND PREPARATION AND USES
THEREOF

(71) NNAK Pty Ltd
(21) 2021902017 (22) 02.07.2021
(54) Systems and methods for interacting
with a user interface of an electronic
device

(71) Norton, M.
(21) 2021902083 (22) 08.07.2021
(54) The Impact Gun Driver Hybrid Die
Grinder Bit Tool Accessory Range In-
vention

(71) OFB Corporation Pty Ltd
(21) 2021902015 (22) 02.07.2021
(54) Improved soil stabilizing composition

Ostrun, N. see Chester, R.
(21) 2021902046

(71) Pantin, C.
(21) 2021902037 (22) 05.07.2021
(54) Splint for Mandibular Advancement and
the Like

(71) Pearson, F.; ROWNEY, R.
(21) 2021902104 (22) 09.07.2021
(54) CARPET STRETCHING TOOL WITH
INTEGRAL POWERED STROKE AC-
TUATOR

(71) PMC Designs Australia Pty Ltd
(21) 2021902080 (22) 08.07.2021
(54) Wheel Cleaner

(71) POWER RESEARCH AND DEVELOP-
MENT PTY LTD
(21) 2021902090 (22) 08.07.2021
(54) System for modulate distribution scale
pumped hydro energy storage

(71) POWER RESEARCH AND DEVELOP-
MENT PTY LTD
(21) 2021902091 (22) 08.07.2021
(54) Earth walled pumped hydro reservoirs

(71) POWER RESEARCH AND DEVELOP-
MENT PTY LTD
(21) 2021902092 (22) 08.07.2021
(54) Valveless pumped hydro reservoir in-
let/outlet

(71) Prism Neuro Pty Ltd
(21) 2021902011 (22) 01.07.2021
(54) A System, Apparatus and Method for
Enhancing Human Sensorimotor Ability

(71) Process Development Centre Pty Ltd
(21) 2021902020 (22) 02.07.2021
(54) SLURRY DISPERSAL SYSTEM FOR A
THICKENER OR LIKE APPARATUS

(71) Prosecur SPV 1 Pty Limited
(21) 2021902055 (22) 06.07.2021
(54) Facilitation of Real Time Deposits and
Withdrawals Across Multibank Net-
works

(71) Rajendran, A.
(21) 2021902024 (22) 04.07.2021
(54) FULLY AUTOMATIC CAR UMBRELLA

(71) ResMed Pty Ltd
(21) 2021902102 (22) 09.07.2021
(54) A GAS FLOW CONTROL STRUC-
TURE FOR A RESPIRATORY THER-
APY SYSTEM

(71) Respiramusica Pty Ltd
(21) 2021902074 (22) 07.07.2021
(54) Sensory Aid To Muscle Training

(71) RICHARDSON, R.B.
(21) 2021902088 (22) 08.07.2021
(54) System and Method for Secure Storage

(71) Rose, A.
(21) 2021902045 (22) 05.07.2021
(54) A PORTABLE DE-SPOOLING APPAR-
ATUS

ROWNEY, R. see Pearson, F.
(21) 2021902104

(71) Safi Industries Pty Ltd
(21) 2021902077 (22) 07.07.2021
(54) SI-211

(71) Saluda Medical Pty Limited
(21) 2021902010 (22) 01.07.2021
(54) Cartesian feedback loop control of
neuromodulation device

(71) Scullion, M.
(21) 2021902038 (22) 05.07.2021
(54) Invariant Spatial Frequency 3D

**Shinshu University see Nano Frontier
Technology Co., Ltd.**
(21) 2021902084

(71) Slip IP Holdings Pty Ltd
(21) 2021902041 (22) 05.07.2021
(54) A Mask

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(21) 2021902084

(71) Thermaguard Pty Ltd
(21) 2021902014 (22) 02.07.2021
(54) System and method for securing radi-
ant heat shields

(71) The University of Melbourne
(21) 2021902082 (22) 08.07.2021
(54) HYDROGEN PRODUCTION FROM
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(71) The University of Sydney
(21) 2021902030 (22) 05.07.2021
(54) Catalyst

(71) The University of Sydney
(21) 2021902031 (22) 05.07.2021
(54) Lithium sulfur battery additive

(71) The University of Western Australia;
Western Australian Agriculture Authority
(21) 2021902007 (22) 01.07.2021
(54) Fish Feed Additives

(71) The University of Western Australia
(21) 2021902012 (22) 01.07.2021
(54) METHOD AND SYSTEM FOR AS-
SESSING STRUCTURAL INTEGRITY
OF EXPANDABLE STRUCTURES

(71) Traffic Tech Pty Ltd
(21) 2021902101 (22) 09.07.2021
(54) Boom Gate

(71) UltraCut Industries Pty Ltd
(21) 2021902042 (22) 05.07.2021
(54) Material Welder and method of welding

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(71) University of Canberra
 (21) 2021902069 (22) 07.07.2021
 (54) Methods of treatment and inhibition

(71) US Nano Food & Drug, Inc
 (21) 2021902100 (22) 09.07.2021
 (54) Weakly Effervescent Disintegrating Formulations

(71) VICK, W.
 (21) 2021902057 (22) 06.07.2021
 (54) Roof rack support

(71) Wah, S.
 (21) 2021902028 (22) 05.07.2021
 (54) Frame for a modular building and building

(71) WANIGRATNE, B.
 (21) 2021902043 (22) 05.07.2021
 (54) Storage System

(71) Wayout
 (21) 2021902072 (22) 07.07.2021
 (54) Wayout Application

Western Australian Agriculture Authority
see The University of Western Australia
 (21) 2021902007

(71) Xsights Digital Pty Ltd
 (21) 2021902050 (22) 06.07.2021
 (54) A monitoring device for an animal

(71) Yeung, S.
 (21) 2021902039 (22) 05.07.2021
 (54) Robotic Titanium Nitride Saw Blade

Yin, Y. see Yin, Q.
 (21) 2021902016

(71) Yin, Q.; Yin, Y.
 (21) 2021902016 (22) 02.07.2021
 (54) Telomerase Balancer

(71) Zebaze, R.
 (21) 2021902053 (22) 06.07.2021
 (54) METHOD AND APPARATUS FOR MEASURING THE ALIGNMENTS BETWEEN MATERIALS

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2021901976	MINDSETS LEARNING PTY LTD	2021902068	C Sea Solutions Pty Ltd
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2021902004	McInnes, G.	2021902070	Animal Control Technologies (Australia) Pty Ltd
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2021902008	CRPS Solutions Pty Ltd	2021902074	Respiramusica Pty Ltd
2021902009	NARSIMHAN, J.	2021902075	Horstman, S.
2021902010	Saluda Medical Pty Limited	2021902076	Goldberg, B.
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2021902015	OFB Corporation Pty Ltd	2021902081	Avanti Materials Ltd
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2021902017	NNAK Pty Ltd	2021902083	Norton, M.
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2021902046	Chester, R.; Ostrun, N.		
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2021902067	Hearables 3D Pty Ltd		

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Applications listed below were processed through the Patent Office Canberra during the period ending 6 Jul 2021 .

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

<hr/> <p>(71) 4D Pharma Research Limited (21) 2021204337 (22) 25.06.2021 (54) Compositions comprising bacterial strains (62) 2019294284</p> <hr/> <p>(71) 4D Pharma Research Limited (21) 2021204486 (22) 29.06.2021 (54) Compositions comprising bacterial strains (62) 2020244599</p> <hr/> <p>(71) AARBAKKE INNOVATION AS (21) 2021204357 (22) 25.06.2021 (54) METHOD FOR SEPARATING NESTED WELL TUBULARS IN GRAVITY CONTACT WITH EACH OTHER (31) 63/044,929 (32) 26.06.20 (33) US</p> <hr/> <p>(71) Abiomed, Inc. (21) 2021204533 (22) 30.06.2021 (54) Dual lumen sheath for arterial access (62) 2016308193</p> <hr/> <p>(71) Abra Aluminium Pty Ltd (21) 2021204363 (22) 25.06.2021 (54) Screen frame element (31) 2021900467 (32) 22.02.21 (33) AU</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2021204470 (22) 29.06.2021 (54) BENEFIT SURRENDER PREDICTION (31) 16/915,708 (32) 29.06.20 (33) US</p> <hr/> <p>(71) Aerovironment, Inc. (21) 2021204358 (22) 25.06.2021 (54) UAV having hermetically sealed modularized compartments and fluid drain ports (62) 2019201561</p> <hr/> <p>(71) Aflux B.V. (21) 2021204352 (22) 25.06.2021 (54) Adjustable VESA monitor mount (31) 2026929 (32) 19.11.20 (33) NL 2027784 19.03.21 NL</p> <hr/> <p>(71) AgeneBio, Inc. (21) 2021204465 (22) 29.06.2021</p>	<p>(54) Extended release pharmaceutical compositions of levetiracetam (62) 2016268096</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2021204336 (22) 25.06.2021 (54) Ketoheokinase (KHK) iRNA compositions and methods of use thereof (62) 2015217301</p> <hr/> <p>(71) Al Rekabi, H. (21) 2021204414 (22) 28.06.2021 (54) GREENER SAFER GARBAGE BAGS (31) 2021901698 (32) 08.06.21 (33) AU</p> <hr/> <p>(71) Al Rekabi, H. (21) 2021204457 (22) 29.06.2021 (54) New Toilet Seat Basin (31) 2021901741 (32) 10.06.21 (33) AU</p> <hr/> <p>(71) AMTAC PROFESSIONAL SERVICES PTY LTD (21) 2021204519 (22) 30.06.2021 (54) METHOD AND SYSTEM FOR LOGGING AND LOCATING FIELD ASSETS (62) 2016201542</p> <hr/> <p>(71) AMVAC Hong Kong Limited (21) 2021204466 (22) 29.06.2021 (54) Container system for transporting and dispensing agricultural products (62) 2019329794</p> <hr/> <p>(71) Apple Inc. (21) 2021204422 (22) 28.06.2021 (54) Displaying a scrollable list of affordances associated with physical activities (62) 2021200787</p> <hr/> <p>(71) Apple Inc. (21) 2021204454 (22) 29.06.2021 (54) Methods and interfaces for home media control (62) 2021203669</p> <hr/> <p>(71) Apple Inc. (21) 2021204526 (22) 30.06.2021 (54) Spatial management of audio (62) 2019350584</p>	<p>(71) Aristocrat Technologies, Inc. (21) 2021204553 (22) 30.06.2021 (54) REPEAT ACCRUAL METER MECHANIC FOR A RANDOM BASED GAME OUTCOME (31) 16/918,916 (32) 01.07.20 (33) US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2021204367 (22) 25.06.2021 (54) A GAMING SYSTEM AND A METHOD OF GAMING (62) 2019203390</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2021204417 (22) 28.06.2021 (54) GAMING DEVICE WITH MULTIPLE TRIGGERABLE RESPIN FEATURES (62) 2020239629</p> <hr/> <p>(71) Armery Medical Technologies Inc. (21) 2021204290 (22) 24.06.2021 (54) Apparatus for shielding radiation (31) 62/705,391 (32) 25.06.20 (33) US</p> <hr/> <p>(71) Arrowhead Pharmaceuticals, Inc. (21) 2021204399 (22) 28.06.2021 (54) Compositions and methods for inhibiting gene expression of alpha-1 antitrypsin (62) 2015277376</p> <hr/> <p>(71) Aruze Gaming America, Inc. (21) 2021204552 (22) 30.06.2021 (54) Hybrid casino dice game (62) 2018260722</p> <hr/> <p>(71) Asbestos Reports Australia Pty Limited (21) 2021204427 (22) 29.06.2021 (54) DATA INTEGRITY MANAGEMENT IN A COMPUTER NETWORK (31) 2020902523 (32) 21.07.20 (33) AU</p> <hr/> <p>(71) AsedaSciences AG; Rajwa, B.; Shankey, V. (21) 2021204419 (22) 28.06.2021 (54) Identification of functional cell states (62) 2015206520</p> <hr/> <p>(71) Atlanta S.p.A. (21) 2021204452 (22) 29.06.2021</p>
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(54) EQUIPMENT AND METHOD FOR AUTOMATICALLY WRAPPING A FILM AROUND AN OBJECT
(31) 10202000017749 (32) 22.07.20 (33) IT

(71) BASF Agricultural Solutions Seed US LLC
(21) 2021204531 (22) 30.06.2021
(54) Canola hybrid variety AN20LT001

(71) BASF Agricultural Solutions Seed US LLC
(21) 2021204536 (22) 30.06.2021
(54) Canola hybrid variety AN20LR005

(71) BASF Plant Science Company GmbH; Bioriginal Food & Science Corporation
(21) 2021204330 (22) 25.06.2021
(54) Materials and methods for PUFA production, and PUFA-containing compositions
(62) 2015344993

(71) BASF SE
(21) 2021204538 (22) 30.06.2021
(54) Protein hydrolysates as emulsifier for baked goods
(62) 2018356571

(71) Becton, Dickinson and Company
(21) 2021204458 (22) 29.06.2021
(54) End-of-dose detection for drug delivery system
(62) 2018352202

(71) Becton, Dickinson and Company
(21) 2021204460 (22) 29.06.2021
(54) Port interface for drug delivery device
(62) 2019205203

(71) Beijing Baidu Netcom Science and Technology Co., Ltd.
(21) 2021204543 (22) 30.06.2021
(54) Digital signature method, signature information verification method, related apparatus and electronic device
(31) 202011493443.0 (32) 17.12.20 (33) CN

(71) BELCHIM Crop Protection USA LLC
(21) 2021204348 (22) 25.06.2021
(54) Herbicidal compositions and related methods
(31) 62/705,548 (32) 03.07.20 (33) US

(71) Berkeley Lights, Inc.
(21) 2021204437 (22) 29.06.2021
(54) Systems for operating electrokinetic devices
(62) 2015360611

(71) Bigfoot Biomedical, Inc.
(21) 2021204350 (22) 25.06.2021
(54) Adjusting Insulin Delivery Rates
(62) 2017207484

(71) Bigfoot Biomedical, Inc.
(21) 2021204355 (22) 25.06.2021
(54) Adjusting Insulin Delivery Rates
(62) 2017207484

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(71) Blue Ribbon Bags, LLC
(21) 2021204459 (22) 29.06.2021
(54) System for remuneration for lost baggage
(62) 2019232920

(71) BNSF Railway Company
(21) 2021204498 (22) 30.06.2021
(54) AVALANCHE SLIDE DETECTION SYSTEM AND METHOD
(31) 16/924,694 (32) 09.07.20 (33) US

(71) Board of Regents, The University of Texas System
(21) 2021204534 (22) 30.06.2021
(54) T-CELL RECEPTOR (TCR)-BINDING ANTIBODIES AND USES THEREOF
(62) 2016323153

(71) BOLLES, D.J.
(21) 2021204514 (22) 30.06.2021
(54) Theft-Resistant Deposit Box
(62) 2020203754

(71) BOSH IP Pty Ltd
(21) 2021204389 (22) 28.06.2021
(54) LADDER LEVELER AND METHOD
(62) 2019202224

(71) Boyle, N.
(21) 2021204513 (22) 30.06.2021
(54) APPARATUS, METHODS AND SYSTEMS FOR FOOD WASTE RECYCLING
(62) 2020202930

(71) Breville Pty Limited
(21) 2021204502 (22) 30.06.2021
(54) Sous vide device
(62) 2018328745

(71) BriTer Door Solutions Pty Ltd
(21) 2021204529 (22) 30.06.2021
(54) TRAFFIC BOOM GATE MECHANISM
(31) 2020904251 (32) 18.11.20 (33) AU

(71) CareDx, Inc.
(21) 2021204489 (22) 29.06.2021
(54) Methods of monitoring immunosuppressive therapies in a transplant recipient
(62) 2015229083

(71) Carillion Utility Services Ltd
(21) 2021204393 (22) 28.06.2021
(54) A MATERIAL AND ASSOCIATED ARRANGEMENTS, SYSTEMS AND METHODS
(62) 2019257392

(71) Cartiva, Inc.
(21) 2021204444 (22) 29.06.2021
(54) Hydrogel implants with porous materials and methods
(62) 2020207814

(71) Catelle Limited
(21) 2021204508 (22) 30.06.2021
(54) A BODY WAX APPLICATOR FOR BODY WAX AND A SYSTEM THEREFOR
(31) 765786 (32) 30.06.20 (33) NZ

(71) CDRD Ventures Inc.
(21) 2021204347 (22) 25.06.2021
(54) Somatostatin receptor antagonist compounds and methods of using the same
(62) 2017217271

(71) Centogene GmbH
(21) 2021204429 (22) 29.06.2021
(54) METHOD FOR THE DIAGNOSIS OF NIEMANN-PICK DISEASE
(62) 2018229451

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(21) 2021204408

(71) Charles Parsons (Holdings) Pty Ltd
(21) 2021204546 (22) 30.06.2021
(54) CAMPING HUTCH AND SWAG
(31) 2020902205 (32) 30.06.20 (33) AU

(71) China Wonderland Nurserygoods Co., Ltd.
(21) 2021204403 (22) 28.06.2021
(54) Storage assembly and child carrier therewith
(31) 202021249467.7 (32) 30.06.20 (33) CN

(71) CJ Cheiljedang Corporation
(21) 2021204450 (22) 29.06.2021
(54) Microorganism Of The Genus Corynebacterium Producing 5'-Xanthosine

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(62) 2018386357
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- (71) Clawson, J.
(21) 2021204370 (22) 26.06.2021
(54) Meningitis diagnostic and intervention tool for emergency dispatch
(62) 2019222953
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- (71) Covidien LP
(21) 2021204476 (22) 29.06.2021
(54) System and method of performing treatment along a lumen network
(62) 2017264479
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- (71) Crane Pumps & Systems, Inc.
(21) 2021204511 (22) 30.06.2021
(54) GRINDER ACCESSORY FOR PUMP
(31) 16/920,087 (32) 02.07.20 (33) US
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- (71) Crossroads Extremity Systems, LLC
(21) 2021204456 (22) 29.06.2021
(54) Transosseous suture anchor
(62) 2016302127
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- (71) CSIdentity Corporation
(21) 2021204354 (22) 25.06.2021
(54) Authentication systems and methods for on-demand products
(62) 2019261724
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- (71) Daktronics, Inc.
(21) 2021204426 (22) 29.06.2021
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(31) 63/047,067 (32) 01.07.20 (33) US
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- (71) Datamars SA
(21) 2021204413 (22) 28.06.2021
(54) AN ELECTRIC FENCE CONNECTOR
(62) 2019229404
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- (71) Deere & Company
(21) 2021204495 (22) 30.06.2021
(54) Run selector apparatus and run selector biasing system
(31) 16/943,191 (32) 30.07.20 (33) US
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- (71) DEKA Products Limited Partnership
(21) 2021204366 (22) 25.06.2021
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(62) 2020256376
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- (71) Dolby International AB
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(62) 2020201647
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- (71) Dominion Energy, Inc.
(21) 2021204368 (22) 25.06.2021
(54) Systems and methods for stabilizer control
(62) 2016313644
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- (71) Dongguan Zhenghong Technology Service Co., Ltd.
(21) 2021204440 (22) 29.06.2021
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(31) 202010797280.9 (32) 10.08.20 (33) CN
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- (71) DRAEGER SAFETY AG & CO. KGAA
(21) 2021204441 (22) 29.06.2021
(54) OXYGEN SELF-RESCUER AND PROCESS FOR AN OXYGEN SELF-RESCUER
(31) 102020117130.7 (32) 30.06.20 (33) DE
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- (71) DraftKings, Inc.
(21) 2021204491 (22) 29.06.2021
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(62) 2018386004
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- (71) DuAx Innovations Pty Ltd
(21) 2021204443 (22) 29.06.2021
(54) Boom mounted cleaning means
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- (71) DuAx Innovations Pty Ltd
(21) 2021204544 (22) 30.06.2021
(54) Remotely operated cleaning device
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- (71) Edwards Lifesciences Corporation
(21) 2021204539 (22) 30.06.2021
(54) Sealing element for prosthetic heart valve
(62) 2018313983
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- (71) Edworkz Pty. Ltd.
(21) 2021204421 (22) 28.06.2021
(54) Data extraction and prediction generation method and system for sporting events
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- (71) ee-FiT Pty Ltd
(21) 2021204187 (22) 21.06.2021
(54) NAIL GUN AND NAIL GUN GUIDE
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- (71) Epiroc Drilling Solutions, LLC
(21) 2021204464 (22) 29.06.2021
(54) System and method for controlling a drilling machine
(62) 2017371677
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- (71) Epiroc Drilling Solutions, LLC
(21) 2021204477 (22) 29.06.2021
(54) System and method for controlling a drilling machine
(62) 2017371677
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- (71) Epizyme, Inc.; Health Research, Inc.
(21) 2021204515 (22) 30.06.2021
(54) COMBINATION THERAPY FOR TREATING CANCER
(62) 2016252546
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- (71) EPOCH Company, Ltd.
(21) 2021204359 (22) 25.06.2021
(54) Fusible toy bead
(62) 2019271887
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- Ercole Biotech, Inc. see Santaris Pharma A/S**
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- (71) Evogene Ltd.
(21) 2021204318 (22) 24.06.2021
(54) Isolated polynucleotides, polypeptides and methods of using same for increasing abiotic stress tolerance, biomass and yield of plants
(62) 2015265412
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- (71) F. Hoffmann-La Roche AG
(21) 2021204369 (22) 26.06.2021
(54) Bicyclic ketone compounds and methods of use thereof
(62) 2018300043
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- (71) Field, K.
(21) 2021204371 (22) 26.06.2021
(54) Van Slide door step cubby
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- (71) Fred Hutchinson Cancer Research Center
(21) 2021204475 (22) 29.06.2021
(54) Tagged chimeric effector molecules and receptors thereof
(62) 2019229438
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- (71) Garrett Thermal Systems Limited
(21) 2021204435 (22) 29.06.2021
(54) Particle detection system and related methods
(62) 2018220149

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(71) GEA TDS GmbH
 (21) 2021204487 (22) 29.06.2021
 (54) Method and installation for the treatment of heat-sensitive liquid food products, and centrifugal pump for an installation of said type
 (62) 2017295268

(71) Gen9, Inc.
 (21) 2021204364 (22) 25.06.2021
 (54) Methods For Sorting Nucleic Acids and Multiplexed Preparative In Vitro Cloning
 (62) 2018278929

(71) Genentech, Inc.
 (21) 2021204400 (22) 28.06.2021
 (54) Cystine knot scaffold platform
 (62) 2016323445

(71) Geneohm Sciences Canada, Inc.
 (21) 2021204340 (22) 25.06.2021
 (54) Sequences for detection and identification of methicillin-resistant Staphylococcus aureus (MRSA) of MREP type xxi
 (62) 2019200071

(71) Genomatica, Inc.
 (21) 2021204482 (22) 29.06.2021
 (54) Semisynthetic routes to organic compounds
 (62) 2019232831

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 (21) 2021204442

(71) Globe (Jaingsu) Co., Ltd.
 (21) 2021204360 (22) 25.06.2021
 (54) ALL-WHEEL DRIVE SELF-PROPELLED ASSEMBLY AND MOWER
 (31) 202021261751.6 (32) 02.07.20 (33) CN

(71) GOBE CORP UK Ltd
 (21) 2021204527 (22) 30.06.2021
 (54) Fixation system of a strap to a camera including a buckle and a button
 (31) 20184774.6 (32) 08.07.20 (33) EP

(71) GoPlus Corp.
 (21) 2021204428 (22) 29.06.2021
 (54) Systems and methods for a portable chair with sunshade
 (31) 16/986,089 (32) 05.08.20 (33) US

(71) Gruppo Cimbali S.p.A.
 (21) 2021204361 (22) 25.06.2021
 (54) METHOD OF MONITORING AT LEAST ONE CHARACTERISTIC OF A TYPE OF COFFEE
 (31) 10202000015532 (32) 26.06.20 (33) IT

(71) GW Research Limited
 (21) 2021204353 (22) 25.06.2021
 (54) Use of cannabinoids in the treatment of epilepsy
 (62) 2015332212

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 (21) 2021204515

(71) Herlev Hospital; Immudex ApS
 (21) 2021204496 (22) 30.06.2021
 (54) Determining antigen recognition through barcoding of MHC multimers
 (62) 2019264685

(71) Hollister Incorporated
 (21) 2021204405 (22) 28.06.2021
 (54) Buffered Adhesive Compositions for Skin-Adhering Medical Products
 (62) 2018369903

(71) HSU, C.; WANG, J.; CHANG, S.; CHANG, H.
 (21) 2021204408 (22) 28.06.2021
 (54) Biodegradable Composite and Product Containing Biodegradable Composite
 (31) 110114453 (32) 22.04.21 (33) TW

(71) Huawei Technologies Co., Ltd.
 (21) 2021204449 (22) 29.06.2021
 (54) IMAGE SHARING METHOD AND ELECTRONIC DEVICE
 (62) 2017411918

(71) Huawei Technologies Co., Ltd.
 (21) 2021204507 (22) 30.06.2021
 (54) METHOD FOR MOVING BETWEEN COMMUNICATIONS SYSTEMS AND APPARATUS
 (62) 2017413894

(71) Hunter Douglas Inc.
 (21) 2021204504 (22) 30.06.2021
 (54) Shutter assembly with motorized louver drive system
 (62) 2016204260

(71) Hunt Perovskite Technologies, L.L.C.
 (21) 2021204425 (22) 28.06.2021
 (54) METHOD OF FORMULATING PEROVSKITE SOLAR CELL MATERIALS
 (62) 2019236643

(71) Illinois Tool Works Inc.
 (21) 2021204439 (22) 29.06.2021
 (54) Battery and battery charger
 (31) 20185650.7 (32) 14.07.20 (33) EP
 21175903.0 26.05.21 EP
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Immudex ApS see Herlev Hospital
 (21) 2021204496

(71) ImmunoGen, Inc.
 (21) 2021204334 (22) 25.06.2021
 (54) Novel benzodiazepine derivatives
 (62) 2019202435

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences
 (21) 2021204490 (22) 29.06.2021
 (54) BOUNDARY TRUNCATION LAYER METHOD AND APPARATUS FOR THREE-DIMENSIONAL FORWARD MODELLING OF LOW-FREQUENCY
 (31) 202110207428.3 (32) 25.02.21 (33) CN

(71) INTELEMATICS AUSTRALIA PTY LIMITED
 (21) 2021204479 (22) 29.06.2021
 (54) BATTERY FAILURE OR INADEQUATE CHARGE CONDITION PREDICTION METHOD AND SYSTEM
 (31) 2020902183 (32) 29.06.20 (33) AU

(71) IP Reserve Pty Ltd
 (21) 2021204433 (22) 29.06.2021
 (54) VEHICULAR LADDER
 (62) 2016345065

(71) Ivantis, Inc.
 (21) 2021204344 (22) 25.06.2021
 (54) Ocular implant with pressure sensor and delivery system
 (62) 2016307951

(71) Kerckhaert Hoefijzerfabriek
 (21) 2021204445 (22) 29.06.2021
 (54) HORSESHOE
 (31) 2025978 (32) 02.07.20 (33) NL

(71) Kim, J.
 (21) 2021204420 (22) 28.06.2021
 (54) MICROALGAE INCUBATOR FOR PRODUCTION OF BIOFUEL
 (31) 10-2021-0026781 (32) 26.02.21 (33) KR

(71) Kim, J.
 (21) 2021204423 (22) 28.06.2021
 (54) APPARATUS FOR HARVESTING MICROALGAE CULTURED TO PRODUCE BIOFUEL AND METHOD OF HARVESTING MICROALGAE USING THE SAME
 (31) KR10-2021-0026755 (32) 26.02.21 (33) KR

(71) Kindeva Drug Delivery L.P.
 (21) 2021204503 (22) 30.06.2021

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(54) Applicator for applying a microneedle array to skin
(62) 2018352317

(71) Koninklijke Douwe Egberts B.V.
(21) 2021204472 (22) 29.06.2021
(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device
(62) 2016264690

(71) Koninklijke Douwe Egberts B.V.
(21) 2021204474 (22) 29.06.2021
(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device
(62) 2016264691

(71) Koninklijke Douwe Egberts B.V.
(21) 2021204478 (22) 29.06.2021
(54) A capsule, a system for preparing a potable beverage from such a capsule and use of such a capsule in a beverage preparation device
(62) 2016264684

(71) KPR U.S., LLC
(21) 2021204524 (22) 30.06.2021
(54) Compression garment compliance
(62) 2016334479

(71) Kyowa Kirin Co., Ltd.
(21) 2021204307 (22) 24.06.2021
(54) a, β unsaturated amide compound
(62) 2016379292

(71) Landis+Gyr Innovations, Inc.
(21) 2021204455 (22) 29.06.2021
(54) Utility meter for use with distributed generation device
(62) 2017271591

(71) Levitation Sciences LLC
(21) 2021204398 (22) 28.06.2021
(54) Active mattress encasement
(62) 2019203938

(71) LG Electronics Inc.
(21) 2021204343 (22) 25.06.2021
(54) Intra-prediction method, and encoder and decoder using same
(62) 2019253843

(71) LG Electronics Inc.
(21) 2021204500 (22) 30.06.2021
(54) REFRIGERATOR
(31) 10-2020-0080135 (32) 30.06.20 (33) KR

(71) Lochterra Inc.
(21) 2021204463 (22) 29.06.2021
(54) Systems and methods for the capture of heat energy, long-distance conveyance, storage, and distribution of the captured-heat energy and power generated therefrom
(62) 2018449531

(71) Lonza Solutions AG
(21) 2021204407 (22) 28.06.2021
(54) METHODS AND COMPOSITIONS FOR USE IN GLUED-WOOD PRODUCTS
(31) 20182504.9 (32) 26.06.20 (33) EP

(71) Lonza Solutions AG
(21) 2021204412 (22) 28.06.2021
(54) METHODS AND COMPOSITIONS FOR USE IN GLUE-WOOD PRODUCTS
(31) 20182508.0 (32) 26.06.20 (33) EP

(71) Lovász, S.; Gábor, R.; Giber, J.
(21) 2021204442 (22) 29.06.2021
(54) Adapter, process and use for instillation of agents into the bladder through the urethra without catheter
(62) 2016322071

(71) Lytix Biopharma AS
(21) 2021204356 (22) 25.06.2021
(54) IMMUNE CHECKPOINT INHIBITOR COMBINATIONS
(62) 2019203199

(71) Magic Leap, Inc.
(21) 2021204409 (22) 28.06.2021
(54) Methods and systems for detecting and combining structural features in 3D reconstruction
(62) 2016327985

(71) Manja Technologies Sdn Bhd
(21) 2021204509 (22) 30.06.2021
(54) Systems and methods for providing an integrated public and/or private transportation service
(62) 2015413250

Massachusetts Institute of Technology see The Broad Institute, Inc.
(21) 2021204395

(71) MedImmune, LLC
(21) 2021204339 (22) 25.06.2021
(54) RSV-SPECIFIC ANTIBODIES AND FUNCTIONAL PARTS THEREOF
(62) 2020203831

(71) Memorial Sloan-Kettering Cancer Center
(21) 2021204506 (22) 30.06.2021
(54) Methods and compositions for reducing Clostridium difficile infection
(62) 2015264266

(71) Mesa Biotech, Inc.
(21) 2021204351 (22) 25.06.2021
(54) Fluidic test cassette
(62) 2016253147

(71) Minipan S.r.l.
(21) 2021204396 (22) 28.06.2021
(54) Cutting assembly for mixtures for food use
(31) 202020000003778 (32) 30.06.20 (33) IT

(71) MP Global Products, L.L.C.
(21) 2021204424 (22) 28.06.2021
(54) Method Of Making An Insulation Material And An Insulated Mailer
(62) 2017359035

(71) Myriad Women's Health, Inc.
(21) 2021204453 (22) 29.06.2021
(54) SYSTEMS AND METHODS FOR PRENATAL GENETIC ANALYSIS
(62) 2018214075

(71) N3, LLC
(21) 2021204468 (22) 29.06.2021
(54) IMPROVED ENTERPRISE LEVEL SALES MANAGEMENT SYSTEM AND METHOD INCLUDING REAL-TIME INCENTIVE COMPENSATION
(31) 16/916,615 (32) 30.06.20 (33) US

(71) National Oilwell Varco, L.P.
(21) 2021204494 (22) 30.06.2021
(54) Downhole eccentric reamer tool and related systems and methods
(31) 17/125,786 (32) 17.12.20 (33) US

(71) NIKE Innovate C.V.
(21) 2021204461 (22) 29.06.2021
(54) Article of clothing including a substrate material and a flocking material
(62) 2019213322

(71) Nitto Denko Corporation
(21) 2021204418 (22) 28.06.2021
(54) URINALYSIS DEVICE AND DRY REAGENT
(62) 2014384759

(71) Nitto Denko Corporation
(21) 2021204516 (22) 30.06.2021
(54) URINALYSIS DEVICE AND DRY REAGENT FOR QUANTITATIVE URINALYSIS
(62) 2014384759

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(71) Nkisu Pty. Ltd
(21) 2021204837 (22) 10.07.2021
(54) HEALTHY DRINK TO AVERT COLDS, 'FLU AND SORE THROATS, USING INGREDIENTS FROM AMARYLLIDACEAE PLANTS
(62) 2017301111

(71) Nutrition Science Design Pte. Ltd.
(21) 2021204451 (22) 29.06.2021
(54) Process for sugar production
(62) 2017301111

(71) OMS INVESTMENTS, INC.
(21) 2021204518 (22) 30.06.2021
(54) IRON-SUPPLEMENTED FERTILIZER
(62) 2017229994

(71) Orgenesis Inc.
(21) 2021204520 (22) 30.06.2021
(54) Pharmaceuticals for treatment of viral infections of the eye
(62) 2016277827

(71) Otonexus Medical Technologies, Inc
(21) 2021204341 (22) 25.06.2021
(54) Apparatus and method for characterization of acute otitis media
(62) 2016292652

(71) Perfecrete Pty Ltd
(21) 2021204345 (22) 25.06.2021
(54) Screed plug, screeding guide and screeding method
(62) 2019283941

(71) PHARMAQ AS
(21) 2021204436 (22) 29.06.2021
(54) Live fish processing system, and associated method
(62) 2018313729

(71) PHARMAQ AS
(21) 2021204438 (22) 29.06.2021
(54) Live fish processing system, and associated method
(62) 2018313729

(71) Porifera, Inc.
(21) 2021204374 (22) 28.06.2021
(54) METHODS OF DEWATERING OF ALCOHOLIC SOLUTIONS VIA FORWARD OSMOSIS AND RELATED SYSTEMS
(62) 2016283127

(71) Pronova BioPharma Norge AS
(21) 2021204406 (22) 28.06.2021

(54) Use of structurally enhanced fatty acids containing sulphur for preventing and/or treating non-alcoholic steatohepatitis
(62) 2016256552

(71) Quantum Digital Pty. Limited
(21) 2021204492 (22) 30.06.2021
(54) Improved method and system for determining locations of point-of-sale terminals
(62) 2018451381

Qurgen, Inc. see Wayne State University
(21) 2021204485

Rajwa, B. see AsedaSciences AG
(21) 2021204419

(71) Ralco Nutrition, Inc.
(21) 2021204342 (22) 25.06.2021
(54) Essential oil compositions and applications utilizing essential oils
(62) 2016264468

(71) Ramesh, S.
(21) 2021204335 (22) 25.06.2021
(54) SR Learnings

(71) Rearden, LLC
(21) 2021204288 (22) 24.06.2021
(54) SYSTEMS AND METHODS FOR RADIO FREQUENCY CALIBRATION EXPLOITING CHANNEL RECIPROCITY IN DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS
(62) 2020201408

(71) REDSBABY PTY. LTD.
(21) 2021204537 (22) 30.06.2021
(54) Baby carrier
(31) 2020903120 (32) 01.09.20 (33) AU

(71) Reeves, M.
(21) 2021204132 (22) 21.06.2021
(54) Mains power adapter for cordless power tools
(31) 2020902321 (32) 06.07.20 (33) AU

(71) Sage Therapeutics, Inc.
(21) 2021204410 (22) 28.06.2021
(54) Neuroactive steroids, compositions, and uses thereof
(62) 2019279910

(71) Sandvik Intellectual Property AB
(21) 2021204488 (22) 29.06.2021
(54) A rock drill insert
(62) 2017333850

(71) Sangamo Therapeutics, Inc.
(21) 2021204432 (22) 29.06.2021
(54) Regulation of gene expression using engineered nucleases
(62) 2017315406

(71) Santaris Pharma A/S; Ercole Biotech, Inc.
(21) 2021204434 (22) 29.06.2021
(54) SPLICE SWITCHING OLIGOMERS FOR TNF SUPERFAMILY RECEPTORS AND THEIR USE IN TREATMENT OF DISEASE
(62) 2019208249

Santrix Diesel Pty Ltd see Santrix Mining Components Pty Ltd
(21) 2021204501

(71) Santrix Mining Components Pty Ltd; Santrix Diesel Pty Ltd
(21) 2021204501 (22) 30.06.2021
(54) A valve housing

(71) Scholar Rock, Inc.
(21) 2021204415 (22) 28.06.2021
(54) Compositions and methods for growth factor modulation
(62) 2019203834

(71) SciSparc Ltd
(21) 2021204517 (22) 30.06.2021
(54) COMBINATION OF OPIOIDS AND N-ACYLETHANOLAMINES
(62) 2016263292

(71) Sciwind Biosciences Co., Ltd.
(21) 2021204749 (22) 07.07.2021
(54) ACYLATED GLP-1 DERIVATIVE
(62) 2019256245

(71) Seagen, Inc.
(21) 2021204473 (22) 29.06.2021
(54) Humanized antibodies to LIV-1 and use of same to treat cancer
(62) 2019202530

(71) Seegene, Inc.
(21) 2021204329 (22) 25.06.2021
(54) Method for reducing primer dimer formation and increasing amplification efficiency
(62) 2017385830

(71) Seegene, Inc.
(21) 2021204362 (22) 25.06.2021
(54) Modules for transferring magnetic beads, automated system comprising the same and method for nucleic acid extraction using the same
(62) 2018303111

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- (71) SEMINIS VEGETABLE SEEDS, INC.
(21) 2021204559 (22) 30.06.2021
(54) Tomato hybrid SVTH3053 and parents thereof
(31) 63/048,542 (32) 06.07.20 (33) US
17/024,130 17.09.20 US
-
- Shankey, V. see AsedaSciences AG**
(21) 2021204419
-
- (71) Sharma, A.
(21) 2021204471 (22) 29.06.2021
(54) Optical correction
(62) 2018282415
-
- (71) Sorrento Therapeutics, Inc.
(21) 2021204301 (22) 24.06.2021
(54) Transdermal drug delivery apparatus and methods
(62) 2019279994
-
- (71) Stone Rail Pty Ltd
(21) 2021204397 (22) 28.06.2021
(54) Cladding Bracket Assembly
(31) 2020902612 (32) 27.07.20 (33) AU
-
- (71) Sungrow Power Supply Co., Ltd.
(21) 2021204718 (22) 06.07.2021
(54) Photovoltaic power generation system, method and device for generating current and voltage, and storage medium
(31) 202010650645.5 (32) 06.07.20 (33) CN
-
- (71) Surfacide, LLC
(21) 2021204510 (22) 30.06.2021
(54) HARD SURFACE DISINFECTION SYSTEM AND METHOD
(62) 2020294165
-
- (71) Sweet Green Fields USA LLC
(21) 2021204391 (22) 28.06.2021
(54) Compositions of steviol multiglycosylated derivatives and stevia components
(62) 2019200741
-
- (71) Syqe Medical Ltd.
(21) 2021204365 (22) 25.06.2021
(54) METHOD AND DEVICE FOR VAPORIZATION AND INHALATION OF ISOLATED SUBSTANCES
(62) 2019275594
-
- (71) Tableau Software, LLC
(21) 2021204448 (22) 29.06.2021
(54) Systems and methods of applying pragmatics principles for interaction with visual analytics
(62) 2020230301
-
- (71) Telefonaktiebolaget LM Ericsson (publ)
(21) 2021204447 (22) 29.06.2021
(54) Interference measurements and channel state information feedback for multi-user multiple-in multiple-out
(62) 2018262536
-
- (71) The Broad Institute, Inc.; Massachusetts Institute of Technology
(21) 2021204395 (22) 28.06.2021
(54) Delivery, use and therapeutic applications of the CRISPR-Cas systems and compositions for genome editing
(62) 2014361781
-
- (71) The Schepens Eye Research Institute
(21) 2021204404 (22) 28.06.2021
(54) PHENOTYPE PROFILE OF HUMAN RETINAL PROGENITOR CELLS
(62) 2018214122
-
- (71) Toughbuilt Industries, Inc.
(21) 2021204446 (22) 29.06.2021
(54) CUSTOMIZABLE KNEE PADS AND PROCESS OF FORMING THE SAME
(31) 16/916,891 (32) 30.06.20 (33) US
-
- (71) Toughbuilt Industries, Inc.
(21) 2021204481 (22) 29.06.2021
(54) Ergonomic Dual Mode Snips
(31) 16/916,966 (32) 30.06.20 (33) US
-
- (71) Translate Bio, Inc.
(21) 2021204521 (22) 30.06.2021
(54) METHODS FOR PURIFICATION OF MESSENGER RNA
(62) 2015249312
-
- (71) TRELLEBORG ENGINEERED PRODUCTS AUSTRALIA PTY LTD
(21) 2021204401 (22) 28.06.2021
(54) Integrated Induction Bonding
(31) 2020902280 (32) 03.07.20 (33) AU
-
- (71) TuSimple, Inc.
(21) 2021204392 (22) 28.06.2021
(54) Hub-based distribution and delivery network for autonomous trucking services
(31) 16/917,699 (32) 30.06.20 (33) US
-
- (71) ULMA Packaging Technological Center, S.COOP.
(21) 2021204430 (22) 29.06.2021
(54) Horizontal packaging machine
(31) EP20382573.2 (32) 29.06.20 (33) EP
-
- (71) Universität Hamburg
(21) 2021204467 (22) 29.06.2021
(54) Methods for the Production of Rhamnosylated Flavonoids
(62) 2017207875
-
- (71) University of Central Florida Research Foundation, Inc.
(21) 2021204560 (22) 30.06.2021
(54) Methods and compositions comprising a CT20 peptide
(62) 2015290058
-
- (71) University of Wollongong
(21) 2021204807 (22) 09.07.2021
(54) System & method for high-accuracy radioactive source localisation
-
- (71) Vapotherm, Inc.
(21) 2021204372 (22) 26.06.2021
(54) HIGH FLOW THERAPY WITH BUILT-IN OXYGEN CONCENTRATOR
(62) 2016316947
-
- (71) Ventana Medical Systems, Inc.
(21) 2021204462 (22) 29.06.2021
(54) Inkjet deposition of reagents for histological samples
(62) 2016251232
-
- (71) Wang, A.
(21) 2021204483 (22) 29.06.2021
(54) UNIVERSAL VACUUM SUCTION ADAPTOR FOR BAGS
-
- WANG, J. see HSU, C.**
(21) 2021204408
-
- (71) Wayne State University
(21) 2021204416 (22) 28.06.2021
(54) A modified mGluR6 promoter and methods of use
(62) 2015229464
-
- (71) Wayne State University; Qurgen, Inc.
(21) 2021204485 (22) 29.06.2021
(54) Methods, systems and compositions relating to cell conversion via protein induced in-vivo cell reprogramming
(62) 2019204630
-
- (71) XIE, K.J.
(21) 2021204349 (22) 25.06.2021
(54) AIR PROCESSING APPARATUS
(31) 2020902286 (32) 03.07.20 (33) AU
-
- (71) Zhik Pty Ltd
(21) 2021204431 (22) 29.06.2021
(54) Improved Watersports Garment
(31) 2020902202 (32) 30.06.20 (33) AU

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2021204389	BOSH IP Pty Ltd	2021204458	Becton, Dickinson and Company
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2021204481 Toughbuilt Industries, Inc.
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2021204485 Wayne State University; Qurgen, Inc.
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2021204487 GEA TDS GmbH
2021204488 Sandvik Intellectual Property AB
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2021204490 Institute of Geology and Geophysics, Chinese Academy of Sciences
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(54) Ecological water environment cleaning device

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(54) Named Entity Translation from Hindi to English Using Rule Based Approach

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(54) AMINO ACIDS AND PEPTIDE CONJUGATES OF DOPAMINE

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(54) Universal pump connecting system
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(54) DIGITAL ERROR COMPENSATION OF INDUSTRIAL ENERGY MEASUREMENT SYSTEM

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(54) ELECTRICITY GENERATING DEVICE
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**Yellow Sea Fisheries Research Institute,
Chinese Academy of Fishery Sciences
see Qingdao National Laboratory for Marine
Science and Technology Development
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(71) Yianni, T.

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locations

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AND USE

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and application thereof in improving
biocompatibility of scaffold material

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2021103369	SKYJED Pty Ltd	2021103447	Institute of process engineering, Chinese Academy of Sciences
2021103389	Shawelle Pty Ltd	2021103448	EasyFlow Oü
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2021103391	Shawelle Pty Ltd	2021103450	Changzhou Campus of Hehai University
2021103394	Willems, J.; Hayter, L.	2021103451	Indefatigable Holdings Pty Ltd
2021103402	Shinghal, K.; Saxena, A.; Sharma, A.; Agarwal, A.; Gupta, P.	2021103452	Tianjin Research Institute for Water Transport Engineering, M.O.T.
2021103403	Rathee, T.; Singh, P.	2021103453	Purifas Holdings Pty Ltd
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2021103520	Prabhakar Gaikwad, V.; Musande, V.; B. Nemade (Patil), S.	2021103562	Institute of Agricultural Resources and Environment, Shandong Academy of Agricultural Sciences
2021103521	Rajkumar, H.; Kumar Naik, P.; S. Rishi, M.	2021103563	MyPinPad Ltd; Licentia Group Ltd
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2021103523	Hasan, R.; Palaniappan, S.; Mahmood, S.; Asif Husain, S.		
2021103524	Jiangsu University		
2021103525	Marlborough Oysters Limited		
2021103526	IdentiFlight International, LLC		
2021103527	Yang, Y.; Li, S.; Pai, M.C.		
2021103528	LeBLANC PTY LTD		
2021103529	Qingdao Agricultural University		
2021103530	COREIoT Pty Ltd		
2021103531	Wuhan Shernbao Pet Products Manufacturing Co., Ltd.		
2021103532	Shandong Normal University		

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

1997

1997032629 (14)

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2021101999 (18AN) 2021102022 (18AN) 2021202115 (1B)
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2021202259 (1B) 2021202487 (12N) 2021901257 (12N)

Assignments before Grant, Section 113

2015

2015275798 Igenomix S.L. The application has been assigned to **Asherman Therapy, S.L.U.**

2016

2016217855 Global Life Sciences Solutions USA LLC The application has been assigned to **Leica Microsystems CMS GmbH**

2016269423 DASSAULT SYSTEMES CANADA INC. The application has been assigned to **DASSAULT SYSTEMES AUSTRALIA PTY LTD**

2016276042 E I du Pont de Nemours and Company The application has been assigned to **Dupont Industrial BioSciences USA, LLC**

2017

2017204155 GUSHER MANAGEMENT, S.L. The application has been assigned to **EcoFuel Technologies Ltd**

2017281589 ProDigest BVBA The application has been assigned to **Microbial Research Management Health NV**

2017336219 DSM IP Assets B.V. The application has been assigned to **Covestro (Netherlands) B.V.**

2017336223 DSM IP Assets B.V. The application has been assigned to **Covestro (Netherlands) B.V.**

2017336232 DSM IP Assets B.V. The application has been assigned to **Covestro (Netherlands) B.V.**

2017351802 DSM IP Assets B.V. The application has been assigned to **Covestro (Netherlands) B.V.**

2017378248 Millennium Pharmaceuticals, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2018

2018201581 GUSHER MANAGEMENT, S.L. The application has been assigned to **EcoFuel Technologies Ltd**

2018202547 Aranooc Pty Ltd The application has been assigned to **Landscape Tanks No. 2 Pty Ltd**

2018213418 Caligiuri, Michael; Ohio State Innovation Foundation; Dai, Hongsheng; Yu, Jianhua The application has been assigned to **Ohio State Innovation Foundation**

2018236778 Aranooc Pty Ltd The application has been assigned to **Landscape Tanks No. 2 Pty Ltd**

Assignments before Grant, Section 113

2018305146 Afiniti Europe Technologies Limited The application has been assigned to **AFINITI, LTD.**

2018332152 University of Plymouth The application has been assigned to **Fieldwork Robotics Limited**

2018376951 Afiniti Europe Technologies Limited The application has been assigned to **AFINITI, LTD.**

2018383093 Afiniti Europe Technologies Limited The application has been assigned to **AFINITI, LTD.**

2019

2019200354 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019202965 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019203809 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019203812 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019203967 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019204138 Afiniti Europe Technologies Limited The application has been assigned to **AFINITI, LTD.**

2019204280 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019210551 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019210594 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019210595 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019210608 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2019211931 Shijiazhuang Sagacity New Drug Development Company, Ltd. The application has been assigned to **Medshine Discovery Inc.**

2019238003 Ariad Pharmaceuticals, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019289077 Tornier, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

2019289081 Tornier, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

Assignments before Grant, Section 113

2019289083 Tornier, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

2019289084 Tornier, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

2019289085 Tornier, Inc. The application has been assigned to **Howmedica Osteonics Corp.**

2019294076 SQUARZI, Marco The application has been assigned to **Heritage S.r.l. Unipersonale**

2019300852 Millennium Pharmaceuticals, Inc. The application has been assigned to **Takeda Pharmaceutical Company Limited**

2019308863 DSM IP Assets B.V. The application has been assigned to **Covestro (Netherlands) B.V.**

2019317388 Sharp Kabushiki Kaisha The application has been assigned to **FG Innovation Company Limited**

2019330472 Vaughan, John The application has been assigned to **Vaughan IP Pty Ltd**

2019356907 Zillow Group, Inc. The application has been assigned to **Zillow, Inc.**

2019381715 Enspectra Health, Inc.; Arora, Piyush The application has been assigned to **Enspectra Health, Inc.**

2019387364 College Park Industries, Inc.; Worcester Polytechnic Institute The application has been assigned to **Worcester Polytechnic Institute; Liberating Technologies, Inc.**

2020

2020221056 500 Group, Inc. The application has been assigned to **Build IP, LLC**

2020227104 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2020230328 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2020264261 AFINITI EUROPE TECHNOLOGIES LIMITED The application has been assigned to **AFINITI, LTD.**

2020904066 Difingo, Inc. The application has been assigned to **DIF Trademarks Pty Ltd**

2020904133 Difingo, Inc. The application has been assigned to **DIF Trademarks Pty Ltd**

2020904458 Forest, Paul The application has been assigned to **CLUSTER.LIFE FOUNDATION LIMITED**

2020904854 The Council of the Queensland Institute of Medical Research; Medair Limited The application has been assigned to **Medair Limited**

Assignments before Grant, Section 113

2021

2021103269 Yueqing Zhishun Electric Co., Ltd. The application has been assigned to **DALIAN INO-TECH CO., LTD.**

2021200545 The Council of the Queensland Institute of Medical Research; Medair Limited The application has been assigned to **Medair Limited**

2021202496 Fero Group Pty Ltd The application has been assigned to **DYWIDAG-Systems International Pty Limited**

2021203848 Yueqing Zhishun Electric Co., Ltd. The application has been assigned to **DALIAN INO-TECH CO., LTD.**

2021901612 Campbell, Caroline Lloyd; Fonterra Co-operative Group Limited; Matgorzata Smialowska, Alice; Rutherford, Lisa Marie The application has been assigned to **Fonterra Co-operative Group Limited**

Extensions of Time, Section 223

Applications Received

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

2006

2006318607 **Nightgear LLC** An application to extend the time from 20 Nov 2020 to 20 Jul 2021 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2011

2011232339 **Kaltura, Inc.** An application to extend the time from 24 Mar 2020 to 24 Jan 2021 in which to pay the renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2014

2014240772 **FABtale productions Pty Ltd** An application to extend the time from 28 Mar 2020 to 28 Jun 2021 in which to pay a renewal fee has been filed . Address for service - Southern Cross Intellectual Property Pty Ltd. PO BOX 906 Brisbane QLD 4001 AU

2016

2016373563 **GBT Travel Services UK Ltd** An application to extend the time from 16 Dec 2020 to 16 Jul 2021 in which to pay a continuation fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2020

2020200955 **Hayes, T.** An application to extend the time from 23 Oct 2020 to 23 May 2021 in which to pay a renewal fee has been filed . Address for service - mdp Patent and Trade Mark Attorneys Level 4, 91 William Street Melbourne VIC 3000 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2013

2013204906 **Advanced BioAdjuvants, LLC** The time in which to pay the renewal fee has been extended to 12 Sep 2020 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2014

2014273910 **Kamado Concepts, LLC** The time in which to pay a renewal fee has been extended to 02 Jan 2021 . Address for service - Wallington-Dummer Se 1005 37 Bligh St Sydney NSW 2000 AU

2015

2015100740 **Living Lean** The time in which to pay the renewal fee has been extended to 04 Jan 2021 . Address for service - Living Lean 14 Cecil st Caringbah South NSW 2229 AU

2015230774 **Gallagher Group Limited** The time in which to pay the renewal fee has been extended to 28 Nov 2020 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2017

2017307295 **Nuggets Limited** The time in which to request examination has been extended to 04 Aug 2021 . Address for service - AJ Pietras IP Limited P O Box 30173 Lower Hutt 5040 NZ

2018

2018100182 **The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST; Access Technical Centre Pty Ltd** The time in which to pay the renewal fee has been extended to 09 Feb 2021 . Address for service - The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST 22-28 Hawker Street Airport West VIC 3042 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

2015230938 Non-human animals that make single domain binding proteins **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2015277795 Filter element and filter assembly having two filtration zones **Caterpillar Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Jun 2021 . Address for service - FPA Patent Attorneys Pty Ltd L 43 101 Collins St Melbourne VIC 3000 AU

2015384137 Downhole flow diversion device with oscillation damper **Dynomax Drilling Tools Inc. (Canada)** The nature of the amend-

Amendments

ment is as shown in the statement(s) filed 21 Jun 2021 . Address for service - Houlihan² Pty Ltd PO Box 611 BALWYN NORTH VIC 3104 AU

2016

2016222804 5HT agonists for treating disorders **The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2021 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2016281762 Production of noscapine **Sun Pharmaceutical Industries Australia Limited ; The University of York** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016299874 System integrating a mobile device application creation, editing and distribution system with a website design system **Wix.com Ltd.** The nature of the amendment is as shown in the statement(s) filed 08 Jul 2021 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2016355170 Self-adjusting cryogenic food freezer **Linde Aktiengesellschaft** The nature of the amendment is: Amend the name of the inventor to read McCormick, Stephen and Newman, Michael D . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017

2017292582 HIV pre-immunization and immunotherapy **American Gene Technologies International Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017351216 Amide compounds as kinase inhibitors **Translational Drug Development, LLC** The nature of the amendment is as shown in the statement(s) filed 02 Jul 2021 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017366693 Tetrahydronaphthalene and tetrahydroisoquinoline derivatives as estrogen receptor degraders **Arvinas Operations, Inc.** The nature of the amendment is: Amend the name of the inventor to read Crew, Andrew P.; Qian, Yimin; Dong, Hanqing; Wang, Jing and Hornberger, Keith R. . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017378816 Novel insect inhibitory proteins **Monsanto Technology LLC** The nature of the amendment is as shown in the statement(s) filed 23 Jun 2021 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth Street Sydney NSW 2000 AU

2017426939 Frequency pattern for reducing parasitic interactions in a qubit grid **Google LLC** The nature of the amendment is as shown in the statement(s) filed 07 Jul 2021 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017442682 Qubit calibration **Google LLC** The nature of the amendment is as shown in the statement(s) filed 07 Jul 2021 . Address

Amendments

for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018204700 GENETICALLY MODIFIED T CELL RECEPTOR MICE **Regeneron Pharmaceuticals, Inc.** 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

2018206851 FIXED DOSAGE REGIMENS FOR ANTI-TYPE I INTERFERON RECEPTOR (IFNAR) ANTIBODIES **AstraZeneca AB** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018221557 Dosing schedule of a Wnt inhibitor and an anti-PD-1 antibody molecule in combination **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018282374 Cleaning and dewatering fine coal **Virginia Tech Intellectual Properties, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Jul 2021 . Address for service - Griffith Hack Level 29 Northpoint 100 Miller Street Sydney NSW 2060 AU

2019

2019203824 Pulse transmission synchronization **Sensormatic Electronics LLC** The nature of the amendment is: Amend the name of the inventor to read ALICOT, Jorge F.; SOTO Manuel A. and ALLEN, John A. . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019204630 Methods, systems and compositions relating to cell conversion via protein induced in-vivo cell reprogramming **Wayne State University ; Qurgen, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Jun 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019236614 COMPOSITIONS AND METHODS COMPRISING BUPROPION OR RELATED COMPOUNDS AND DEXTROMETHORPHAN **Antecip Bioventures II LLC** The nature of the amendment is as shown in the statement(s) filed 08 Jul 2021 . Address for service - RnB IP PO Box 9530 Deakin ACT 2600 AU

2020

2020205309 Needle magnetizer **Becton, Dickinson and Company** The nature of the amendment is as shown in the statement(s) filed 27 Jun 2021 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2021

2021100674 AhGPAT9A gene of Arachis hypogaea L. and use thereof in improving seed oil content **Shandong Agricultural University** The nature of the amendment is: Add inventor Zhang, Kun . Address for service - Shelston IP Pty Ltd. Level 9 60 Margaret Street Sydney NSW 2000 AU

Amendments Made**Amendments****2014**

2014200236 **SAMSUNG ELECTRONICS CO., LTD.** The nature of the amendment is as shown in the statement filed 04 Mar 2021

2015

2015301338 **Baylor Research Institute** The nature of the amendment is as shown in the statement filed 01 Apr 2021

2015344993 **BASF Plant Science Company GmbH; Bioriginal Food & Science Corporation** The nature of the amendment is as shown in the statement filed 07 Apr 2021

2016

2016314546 **Caliway Biopharmaceuticals Co., Ltd.** The nature of the amendment is as shown in the statement filed 31 Mar 2021

2016341520 **Otsuka Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statements filed 05 Feb 2021 and 29 Mar 2021

2016360487 **KM Biologics Co., Ltd.** The nature of the amendment is as shown in the statement filed 07 Apr 2021

2017

2017101909 **Kunkel, B.** The nature of the amendment is: Amend the priority details to read 2017902572 03 Jul 2017 AU

2017243515 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 09 Apr 2021

2017307455 **Société des Produits Nestlé S.A.** The nature of the amendment is: Amend the invention title to read Nutritional compositions with 2FL and LNnT for use in preventing and/or treating non-rotavirus diarrhea by acting on the gut microbiota dysbiosis

2017430862 **ZTE Corporation** The nature of the amendment is as shown in the statement filed 08 Apr 2021

2017443044 **Google LLC** The nature of the amendment is as shown in the statement filed 06 Jul 2021

2018

2018214075 **Myriad Women's Health, Inc.** The nature of the amendment is: Amend the name of the inventor to read Evans, Eric; Chu, Clement; Davison, Daniel and Richards, Hunter

2018403988 **Outotec (Finland) Oy** The nature of the amendment is: Application is to proceed under the number 2018102218

2018403988 **Outotec (Finland) Oy** The nature of the amendment is as shown in the statement filed 30 Jun 2021

2018450999 **Shandong Analysis and Test Center** The nature of the amendment is: Application is to proceed under the number 2018102217

Amendments

2018455569 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read PHOTOVOLTAIC DIRECT-CURRENT BREAKING APPARATUS

2019

2019202346 **The ESAB Group Inc.** The nature of the amendment is as shown in the statement filed 31 Mar 2021

2019203340 **Israel Weapon Industries (I.W.I) Ltd.** The nature of the amendment is as shown in the statement filed 13 Apr 2021

2019203639 **Apple Inc.** The nature of the amendment is as shown in the statement filed 19 Mar 2021

2019203938 **Levitation Sciences LLC** The nature of the amendment is as shown in the statement filed 28 Jun 2021

2019252105 **VADovations, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2021

2019252912 **The Children's Medical Center Corporation** The nature of the amendment is: Amend the name of the inventor to read LENCER, Wayne I.; CHINNAPEN, Daniel JF. and DUCLOS, Richard I.

2019256245 **Sciwind Biosciences Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read XU, Zheng; LI, Feng; SONG, Rui; GUO, Wanjun; PAN, Hai and FENG, Jing

2019283938 **Garden and Montgomerie Solicitors Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101809

2019358704 **National University of Singapore** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Yu; CHUNG, Tai-Shung; ZHANG, Sui and LI, Feng

2019384145 **Innovative Cellular Therapeutics Holdings, Ltd.** The nature of the amendment is as shown in the statement filed 25 Jun 2021

2019391411 **Takigawa Corporation Japan** The nature of the amendment is: Amend the invention title to read Tearable Packaging Pouch

2019396477 **Ares Trading S.A.** The nature of the amendment is: Amend the name of the inventor to read LE MASNE, Quentin; LEWIS, Scott Alexander; O'SHEA, Macdara Eamonn; SHAW, Thomas Henry and BYATT, Douglas Edward Campbell

2019405497 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read VIDEO CODING METHOD AND APPARATUS

2019409501 **Ichnos Sciences S.A** The nature of the amendment is as shown in the statement filed 22 Jun 2021

2019416800 **Suzano S.A.** The nature of the amendment is: Amend the invention title to read SYNTHETIC POLYMERIC FIBERS ADDITIVATED WITH LIGNIN, THEIR PROCESS OF OBTAINING AND USE FOR MANUFACTURING TEXTILE PRODUCTS

Amendments

2019418841 **Jiangmen Bonanza Metalware Co., Ltd.** The nature of the amendment is: Amend the invention title to read Pot cover and cookware

2019421318 **Nanjing University Yancheng Environmental Protection Technology and Engineering Research Institute** The nature of the amendment is: Application is to proceed under the number 2019101810

2019456489 **Institute of Food Science and Technology Chinese Academy of Agricultural Sciences** The nature of the amendment is: Application is to proceed under the number 2019101808

2020

2020206320 **Landis+Gyr Innovations, Inc.** The nature of the amendment is: Amend the invention title to read Methods and systems for connecting and metering distributed energy resource devices

2020207162 **Uniwersytet Jagielloński; Warszawski Uniwersytet Medyczny** The nature of the amendment is: Amend the invention title to read (2,5-Dioxopyrrolidin-1-yl)(phenyl)-acetamide derivatives and their use in the treatment of neurological diseases

2020209621 **Hisense (Guangdong) Air Conditioning Co., Ltd.** The nature of the amendment is: Amend the invention title to read OUTDOOR UNIT OF AIR CONDITIONER, AND AIR CONDITIONER

2020209621 **Hisense (Guangdong) Air Conditioning Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Jianneng; CAO, Yongping; LI, Xidong; WU, Minan; WEI, Xiaolin and CHEN, Jihua

2020224828 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Control system for work machine

2020391074 **Beijing Luzhu Biotechnology Co., Ltd.** The nature of the amendment is: Amend the invention title to read Recombinant varicella-zoster virus (VZV) vaccine

2020903456 **eiChat Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2020104439

2021

2021202309 **AUTOPHAGYSCIENCES INC.** The nature of the amendment is as shown in the statement filed 05 Jul 2021

2021204002 **Globe (Jiangsu) Co., Ltd.** The nature of the amendment is: Amend the priority details to read 202010558032.9 18 Jun 2020 CN

Alteration of Name(s) of Applicant(s)/Patentee(s)**2010**

2010342829 **Rielda Serrature s.r.l.** The name of the patentee has been altered to **Rielda Serrature S.p.A.**

Amendments

2011

2011250318 Rielda Serrature s.r.l. The name of the patentee has been altered to **Rielda Serrature S.p.A.**

2014

2014100975 Sun-Wizarding Holding Pty Ltd The name of the patentee has been altered to **Key Logic Pty Ltd**

2016

2016329090 Bonumose LLC The name of the applicant has been altered to **Bonumose, Inc.**

2017

2017249265 Perspectum Diagnostics Ltd The name of the patentee has been altered to **Perspectum Ltd**

2017365846 Universite de Bordeaux; Centre National de la Recherche Scientifique; Institut D'optique Graduate School The name of the applicant has been altered to **Universite de Bordeaux; Centre National de la Recherche Scientifique; Institut d'Optique Théorique et Appliquée**

2017365847 Universite de Bordeaux; Centre national de la recherche scientifique; Institut D'optique Graduate School The name of the applicant has been altered to **Institut d'Optique Théorique et Appliquée; Universite de Bordeaux; Centre national de la recherche scientifique**

2017376628 Bonumose LLC The name of the applicant has been altered to **Bonumose, Inc.**

2018

2018218696 Yoo's Biopharm Inc. The name of the patentee has been altered to **AMICOGEN PHARMA INC.**

2019

2019204551 Elevare Energy IP Pty Ltd The name of the applicant has been altered to **eleXsys IP Pty Ltd**

2019213439 The Reliable Automatic Sprinkler Co., Inc. The name of the applicant has been altered to **The Reliable Automatic Sprinkler Co. Inc.**

2019253900 The Provost, Fellows, Foundation Scholars, & the other members of Board, of the College of the Holy & Undiv. Trinity of Queen Elizabeth The name of the applicant has been altered to **The Provost, Fellows, Foundation Scholars, & the other members of Board, of the College of the Holy & Undiv. Trinity of Queen Elizabeth, near Dublin**

2019327383 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2019327637 Renk Aktiengesellschaft The name of the applicant has been altered to **Renk GmbH**

2019331593 Renk Aktiengesellschaft The name of the applicant has been altered to **Renk GmbH**

Amendments

2019332038 Renk Akiengesellschaft The name of the applicant has been altered to **Renk GmbH**

2019362044 Bonumose LLC The name of the applicant has been altered to **Bonumose, Inc.**

2020

2020204384 Yoo's Biopharm Inc. The name of the applicant has been altered to **AMICOGEN PHARMA INC.**

2021

2021102417 Padmavathi, Guddeti; Siva Kumar, Pasupuleti Venkata The name of the applicant has been altered to **Padmavathi, G.; Siva Kumar, P.V.; Sriramudu; Palli, C.; Adarshavathi, J.**

2021102729 Rameshwar, Chintakindi; Maduri, Praveen Kumar The name of the applicant has been altered to **Rameshwar, C.; Maduri, P.K.**

2021102892 China Railway 18th Bureau Group Co., Ltd.; China Railway 18th Bureau Group Constructions and Installation Engineering Co., Ltd. The name of the applicant has been altered to **China Railway 18th Bureau Group Co., Ltd.; China Railway 18th Bureau Group Construction and Installation Engineering Co., Ltd.**

2021102893 China Railway 18th Bureau Group Co., Ltd.; China Railway 18th Bureau Group Constructions and Installation Engineering Co., Ltd. The name of the applicant has been altered to **China Railway 18th Bureau Group Co., Ltd.; China Railway 18th Bureau Group Construction and Installation Engineering Co., Ltd.**

2021103064 Chongqing Electric Power College Co., Ltd. ; Hanlanlvodian Solid Waste Treatment (Foshan) Co., Ltd. 2nd The name of the applicant has been altered to **Chongqing Electric Power College; Hanlanlvodian Solid Waste Treatment (Foshan) Co., Ltd. 2nd**

2021203851 Griffith Hack The name of the applicant has been altered to **The Johns Hopkins University**

2021204189 The Reliable Automatic Sprinkler Co., Inc. The name of the applicant has been altered to **The Reliable Automatic Sprinkler Co. Inc.**

2021204389 BOSH IP Pty Ltd The name of the applicant has been altered to **Werner Co.**

Applications Open to Public Inspection

Name Index

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

(71) 4D Pharma Research Limited
 (11) AU-A-2021204337
 (21) 2021204337 (22) 25.06.2021
 (54) Compositions comprising bacterial strains
 (51) Int. Cl.
A61K 35/74 (2015.01)
A61K 9/19 (2006.01)
A61K 35/741 (2015.01)
A61P 1/00 (2006.01)
A61P 43/00 (2006.01)
 (43) 22.07.2021
 (62) 2019294284
 (72) YUILLE, Samantha; REICHARDT, Nicole; REID, Sarah; AHMED, Suaad; SAVIGNAC, Helene; MULDER, Imke Elisabeth; ETTORRE, Anna
 (74) FB Rice Pty Ltd

(71) Aerie Pharmaceuticals, Inc
 (11) AU-A-2021204320
 (21) 2021204320 (22) 24.06.2021
 (54) DUAL MECHANISM INHIBITORS FOR THE TREATMENT OF DISEASE
 (51) Int. Cl.
C07D 217/00 (2006.01)
A61K 31/33 (2006.01)
A61P 27/00 (2006.01)
C07C 237/00 (2006.01)
C07D 401/12 (2006.01)
C07D 409/12 (2006.01)
C07D 417/12 (2006.01)
 (43) 22.07.2021
 (62) 2019210632
 (72) DELONG, Mitchell A.; STURDIVANT, Jill Marie; ROYALTY, Susan M.
 (74) K&L Gates

(71) Aerovironment, Inc.
 (11) AU-A-2021204358
 (21) 2021204358 (22) 25.06.2021
 (54) UAV having hermetically sealed modularized compartments and fluid drain ports
 (51) Int. Cl.
B64C 35/00 (2006.01)
 (43) 22.07.2021
 (62) 2019201561
 (72) BELIK, Pavel; SZAREK, Thomas; TORRES, Gabriel E.; FRAYE, Vernon P.
 (74) Spruson & Ferguson

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2021204336
 (21) 2021204336 (22) 25.06.2021
 (54) Kethexokinase (KHK) iRNA compositions and methods of use thereof
 (51) Int. Cl.

C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
 (43) 22.07.2021
 (62) 2015217301
 (72) FITZGERALD, Kevin; BETTEN-COURT, Brian; HINKLE, Gregory; WILLOUGHBY, Jennifer
 (74) Griffith Hack

(71) Altus NZ Limited
 (11) AU-A-2021204252
 (21) 2021204252 (22) 23.06.2021
 (54) IMPROVEMENTS IN OR RELATING TO WINDOW STAYS
 (51) Int. Cl.
E05D 15/40 (2006.01)
E05D 15/32 (2006.01)
E05D 15/46 (2006.01)
 (43) 22.07.2021
 (62) 2019216641
 (72) Holden, Ronald; Couzyn, Nolan Lloyd; Wadia, Farrokh
 (74) James & Wells Intellectual Property

(71) Altus NZ Limited
 (11) AU-A-2021204253
 (21) 2021204253 (22) 23.06.2021
 (54) IMPROVEMENTS IN OR RELATING TO WINDOW STAYS
 (51) Int. Cl.
E05D 15/40 (2006.01)
E05D 15/32 (2006.01)
E05D 15/46 (2006.01)
 (43) 22.07.2021
 (62) 2020201690
 (72) Holden, Ronald; Couzyn, Nolan Lloyd; Wadia, Farrokh
 (74) James & Wells Intellectual Property

(71) Amgen Inc.
 (11) AU-A-2021204659
 (21) 2021204659 (22) 02.07.2021
 (54) Single-use auto-injector
 (51) Int. Cl.
A61M 5/145 (2006.01)
A61M 5/142 (2006.01)
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)
 (43) 22.07.2021
 (62) 2016347644
 (72) Knudsen, Hans Stenberg; Plambech, Christian; Ohlenschlaeger, Rasmus; Jorgensen, Jorgen
 (74) Shelston IP Pty Ltd.

(71) Anteris Technologies Corporation
 (11) AU-A-2021204333
 (21) 2021204333 (22) 25.06.2021

(54) STERILIZED PACKAGING SYSTEM FOR CATHETER
 (51) Int. Cl.
A61F 2/00 (2006.01)
A61M 25/00 (2006.01)
 (43) 22.07.2021
 (62) 2018304128
 (72) NEETHLING, William Morris Leonard; OLIG, Christopher; BLISS, Scott; PATERSON, Wayne; HAARSTAD, Philip; DOAN, Tuan; PETERSON, Alex; BLAESER, David
 (74) Michael Buck IP

(71) Apple Inc.
 (11) AU-A-2021204255
 (21) 2021204255 (22) 23.06.2021
 (54) Adaptive transfer function for video encoding and decoding
 (51) Int. Cl.
H04N 19/124 (2014.01)
H04N 19/154 (2014.01)
H04N 19/17 (2014.01)
H04N 19/98 (2014.01)
 (43) 22.07.2021
 (62) 2020201023
 (72) TOURAPIS, Alexis; SINGER, David
 (74) FPA Patent Attorneys Pty Ltd

(71) ARB New Zealand Limited
 (11) AU-A-2021204291
 (21) 2021204291 (22) 24.06.2021
 (54) A cover for a utility vehicle
 (51) Int. Cl.
B60P 7/02 (2006.01)
B60J 7/08 (2006.01)
 (43) 22.07.2021
 (62) 2016247199
 (72) Porter, Andrew; Butler, Philip
 (74) FB Rice Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2021204367
 (21) 2021204367 (22) 25.06.2021
 (54) A GAMING SYSTEM AND A METHOD OF GAMING
 (51) Int. Cl.
A63F 13/10 (2006.01)
 (43) 22.07.2021
 (62) 2019203390
 (72) SHAI-HEE, Michael Allan
 (74) Griffith Hack

(71) Arizona Board of Regents on Behalf of the University of Arizona
 (11) AU-A-2021204321
 (21) 2021204321 (22) 24.06.2021
 (54) ENCAPSULATION DEVICE SYSTEMS WITH OXYGEN SENSORS WITH OR

Applications Open to Public Inspection - Name Index cont'd

WITHOUT EXOGENOUS OXYGEN DELIVERY
(51) Int. Cl.
A61F 2/02 (2006.01)
A61M 5/14 (2006.01)
A61M 31/00 (2006.01)
(43) 22.07.2021
(62) 2017355528
(72) Papas, Klearchos K.
(74) Madderns Pty Ltd

(71) Arrowhead Pharmaceuticals, Inc.
(11) AU-A-2021204399
(21) 2021204399 **(22)** 28.06.2021
(54) Compositions and methods for inhibiting gene expression of alpha-1 antitrypsin
(51) Int. Cl.
A61K 38/00 (2006.01)
C12N 15/113 (2010.01)
(43) 22.07.2021
(62) 2015277376
(72) Lewis, David L.; Wakefield, Darren H.; Wooddell, Christine I.; Almeida, Lauren; Kanner, Steven B.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) AsedaSciences AG; Rajwa, B.; Shankey, V.
(11) AU-A-2021204419
(21) 2021204419 **(22)** 28.06.2021
(54) Identification of functional cell states
(51) Int. Cl.
G01N 33/50 (2006.01)
G01N 15/14 (2006.01)
(43) 22.07.2021
(62) 2015206520
(72) Rajwa, Bartlomiej; Shankey, Vincent T.
(74) Shelston IP Pty Ltd.

(71) Autostore Technology AS
(11) AU-A-2021204312
(21) 2021204312 **(22)** 24.06.2021
(54) Robot for transporting storage bins
(51) Int. Cl.
B65G 1/04 (2006.01)
(43) 22.07.2021
(62) 2019204983
(72) HOGNALAND, Ingvar; FJELDHEIM, Ivar; AUSTRHEIM, Trond; BEKKEN, Borge
(74) Griffith Hack

(71) AVERY DENNISON RETAIL INFORMATION SERVICES, LLC
(11) AU-A-2021204308
(21) 2021204308 **(22)** 24.06.2021
(54) PRINTER ACTING AS HOST FOR DEVICE PRINTERS/SCANNERS
(51) Int. Cl.
G06F 3/12 (2006.01)
(43) 22.07.2021
(62) 2016434409
(72) Best, David Eric
(74) Ellis Terry

(71) Base Air Management Limited
(11) AU-A-2021204315
(21) 2021204315 **(22)** 24.06.2021
(54) Symmetrically dynamic equalized volume and pressure air management system
(51) Int. Cl.
B60G 11/00 (2006.01)
(43) 22.07.2021
(62) 2019210591
(72) VAUGHAN, Matthew; CALAWAY, Joseph; LEWIS, David Bryan; AR-RANTS, George
(74) Spruson & Ferguson

(71) Bigfoot Biomedical, Inc.
(11) AU-A-2021204350
(21) 2021204350 **(22)** 25.06.2021
(54) Adjusting Insulin Delivery Rates
(51) Int. Cl.
A61M 5/172 (2006.01)
A61B 5/145 (2006.01)
A61M 5/168 (2006.01)
(43) 22.07.2021
(62) 2017207484
(72) DESBOROUGH, Lane; MAZLISH, Bryan
(74) WRAYS PTY LTD

(71) Bigfoot Biomedical, Inc.
(11) AU-A-2021204355
(21) 2021204355 **(22)** 25.06.2021
(54) Adjusting Insulin Delivery Rates
(51) Int. Cl.
A61M 5/172 (2006.01)
A61B 5/145 (2006.01)
A61M 5/168 (2006.01)
(43) 22.07.2021
(62) 2017207484
(72) DESBOROUGH, Lane; MAZLISH, Bryan
(74) WRAYS PTY LTD

(71) BioGen MA Inc.
(11) AU-A-2021204247
(21) 2021204247 **(22)** 23.06.2021
(54) Pharmaceutical matrix formulations comprising dimethyl fumarate
(51) Int. Cl.
A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61K 9/48 (2006.01)
A61K 31/225 (2006.01)
(43) 22.07.2021
(62) 2015349891
(72) Karki, Shyam B.; Zawaneh, Peter; Leung, Cheuk-Yui; Lin, Yiqing
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Board of Regents of the University of Nebraska
(11) AU-A-2021204269
(21) 2021204269 **(22)** 23.06.2021
(54) Nanofiber structures and methods of synthesis and use thereof
(51) Int. Cl.

A61K 35/12 (2015.01)
A61K 9/70 (2006.01)
A61P 17/00 (2006.01)
(43) 22.07.2021
(62) 2015324028
(72) Jingwei Xie.; Jiang Jiang,
(74) Spruson & Ferguson

(71) Board of Regents of The University of Texas System
(11) AU-A-2021204243
(21) 2021204243 **(22)** 23.06.2021
(54) SURGICAL APPARATUS
(51) Int. Cl.
A61B 17/29 (2006.01)
A61B 34/37 (2016.01)
(43) 22.07.2021
(62) 2020227056
(72) KIM, Daniel H.; SHIN, Dong Suk; JANG, Taeho; PARK, Yongman
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Board of Regents of The University of Texas System
(11) AU-A-2021204249
(21) 2021204249 **(22)** 23.06.2021
(54) SURGICAL APPARATUS
(51) Int. Cl.
A61B 17/29 (2006.01)
A61B 34/37 (2016.01)
(43) 22.07.2021
(62) 2020227057
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Bodor Laboratories, Inc.
(11) AU-A-2021204306
(21) 2021204306 **(22)** 24.06.2021
(54) Methods and compositions for soft anticholinergic esters
(51) Int. Cl.
A61K 31/40 (2006.01)
A61P 1/02 (2006.01)
C07D 207/10 (2006.01)
(43) 22.07.2021
(62) 2016318595
(72) BODOR, Nicholas S.
(74) Griffith Hack

(71) BOSH IP Pty Ltd
(11) AU-A-2021204389
(21) 2021204389 **(22)** 28.06.2021
(54) LADDER LEVELER AND METHOD
(51) Int. Cl.
E06C 7/44 (2006.01)
(43) 22.07.2021
(62) 2019202224
(72) Parker, Thomas W.; Mora, Daniel C.; Beggs, Robert D.
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(71) Cardinal Health 529, LLC
(11) AU-A-2021204275

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 (54) Large lumen guide catheter
 (51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
B29C 70/22 (2006.01)

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 (72) ROGERS, Paul P.; JONES, M. Scott;
 DIEP, Nhut
 (74) Griffith Hack

(71) Carillion Utility Services Ltd
 (11) AU-A-2021204393
 (21) 2021204393 (22) 28.06.2021
 (54) A MATERIAL AND ASSOCIATED
 ARRANGEMENTS, SYSTEMS AND
 METHODS

(51) Int. Cl.
H02G 9/02 (2006.01)
H02G 9/06 (2006.01)
 (43) 22.07.2021
 (62) 2019257392
 (72) WILKINS, Joanne; ROUTLEDGE, Alex-
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(71) Celularity, Inc.
 (11) AU-A-2021204332
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 (54) Placenta-derived adherent cell exo-
 somes and uses thereof

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A61K 35/50 (2015.01)
 (43) 22.07.2021
 (62) 2015330855
 (72) Law, Eric; Morschauer, Andrew;
 Francki, Aleksandar; Paredes, Jennifer;
 Karasiewicz-Mendez, Kathy E.; Re-
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 Ivana
 (74) FB Rice Pty Ltd

(71) Chevron U.S.A. Inc.
 (11) AU-A-2021204300
 (21) 2021204300 (22) 24.06.2021
 (54) Method and system for removing im-
 purities from gas streams using rotating
 packed beds

(51) Int. Cl.
B01D 19/00 (2006.01)
B01D 53/14 (2006.01)
B01D 53/18 (2006.01)
C10L 3/10 (2006.01)
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 Conner, Kelly James
 (74) Davies Collison Cave Pty Ltd

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 (21) 2019257462 (22) 06.01.2020
 (54) STAR PICKETS
 (51) Int. Cl.
E04H 17/08 (2006.01)

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 (43) 22.07.2021
 (72) Handley, Robert
 (74) Spruson & Ferguson

(71) Clawson, J.
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 (21) 2021204370 (22) 26.06.2021
 (54) Meningitis diagnostic and intervention
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 (51) Int. Cl.
G06Q 50/24 (2012.01)

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 (72) CLAWSON, Jeffrey
 (74) Griffith Hack

(71) Couplemate Investments Pty Ltd
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 (54) A TOW HITCH ASSEMBLY
 (51) Int. Cl.
B60D 1/04 (2006.01)
B60D 1/06 (2006.01)
B60D 1/24 (2006.01)

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 (72) Wotherspoon, Stephen Robert
 (74) Wynnes Patent and Trade Mark Attor-
 neys Pty Ltd

(71) CSIdentity Corporation
 (11) AU-A-2021204354
 (21) 2021204354 (22) 25.06.2021
 (54) Authentication systems and methods
 for on-demand products
 (51) Int. Cl.
G06F 7/04 (2006.01)
G06Q 20/38 (2012.01)
H04L 29/06 (2006.01)

(43) 22.07.2021
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 (72) CHAPA, Isaac; HATLEY, Steven;
 ROSS, Joe
 (74) Spruson & Ferguson

(71) Cycleron Therapeutics, Inc.
 (11) AU-A-2021204292
 (21) 2021204292 (22) 24.06.2021
 (54) sGC Stimulators
 (51) Int. Cl.

C07D 413/14 (2006.01)
A61K 31/506 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 15/00 (2006.01)
A61P 25/00 (2006.01)
C07D 403/04 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
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 Thomas Wai-Ho; Hudson, Colleen;

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 Claude; Yu, Xiang Y.; Sheppeck, James
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 fadar; Currie, Mark G.

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 (54) SWEETENED DAIRY PRODUCTS
 WITH STEVIOL GLYCOSIDES AND
 LACTASE ENZYME
 (51) Int. Cl.
A23C 9/12 (2006.01)
A23C 9/123 (2006.01)
A23C 9/13 (2006.01)
A23C 11/10 (2021.01)
A23C 19/09 (2006.01)

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 (62) 2016377689
 (72) McCormick, Casey; Havekotte, Mar-
 garet; Saint-Denis, Thierry
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 neys Pty Ltd

(71) Datalog, LLC
 (11) AU-A-2021204311
 (21) 2021204311 (22) 24.06.2021
 (54) Log scaling system and related meth-
 ods
 (51) Int. Cl.
G01B 11/02 (2006.01)
G01B 11/08 (2006.01)
G06T 7/60 (2017.01)
G08C 17/02 (2006.01)

(43) 22.07.2021
 (62) 2019345242
 (72) STROBLE, David
 (74) Spruson & Ferguson

(71) Datamars SA
 (11) AU-A-2021204413
 (21) 2021204413 (22) 28.06.2021
 (54) AN ELECTRIC FENCE CONNECTOR
 (51) Int. Cl.
A01K 3/00 (2006.01)
E04H 17/00 (2006.01)
 (43) 22.07.2021
 (62) 2019229404
 (72) Pearce, Grant
 (74) Ellis Terry

(71) Deere & Company
 (11) AU-A-2020281138
 (21) 2020281138 (22) 04.12.2020
 (54) Implement hitch system for vertical load
 transfer
 (51) Int. Cl.
B60D 1/24 (2006.01)
B60D 1/46 (2006.01)
 (31) 16/736,038 (32) 07.01.20 (33) US
 (43) 22.07.2021
 (72) Kosmicki, Peter A.; Heimbuch, Ben-
 jamin J.
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 (21) 2020281142 (22) 04.12.2020
 (54) Implement hitch system for vertical load transfer
 (51) Int. Cl.
 B60D 1/32 (2006.01)
 B60D 1/167 (2006.01)
 B60D 1/173 (2006.01)
 B60D 1/46 (2006.01)
 (31) 16/736,035 (32) 07.01.20 (33) US
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(71) DEKA Products Limited Partnership
 (11) AU-A-2021204241
 (21) 2021204241 (22) 23.06.2021
 (54) BLOOD TREATMENT SYSTEMS AND METHODS
 (51) Int. Cl.
 A61M 1/16 (2006.01)
 A61M 1/34 (2006.01)
 A61M 1/36 (2006.01)
 A61M 60/268 (2021.01)
 G06F 1/16 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2021204294
 (21) 2021204294 (22) 24.06.2021
 (54) Zwitterion surface modifications for continuous sensors
 (51) Int. Cl.
 A61B 5/1486 (2006.01)
 A61B 5/145 (2006.01)
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 (72) BOOCK, Robert J.; DRING, Chris W.
 (74) FB Rice Pty Ltd

(71) Dobney, D.
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 (21) 2021200000 (22) 01.01.2021
 (54) GAME SYSTEM, DEVICE AND METHOD FOR PLAYING A GAME
 (51) Int. Cl.
 A63B 71/02 (2006.01)
 G06F 1/16 (2006.01)
 G06K 9/00 (2006.01)
 G06K 19/077 (2006.01)
 A63B 71/06 (2006.01)
 A63F 3/00 (2006.01)
 A63F 3/02 (2006.01)
 (31) UNKNOWN (32) 06.01.20 (33) AU
 (43) 22.07.2021
 (72) Dobney, David
 (74) David Dobney

(71) Dolby International AB
 (11) AU-A-2021204569
 (21) 2021204569 (22) 30.06.2021
 (54) Pitch Filter for Audio Signals and Method for Filtering an Audio Signal with a Pitch Filter
 (51) Int. Cl.
 G10L 19/02 (2013.01)
 G10L 19/26 (2013.01)
 G10L 19/107 (2013.01)
 G10L 19/20 (2013.01)
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 (54) Systems and methods for stabilizer control
 (51) Int. Cl.
 G05B 11/01 (2006.01)
 H02J 3/14 (2006.01)
 H02J 13/00 (2006.01)
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 (62) 2016313644
 (72) TYLER, Stephen J.; POWELL, Phillip W.
 (74) Griffith Hack

(71) Donaldson Company, Inc.
 (11) AU-A-2021204254
 (21) 2021204254 (22) 23.06.2021
 (54) Filter cartridges; air cleaner assemblies; housings; features; components; and, methods
 (51) Int. Cl.
 B01D 46/00 (2006.01)
 (43) 22.07.2021
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 (72) Adamek, Daniel Eric; Brown, Scott; Johnston, Robert Dean; Kalis, Matthew Alan; Manahan, Richard Patrick
 (74) FPA Patent Attorneys Pty Ltd

(71) Ecolab USA Inc.
 (11) AU-A-2021204283
 (21) 2021204283 (22) 24.06.2021
 (54) Molecules having one hydrophobic group and two identical hydrophilic ionic groups and compositions thereof
 (51) Int. Cl.
 C07C 237/06 (2006.01)
 C09K 8/54 (2006.01)
 C09K 15/22 (2006.01)
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 (72) DHAWAN, Ashish; SILVERNAIL, Carter M.; MOLONEY, Jeremy; LAURENT, Boyd A.
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(71) Eddy Current Limited Partnership
 (11) AU-A-2021204270
 (21) 2021204270 (22) 23.06.2021
 (54) AN ASSEMBLY TO CONTROL OR GOVERN RELATIVE SPEED OF MOVEMENT BETWEEN PARTS
 (51) Int. Cl.
 H02K 49/04 (2006.01)
 H02K 49/02 (2006.01)
 (43) 22.07.2021
 (62) 2019201311
 (72) Diehl, Andrew Karl; Wright, Kevin A.
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(71) Epizyme, Inc.; The Regents of the University of Colorado, a Body Corporate
 (11) AU-A-2021204331
 (21) 2021204331 (22) 25.06.2021
 (54) METHOD OF TREATING MEDULLOBLASTOMA WITH AN EZH2 INHIBITOR
 (51) Int. Cl.
 A61K 31/501 (2006.01)
 A61K 31/5377 (2006.01)
 C07D 211/86 (2006.01)
 C07D 405/12 (2006.01)
 C07D 405/14 (2006.01)
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 (62) 2016333982
 (72) Keilhack, Heike; Waters, Nigel J.; Vibhakar, Rajeev
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) EPOCH Company, Ltd.
 (11) AU-A-2021204359
 (21) 2021204359 (22) 25.06.2021
 (54) Fusible toy bead
 (51) Int. Cl.
 A63H 33/06 (2006.01)
 A63H 33/14 (2006.01)
 (43) 22.07.2021
 (62) 2019271887
 (72) SAKAI, Ryo
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(71) EQO, Inc.
 (11) AU-A-2020257088
 (21) 2020257088 (22) 21.10.2020
 (54) Apparatus and method for remote capture of a genetic snapshot of an aqueous body
 (51) Int. Cl.
 G01N 33/18 (2006.01)
 (31) 16/736,671 (32) 07.01.20 (33) US
 (43) 22.07.2021
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 (74) Shelston IP Pty Ltd.

(71) Evapco, Inc.
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 (21) 2021204295 (22) 24.06.2021
 (54) Bi-directional fill for use in cooling towers
 (51) Int. Cl.

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(74) Davies Collison Cave Pty Ltd

(71) EXELIXIS, INC.
(11) AU-A-2021204278
(21) 2021204278 **(22)** 24.06.2021
(54) CRYSTALLINE SOLID FORMS OF N-(4-[(6,7-DIMETHOXYQUINOLIN-4-YL)OXY]PHENYL)-N'-(4-FLUOROPHENYL) CYCLOPROPANE-1,1-DICARBOXAMIDE, PROCESSES FOR MAKING, AND METHODS OF USE
(51) Int. Cl.
C07D 215/22 (2006.01)
A61K 31/47 (2006.01)
A61P 35/00 (2006.01)
(43) 22.07.2021
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(74) AJ PARK

(71) F. Hoffmann-La Roche AG
(11) AU-A-2021204303
(21) 2021204303 **(22)** 24.06.2021
(54) 7-substituted sulfonimidoyl-purinone compounds for the treatment and prophylaxis of virus infection
(51) Int. Cl.
C07D 473/24 (2006.01)
A61K 31/522 (2006.01)
A61P 31/00 (2006.01)
(43) 22.07.2021
(62) 2017320742
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(74) Spruson & Ferguson

(71) FEMPULSE, LLC; HAESSLER, A.
(11) AU-A-2021204262
(21) 2021204262 **(22)** 23.06.2021
(54) DEVICES AND METHODS FOR STIMULATING NERVES
(51) Int. Cl.
A61N 1/05 (2006.01)
A61B 5/053 (2021.01)
A61N 1/36 (2006.01)
A61N 1/375 (2006.01)
(43) 22.07.2021
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(72) HAESSLER, Alexandra
(74) Baxter Patent Attorneys Pty Ltd

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(11) AU-A-2021204317
(21) 2021204317 **(22)** 24.06.2021
(54) Rock Bolt
(51) Int. Cl.

E21D 21/00 (2006.01)
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(72) ALINGTON, Adrian; MALTBY, David
(74) WRAYS PTY LTD

(71) Gen9, Inc.
(11) AU-A-2021204364
(21) 2021204364 **(22)** 25.06.2021
(54) Methods For Sorting Nucleic Acids and Multiplexed Preparative In Vitro Cloning
(51) Int. Cl.
C12N 15/10 (2006.01)
C12P 19/34 (2006.01)
C12Q 1/68 (2018.01)
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(74) WRAYS PTY LTD

(71) Genentech, Inc.
(11) AU-A-2021204400
(21) 2021204400 **(22)** 28.06.2021
(54) Cystine knot scaffold platform
(51) Int. Cl.
C07K 14/81 (2006.01)
A61K 38/00 (2006.01)
C07K 14/415 (2006.01)
C07K 14/47 (2006.01)
(43) 22.07.2021
(62) 2016323445
(72) HANNOUSH, Rami; KALUARACHCHI, Harini; NILE, Aaron; NOLAND, Cameron; ZHANG, Yingnan; ZHOU, Lijuan; GAO, Xinxin
(74) Griffith Hack

(71) Geneohm Sciences Canada, Inc.
(11) AU-A-2021204340
(21) 2021204340 **(22)** 25.06.2021
(54) Sequences for detection and identification of methicillin-resistant Staphylococcus aureus (MRSA) of MREP type xxi
(51) Int. Cl.
C12Q 1/68 (2018.01)
C07H 21/04 (2006.01)
C12N 15/31 (2006.01)
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(62) 2019200071
(72) MENARD, Christian; ROGER-DALBERT, Celine
(74) FB Rice Pty Ltd

(71) Genomatica, Inc.
(11) AU-A-2021204276
(21) 2021204276 **(22)** 24.06.2021
(54) MICROORGANISMS AND METHODS FOR THE BIOSYNTHESIS OF ADIPATE, HEXAMETHYLENEDIAMINE AND 6-AMINOCAPROIC ACID
(51) Int. Cl.
C12N 1/21 (2006.01)
C12P 7/44 (2006.01)
C12P 13/04 (2006.01)

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(62) 2018204702
(72) Burk, Mark J.; Burgard, Anthony P.; Osterhout, Robin E.; Pharkya, Priti
(74) HENRY HUGHES IP LTD

(71) Gilead Pharmasset LLC
(11) AU-A-2021204238
(21) 2021204238 **(22)** 23.06.2021
(54) Inhibitors of Hepatitis C virus
(51) Int. Cl.
C07D 491/18 (2006.01)
A61K 31/4995 (2006.01)
A61P 31/14 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

(71) Glaxo Group Limited
(11) AU-A-2021204302
(21) 2021204302 **(22)** 24.06.2021
(54) COMBINATIONS OF A MUSCARINIC RECEPTOR ANTAGONIST AND A BETA-2 ADRENORECEPTOR AGONIST
(51) Int. Cl.
A61K 31/138 (2006.01)
A61K 31/439 (2006.01)
A61K 45/06 (2006.01)
A61P 11/06 (2006.01)
A61P 11/08 (2006.01)
(43) 22.07.2021
(62) 2018282427
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(74) Phillips Ormonde Fitzpatrick

(71) Google LLC
(11) AU-A-2021203991
(21) 2021203991 **(22)** 16.06.2021
(54) AUTOMATIC QUBIT CALIBRATION
(51) Int. Cl.
G06N 10/00 (2019.01)
G06F 11/00 (2006.01)
G06N 99/00 (2019.01)
H03M 13/11 (2006.01)
(43) 22.07.2021
(62) 2020239709
(72) Kelly, Julian Shaw
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Gratton-Wilson, L.
(11) AU-A-2020200159
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 (51) Int. Cl.
A01K 61/90 (2017.01)
A22C 29/00 (2006.01)
 (31) 2020900025 (32) 07.01.20 (33) AU
 (43) 22.07.2021
 (72) Gratton-Wilson, Gerard Leif
 (74) James Arthur Lemon

(71) GW Research Limited
 (11) AU-A-2021204353
 (21) 2021204353 (22) 25.06.2021
 (54) Use of cannabinoids in the treatment of epilepsy
 (51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/352 (2006.01)
A61K 36/185 (2006.01)
A61P 25/08 (2006.01)
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 (72) Guy, Geoffrey; Wright, Stephen; Mead, Alice; Devinsky, Orrin
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021204262

Handley, R. see CIVIL ASSIST PTY. LTD.
 (21) 2019257462

(71) Hanmi Pharm. Co., Ltd.
 (11) AU-A-2021204259
 (21) 2021204259 (22) 23.06.2021
 (54) Oral solid formulation containing irinotecan and method of preparing the same
 (51) Int. Cl.
A61K 47/12 (2006.01)
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
A61K 31/4745 (2006.01)
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 (72) PARK, Caleb Hyung Min; JUNG, Myeong Ki; KIM, Jin Cheul; KIM, Yong Il; PARK, Jae Hyun; WOO, Jong Soo
 (74) Griffith Hack

(71) Harris Research, Inc.
 (11) AU-A-2021204239
 (21) 2021204239 (22) 23.06.2021
 (54) STAIN AND ODOR TREATMENT
 (51) Int. Cl.
C11D 17/06 (2006.01)
C11D 3/00 (2006.01)
C11D 3/04 (2006.01)
C11D 3/10 (2006.01)
C11D 11/00 (2006.01)
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 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Hollister Incorporated
 (11) AU-A-2021204405
 (21) 2021204405 (22) 28.06.2021
 (54) Buffered Adhesive Compositions for Skin-Adhering Medical Products
 (51) Int. Cl.
A61L 15/58 (2006.01)
A61F 13/02 (2006.01)
A61L 24/00 (2006.01)
A61L 26/00 (2006.01)
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B32B 7/12 (2006.01)
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 (72) Wohlgemuth, Jan; Mack, Mette; Rikhof, Carsten; Skov, Peter; Nielsen, Kristofer; Ladefoged, Per; Nielsen, Kenneth; Taylor, Michael; Murahata, Richard
 (74) AJ Pietras IP Limited

(71) Illumina, Inc.
 (11) AU-A-2021204323
 (21) 2021204323 (22) 24.06.2021
 (54) Sensor System
 (51) Int. Cl.
H01L 27/146 (2006.01)
H01L 23/00 (2006.01)
H01L 23/48 (2006.01)
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 (74) WRAYS PTY LTD

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 (54) Improved anti-nuclear antibody detection and diagnostics for systemic and non-systemic autoimmune disorders
 (51) Int. Cl.
G01N 33/564 (2006.01)
C07K 14/475 (2006.01)
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 (72) SURESH, Lakshmanan; MALYAV-ANTHAM, Kishore
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 (21) 2021204263 (22) 23.06.2021
 (54) Dosages of immunoconjugates of antibodies and SN-38 for improved efficacy and decreased toxicity
 (51) Int. Cl.
A61K 51/00 (2006.01)
A61K 39/00 (2006.01)
A61M 36/14 (2006.01)

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 (72) Goldenberg, David M.; Govindan, Serengulam V.
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021204282 (22) 24.06.2021
 (54) Platform for secure communications with medical device
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
G06F 21/00 (2013.01)
G06F 21/60 (2013.01)
G06F 21/62 (2013.01)
H04L 9/00 (2006.01)
H04L 9/32 (2006.01)
H04L 29/06 (2006.01)
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 (72) Rondoni, John; Dieken, Dave
 (74) FB Rice Pty Ltd

(71) Integrated DNA Technologies, Inc.
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 (54) CRISPR-based compositions and methods of use
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C12N 15/11 (2006.01)
 (43) 22.07.2021
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 (72) Collingwood, Michael Allen; Jacobi, Ashley Mae; Rettig, Garrett Richard; Schubert, Mollie Sue; Behlke, Mark Aaron
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(71) Ionis Pharmaceuticals, Inc.
 (11) AU-A-2021204244
 (21) 2021204244 (22) 23.06.2021
 (54) CONJUGATED ANTISENSE COMPOUNDS AND THEIR USE
 (51) Int. Cl.
C07H 21/00 (2006.01)
A61K 38/00 (2006.01)
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 (74) RnB IP Pty Ltd

(71) Ivantis, Inc.
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 (21) 2021204344 (22) 25.06.2021
 (54) Ocular implant with pressure sensor and delivery system
 (51) Int. Cl.
A61B 3/16 (2006.01)
A61F 2/14 (2006.01)
A61F 2/16 (2006.01)
A61F 9/00 (2006.01)
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 (54) Failure detector and failure detection method

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F02B 77/08 (2006.01)
B60K 13/04 (2006.01)
F01N 11/00 (2006.01)
F02D 41/22 (2006.01)
G05B 23/00 (2006.01)

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 (72) UOZUMI, Akifumi; TOYOTA, Tadashi; MURATA, Dai
 (74) Griffith Hack

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 (54) Synergistic composition for osteoarthritis

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A61K 36/9066 (2006.01)

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 (74) Acumen Intellectual Property

(71) Lee, H.

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 (21) 2021204242 (22) 23.06.2021
 (54) MOBILE ELECTRIC LEAKAGE DETECTION DEVICE AND METHOD

(51) Int. Cl.
G01R 31/28 (2006.01)

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 (72) Lee, Hyun Chang
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(71) Levitation Sciences LLC

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 (54) Active mattress encasement

(51) Int. Cl.
A47C 21/06 (2006.01)

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(51) Int. Cl.
F21V 33/00 (2006.01)
F21S 9/02 (2006.01)
G08B 7/06 (2006.01)
G08B 19/00 (2006.01)
G08B 17/10 (2006.01)
G09F 27/00 (2006.01)
F21Y 115/10 (2016.01)
F21Y 115/30 (2016.01)

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 (72) Lewis, Mitchell Lee
 (74) TJIP Patents, Trade Marks & Designs

(71) LG ELECTRONICS INC

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 (54) Clothes Treating Apparatus

(51) Int. Cl.
D06F 39/08 (2006.01)

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 (74) Dentons Patent Attorneys Australasia Limited

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 (21) 2021204343 (22) 25.06.2021
 (54) Intra-prediction method, and encoder and decoder using same

(51) Int. Cl.
H04N 19/105 (2014.01)
H04N 19/10 (2014.01)
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 (74) Davies Collison Cave Pty Ltd

(71) Lytix Biopharma AS

(11) AU-A-2021204356
 (21) 2021204356 (22) 25.06.2021
 (54) IMMUNE CHECKPOINT INHIBITOR COMBINATIONS

(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/08 (2019.01)

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 (74) Phillips Ormonde Fitzpatrick

(71) Magic Leap, Inc.

(11) AU-A-2021204281
 (21) 2021204281 (22) 24.06.2021
 (54) Augmented reality pulse oximetry
 (51) Int. Cl.
A61B 5/1455 (2006.01)

A61B 3/12 (2006.01)

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 (72) Samec, Nicole Elizabeth; Kaehler, Adrian
 (74) Davies Collison Cave Pty Ltd

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(51) Int. Cl.
G06T 17/05 (2011.01)
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H04N 13/20 (2018.01)

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 (72) Wei, Xiaolin; Zhang, Yifu
 (74) Davies Collison Cave Pty Ltd

(71) MARA RENEWABLES CORPORATION

(11) AU-A-2021204322
 (21) 2021204322 (22) 24.06.2021
 (54) Methods for producing biomass rich in DHA, palmitic acid and protein using a eukaryotic microorganism

(51) Int. Cl.
C12N 1/12 (2006.01)
A23K 10/10 (2016.01)
A23K 20/142 (2016.01)
A23K 50/80 (2016.01)
A23L 33/115 (2016.01)
A23L 33/17 (2016.01)

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(51) Int. Cl.
A01D 34/416 (2006.01)
A01D 34/90 (2006.01)
B26B 29/06 (2006.01)

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 (72) McBow, George Robert
 (74) TJIP Patents, Trade Marks & Designs

(71) MedImmune, LLC

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 (54) RSV-SPECIFIC ANTIBODIES AND FUNCTIONAL PARTS THEREOF

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A61K 39/155 (2006.01)
A61K 39/42 (2006.01)

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 (11) AU-A-2021204351
 (21) 2021204351 (22) 25.06.2021
 (54) Fluidic test cassette
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G01N 21/05 (2006.01)
G01N 21/13 (2006.01)
G01N 21/65 (2006.01)
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 (11) AU-A-2021204256
 (21) 2021204256 (22) 23.06.2021
 (54) A LINING FOR A HAUL TRUCK BODY, A TRANSITION LINING ELEMENT AND A METHOD FOR FASTENING A LINING
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B60P 1/28 (2006.01)
B60R 13/01 (2006.01)
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(71) Nitto Denko Corporation
 (11) AU-A-2021204418
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 (54) URINALYSIS DEVICE AND DRY REAGENT
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G01N 21/25 (2006.01)
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G10D 3/16 (2020.01)
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 (74) Anthony Steven O'Meara

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 (54) Apparatus and method for characterization of acute otitis media
 (51) Int. Cl.
A61B 5/12 (2006.01)
G01H 15/00 (2006.01)

G01H 17/00 (2006.01)
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(71) Perfecrete Pty Ltd
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 (21) 2021204345 (22) 25.06.2021
 (54) Screed plug, screeding guide and screeding method
 (51) Int. Cl.
E04F 21/24 (2006.01)
E03F 5/04 (2006.01)
 (43) 22.07.2021
 (62) 2019283941
 (72) Ford, Rob
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(71) Porifera, Inc.
 (11) AU-A-2021204374
 (21) 2021204374 (22) 28.06.2021
 (54) METHODS OF DEWATERING OF ALCOHOLIC SOLUTIONS VIA FORWARD OSMOSIS AND RELATED SYSTEMS
 (51) Int. Cl.
C12H 3/04 (2019.01)
B01D 3/14 (2006.01)
B01D 61/00 (2006.01)
C12H 1/06 (2006.01)
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(71) Pronova BioPharma Norge AS
 (11) AU-A-2021204406
 (21) 2021204406 (22) 28.06.2021
 (54) Use of structurally enhanced fatty acids containing sulphur for preventing and/or treating non-alcoholic steatohepatitis
 (51) Int. Cl.
A61K 31/19 (2006.01)
A61K 31/22 (2006.01)
A61P 1/16 (2006.01)
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 (72) Steineger, Hilde
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(71) Protective Innovations Pty Ltd
 (11) AU-A-2021200105
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 (54) Anomalous neutral electrical protection apparatus
 (51) Int. Cl.
G01R 31/11 (2006.01)
G01R 31/52 (2020.01)
H02H 3/33 (2006.01)
H01H 71/00 (2006.01)
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 (74) Patenteur Pty Ltd

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 (21) 2021200056 (22) 06.01.2021
 (54) DRIVE ASSEMBLY
 (51) Int. Cl.
B05B 15/68 (2018.01)
A62C 27/00 (2006.01)
B05B 13/00 (2006.01)
F15B 15/20 (2006.01)
F15B 15/22 (2006.01)
F41B 9/00 (2006.01)
 (31) 2020900020 (32) 06.01.20 (33) AU
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 (72) JONES, Simon
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 (21) 2021204419

(71) Rani Therapeutics, LLC
 (11) AU-A-2021203778
 (21) 2021203778 (22) 08.06.2021
 (54) Device for oral delivery of therapeutic compounds
 (51) Int. Cl.
A61J 3/07 (2006.01)
A61K 9/48 (2006.01)
A61K 9/52 (2006.01)
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 (72) IMRAN, Mir; HERRMANN, Peter; SYED, Baber; WILLIAMS, Timothy H.; JIN ONG, Chang; METHOD, Greg
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(71) RA Pharmaceuticals, Inc.
 (11) AU-A-2021204313
 (21) 2021204313 (22) 24.06.2021
 (54) Modulation of complement activity
 (51) Int. Cl.
C07K 2/00 (2006.01)
A61K 38/00 (2006.01)
A61K 38/06 (2006.01)
A61K 38/07 (2006.01)
A61K 38/10 (2006.01)
C07K 4/00 (2006.01)
C07K 5/00 (2006.01)
C07K 7/00 (2006.01)
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G01S 7/481 (2006.01)
 (31) 62/956,434 (32) 02.01.20 (33) US
 17/015,502 09.09.20 US
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 (74) RnB IP Pty Ltd

(71) RCM Enterprise, LLC
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 (54) BIO-MECHANICAL PROSTHETIC THUMB
 (51) Int. Cl.
A61F 2/00 (2006.01)
A61F 2/42 (2006.01)
A61F 2/50 (2006.01)
A61F 2/54 (2006.01)
A61F 2/56 (2006.01)
A61F 2/58 (2006.01)
A61F 5/00 (2006.01)
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(71) Regents of the University of Minnesota
 (11) AU-A-2021204326
 (21) 2021204326 (22) 25.06.2021
 (54) Spectral-spatial imaging device
 (51) Int. Cl.
G01J 3/02 (2006.01)
G01J 3/28 (2006.01)
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 (72) Vince, Robert; More, Swati Sudhakar; Beach, James Melvin
 (74) FPA Patent Attorneys Pty Ltd

(71) Royal Melbourne Institute of Technology
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 (21) 2021204316 (22) 24.06.2021
 (54) A MAGNETO-ENCEPHALOGRAPHY DEVICE
 (51) Int. Cl.
A61B 5/245 (2021.01)
G01R 33/26 (2006.01)
H01S 3/091 (2006.01)
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 (11) AU-A-2021204410
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(54) Neuroactive steroids, compositions, and uses thereof
 (51) Int. Cl.
C07J 5/00 (2006.01)
A61K 31/57 (2006.01)
A61K 31/58 (2006.01)
A61P 25/00 (2006.01)
C07J 7/00 (2006.01)
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(71) Schneider Electric USA, Inc.
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 (54) Smart Capacitor
 (51) Int. Cl.
H01G 4/38 (2006.01)
G05F 1/70 (2006.01)
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 (74) WRAYS PTY LTD

(71) Seegene, Inc.
 (11) AU-A-2021204362
 (21) 2021204362 (22) 25.06.2021
 (54) Modules for transferring magnetic beads, automated system comprising the same and method for nucleic acid extraction using the same
 (51) Int. Cl.
G01N 35/00 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
G01N 35/10 (2006.01)
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(71) SenseTime International Pte. Ltd.
 (11) AU-A-2020323956
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 (54) Image processing method and apparatus, electronic device, and storage medium
 (51) Int. Cl.
G06K 9/00 (2006.01)
 (31) 10201913754X (32) 30.12.19 (33) SG
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 (72) CAI, Zhongang; YU, Cunjun; ZHAO, Haiyu; YI, Shuai
 (74) AJ PARK

(71) Shandong University of Science and Technology; Tiandi Science & Technology Co., Ltd.
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 (54) System for navigation detection and inclination measurement of advanced hydraulic supports
 (51) Int. Cl.
E21F 17/18 (2006.01)
G01C 9/00 (2006.01)
G01S 15/08 (2006.01)
G01S 15/93 (2020.01)
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 (74) FB Rice Pty Ltd

Shankey, V. see AsedaSciences AG
 (21) 2021204419

(71) Silverstar Marine Pty Ltd
 (11) AU-A-2020204025
 (21) 2020204025 (22) 17.06.2020
 (54) Fireboat and system for operation of same
 (51) Int. Cl.
B63H 1/02 (2006.01)
A62C 29/00 (2006.01)
B63H 11/00 (2006.01)
B63H 21/14 (2006.01)
B63H 21/21 (2006.01)
B63H 21/38 (2006.01)
B63H 23/18 (2006.01)
B63J 3/00 (2006.01)
B63J 3/02 (2006.01)
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 (72) Knight, Simon Peter
 (74) Davies Collison Cave Pty Ltd

(71) Snap-on Incorporated
 (11) AU-A-2020286334
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 (54) Pivoting swivel illumination device
 (51) Int. Cl.
F21V 19/02 (2006.01)
F21V 21/26 (2006.01)
 (31) 16/736,406 (32) 07.01.20 (33) US
 (43) 22.07.2021
 (72) BASHLEBEN, Craig
 (74) Griffith Hack

(71) Socure Inc.
 (11) AU-A-2021204286
 (21) 2021204286 (22) 24.06.2021
 (54) Risk assessment using social networking data
 (51) Int. Cl.
G06Q 99/00 (2006.01)
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 (54) Solar thermal unit
 (51) Int. Cl.
F24S 10/50 (2018.01)
F24S 10/00 (2018.01)
F24S 10/55 (2018.01)
F24S 10/60 (2018.01)
F24S 10/80 (2018.01)
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 (72) Friesen, Cody; Robinson, Michael;
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 Justin Zachary
 (74) Spruson & Ferguson

(71) Spinal Developments Pty Ltd
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 (54) Spinal alignment and securement
 (51) Int. Cl.
A61B 17/70 (2006.01)
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 (72) Roger, Gregory James; Saravanja, Dav-
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(71) Spogen Biotech Inc.
 (11) AU-A-2021204089
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 (54) Fusion proteins, recombinant bacteria,
 and methods for using recombinant
 bacteria
 (51) Int. Cl.
C12N 1/20 (2006.01)
C07K 14/32 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attor-
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 and reusable clear stickers to allow the
 owner to design their board to suit their
 needs at the time.
 (51) Int. Cl.
G09F 7/00 (2006.01)
G09F 9/00 (2006.01)
G09F 15/00 (2006.01)
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 (72) Staples, Joanne Louise
 (74) Joanne Louise Staples

(71) Steelcase Inc.
 (11) AU-A-2021204268
 (21) 2021204268 (22) 23.06.2021
 (54) Seating arrangement
 (51) Int. Cl.
A47C 3/00 (2006.01)
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 Smith, Bruce Michael; Spoelhof, Mark
 William
 (74) FB Rice Pty Ltd

(71) Sweet Green Fields USA LLC
 (11) AU-A-2021204391
 (21) 2021204391 (22) 28.06.2021
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 osylated derivatives and stevia com-
 ponents
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A23L 27/30 (2016.01)

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 (74) Shelston IP Pty Ltd.

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 (21) 2021204365 (22) 25.06.2021
 (54) METHOD AND DEVICE FOR VAPOR-
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 ATED SUBSTANCES
 (51) Int. Cl.
A24F 47/00 (2020.01)
A61M 11/04 (2006.01)
A61M 15/00 (2006.01)
A61M 16/20 (2006.01)
A61J 1/03 (2006.01)

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 KROLL, Asaf; SCHWARTZ, Binyamin
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 TED AREA FOR INK WRITING DATA
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B42D 25/425 (2014.01)

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 (72) Kaskiala, Toni
 (74) Phillips Ormonde Fitzpatrick

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 (51) Int. Cl.
G01N 29/30 (2006.01)
G01B 17/00 (2006.01)
G01H 1/12 (2006.01)
G01N 29/06 (2006.01)
G01N 29/42 (2006.01)
G01N 29/44 (2006.01)

(31) 16/733,909 (32) 03.01.20 (33) US
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G06T 7/521 (2017.01)
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G06T 19/20 (2011.01)
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 hoc data processing on a source node
 (51) Int. Cl.
G06F 8/60 (2018.01)
H04L 9/32 (2006.01)
H04W 4/70 (2018.01)
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 ods of forming thereof
 (51) Int. Cl.
B31F 5/02 (2006.01)
E04C 2/36 (2006.01)
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 mune tolerance
 (51) Int. Cl.
A61K 31/409 (2006.01)
A61K 31/366 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 (51) Int. Cl.
C12N 5/00 (2006.01)
 (43) 22.07.2021
 (62) 2018214122
 (72) Young, Michael J.; Baranov, Petr Y.
 (74) HENRY HUGHES IP LTD

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 (11) AU-A-2021204246
 (21) 2021204246 (22) 23.06.2021
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 (51) Int. Cl.
C22B 3/16 (2006.01)
C01G 3/00 (2006.01)
C01G 49/00 (2006.01)
C22B 3/26 (2006.01)
C22B 15/00 (2006.01)
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C22B 23/00 (2006.01)
C25C 1/12 (2006.01)
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 (21) 2020356798

(71) Truphone Limited
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 (21) 2021204338 (22) 25.06.2021
 (54) Telecommunications Directory Services
 (51) Int. Cl.
H04L 29/06 (2006.01)
G06Q 50/00 (2012.01)
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(71) VapoTherm, Inc.
 (11) AU-A-2021204372
 (21) 2021204372 (22) 26.06.2021
 (54) HIGH FLOW THERAPY WITH BUILT-IN OXYGEN CONCENTRATOR
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A61M 16/10 (2006.01)
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 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Vetco Gray Inc.
 (11) AU-A-2021204237
 (21) 2021204237 (22) 23.06.2021
 (54) Self-limiting c-ring system and method
 (51) Int. Cl.
E21B 17/02 (2006.01)
F16L 37/088 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021204411 (22) 28.06.2021
 (54) Material flow amplifier
 (51) Int. Cl.
F15D 1/04 (2006.01)
B01F 3/00 (2006.01)
B01F 3/08 (2006.01)
B01F 3/10 (2006.01)
B01F 3/12 (2006.01)
B01F 3/18 (2006.01)
B01F 5/00 (2006.01)
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 (72) SCHMIDT, Paul Wayne; GHOSH, Avijit
 (74) Spruson & Ferguson

(71) Wayne State University
 (11) AU-A-2021204416
 (21) 2021204416 (22) 28.06.2021
 (54) A modified mGluR6 promoter and methods of use
 (51) Int. Cl.
C12N 15/67 (2006.01)
A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
C12N 15/861 (2006.01)
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(71) Xorail, LLC
 (11) AU-A-2020294236
 (21) 2020294236 (22) 23.12.2020
 (54) OBSTRUCTION DETECTION SYSTEM
 (51) Int. Cl.

G08G 9/02 (2006.01)
B61L 29/00 (2006.01)
 (31) 16/733,465 (32) 03.01.20 (33) US
 (43) 22.07.2021
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 (74) Phillips Ormonde Fitzpatrick

(71) Zebra Technologies Corporation
 (11) AU-A-2020289885
 (21) 2020289885 (22) 21.12.2020
 (54) Method to synchronize a barcode decode with a video camera to improve accuracy of retail POS loss prevention
 (51) Int. Cl.
H04N 1/34 (2006.01)
A47F 9/04 (2006.01)
G07G 1/00 (2006.01)
 (31) 16/736,632 (32) 07.01.20 (33) US
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 (72) FJELLSTAD, Christopher J.; GURURAJA, Abhilash; WILFRED, Sajan; DAEMPFLER, Vincent J.
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(71) Zogenix International Limited
 (11) AU-A-2021204250
 (21) 2021204250 (22) 23.06.2021
 (54) Formulation for inhibiting formation of 5-HT 2B agonists and methods of using same
 (51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/05 (2006.01)
A61K 31/137 (2006.01)
A61K 31/36 (2006.01)
A61K 31/551 (2006.01)
A61P 3/04 (2006.01)
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C10L 3/- 2021204300	E04F 21/- 2021204345	G01C 9/- 2020356798	G06K 19/- 2021200000	H01G 4/- 2020281018
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A01C 21/00 (2006.01)
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C05C 9/00 (2006.01)
C05D 1/00 (2006.01)
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C25B 11/091 (2021.01)
H01M 4/04 (2006.01)
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C25B 1/22 (2006.01)

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B01D 53/78 (2006.01)

C01B 17/84 (2006.01)

C01B 21/40 (2006.01)

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A63B 22/06 (2006.01)

B62K 3/00 (2006.01)

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A23L 2/02 (2006.01)

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 C09D 163/00 (2006.01)
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C01B 3/02 (2006.01)
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C01G 29/00 (2006.01)
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C09K 11/65 (2006.01)
G01N 21/64 (2006.01)
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E03C 1/30 (2006.01)
G01M 3/02 (2006.01)
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H02S 10/12 (2014.01)
H02S 10/40 (2014.01)
B60K 16/00 (2020.01)
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C23C 28/04 (2006.01)
C04B 35/45 (2006.01)
H01B 12/00 (2006.01)
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A61K 36/9068 (2006.01)
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 C25B 11/073 (2021.01)
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 (11) AU-A-2021102750
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 (54) A mine ventilation system
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 (11) AU-A-2021102928
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 (51) Int. Cl.
 E04B 1/68 (2006.01)
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 (72) ROUF, Rumi
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) University of South China
 (11) AU-A-2021101526
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 (51) Int. Cl.
 G01L 11/02 (2006.01)
 E21C 37/14 (2006.01)
 G01F 1/00 (2006.01)
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 (31) 202010997913.0 (32) 21.09.20 (33) CN
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UPPUTURI, R. see GARIMELLA, R.C.
 (21) 2021102606

Verma, T.N. see Sinha, S.
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Verma, S.R. see Ballal, M.S.
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V G, B. see Benal, M.M.
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 (11) AU-A-2021102400
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C01B 25/32 (2006.01)
A61L 27/06 (2006.01)
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C23C 18/16 (2006.01)
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E04G 21/16 (2006.01)
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F24F 110/10 (2018.01)
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A23K 10/30 (2016.01)
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G01N 13/00 (2006.01)
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Yashwanth, N. see D, K.

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A23K 50/80 (2016.01)
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G02B 1/00 (2006.01)
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G06N 3/00 (2006.01)
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A61M 60/37 (2021.01)

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C02F 3/12 (2006.01)
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C02F 3/34 (2006.01)
C12N 1/20 (2006.01)
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G06T 7/223 (2017.01)
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G08B 21/18 (2006.01)
H01M 10/48 (2006.01)

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A23K 10/30 (2016.01)
A23K 20/142 (2016.01)
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A23K 20/26 (2016.01)
A23K 40/25 (2016.01)

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A23K 50/30 (2016.01)
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2016102467	5th Element Limited	2021102743	Waddell, S.
2016102470	Société des Produits Nestlé S.A.	2021102745	Balamourougane, J.S.; S., V.P.; Jule, L.T.; Dessie, A.; Kumar, V.; Eshetu, B.; A., H.L.; Kumar, T.C.A.; T., S.; Kandavalli, S.R.
2017101906	Outotec (Finland) Oy	2021102747	ZHEJIANG BOHUA E.T.E CO.,LTD.; GUANGDONG WATER CO.,LTD.
2017101907	Outotec (Finland) Oy	2021102750	Underground Extraction Technologies Pty Ltd
2017101911	Dotty Digital Pty Ltd	2021102754	Bond Chemicals Pty Ltd
2018102213	Honeycomb Media Pty Ltd	2021102765	RASOOL, S.; DULHARE, U.N.; KONDURU, D.P.; TAM-RAKAR, P.K.; KRISHNA, B.; AFROZ, M.; AHMED, M.Z. Jiao, L.
2019101804	Liu, D.	2021102784	Tianjin Research Institute for Water Transport Engineering, Ministry of Transport, P.R. China
2019101806	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	2021102788	BT Engineering Group Pty Ltd
2019101807	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	2021102800	Patel, R.P.; Chakrabarti, T.; Hati, A.S.; Mahalingam, M.; Saravanan, K.G.; Patel, I.; Krishna, P.; Kumar, Y.; Gowrishankar, K.; Kumara, V.; Chakrabarti, P.; Sophia, S.
2020104050	Lovely Professional University	2021102812	Lovely Professional University
2020104428	Fuzhou University	2021102818	Lovely Professional University
2020104435	Qingdao Haigao Design and Manufacturing Co., Ltd; Haier Smart Home Co., Ltd	2021102825	Yangtze University
2021101434	Zhejiang citrus research institute	2021102826	The Amey Family Trust; Amey, A.; Amey, T.
2021101526	University of South China	2021102829	Glassock-Warren, H.
2021101720	Nagwanshi, K.K.; Gupta, C.P.; Sohani, M.; Chhabra, G.S.; Bhattacharya, R.; Trivedi, A.; Jharia, B.	2021102831	Tianjin Institute of Environmental and Operational Medicine, Tianjin, China
2021101804	PURI, S.; PALLATHADKA, H.; ROUTRAY, A.R.; MAKKAR, S.	2021102833	Yangzhou University
2021101852	Ananth, A.; J, V.; Shetty, D.; Naveen, R.; Shetty, C.; Bhat, S.; D, P.; N, A.; Nargis, T.; Hegde, P.	2021102847	Annamalai, K.; Chakrabarti, T.; Kumar, G.A.; Battula, S.K.; Chinka, S.S.B.; Chinnam, D.S.P.; Mandru, S.K.; Sanaka, R.; Jaglan, V.; Hati, A.S.; Chakrabarti, P.; kaur, G.
2021101878	Jain, S.; Kumar, A.; Bhardwaj, V.P.; Sharma, D.K.; Kaushik, K.; Srikanth, P.; Singh, A.	2021102854	Qilu University of Technology
2021101902	QINGDAO AGRICULTURAL UNIVERSITY	2021102859	Suining Central Hospital
2021102039	Jilin University	2021102860	Kunming University of Science & Technology
2021102040	Jiujiang University	2021102862	Raftos, J.
2021102041	Inner Mongolia Agricultural University	2021102864	Beijing Normal University
2021102044	Jiujiang University	2021102866	China Railway Third Group No.2 Engineering Co., Ltd.; China Railway Third Bureau Group Co., Ltd.
2021102103	TOMRA Sorting GmbH	2021102871	Xuzhou University of Technology
2021102114	Chen, C.	2021102875	Nanjing Naihe Slaughtering Machinery Manufacturing Co., Ltd.
2021102151	Jeyasimman, D.	2021102878	Zhejiang Gongshang University
2021102202	Shanghai University	2021102881	koshariya, A.K.; Bodhe, A.B.; Sahu, M.K.; Aalam, S.; Sahu, V.; Patle, D.K.; Khamari, B.; Akram, M.; hasmi, S.K.; Chelak, Y.K.; Dhok, P.; Sahu, B.
2021102207	Xuzhou University of Technology	2021102888	Shanxi Agricultural University
2021102273	Sinha, S.; Verma, T.N.; Kumar, S.V.R.; Jain, A.; Ramakrishna, K.; Mane, D.S.; Shrivastava, A.; Dhotre, V.A.; Inamdar, F.M.; Tulala, R.K.	2021102897	Zaozhuang University
2021102352	Northwest A&F University	2021102903	Tianjin Research Institute for Water Transport Engineering, Ministry of Transport, P.R. China
2021102375	Benal, M.M.; S, S.; S, R.; T R, R.; Panda, K.C.; M, N.K.; A, S.; K N, M.; Kumaraswamy, H.S.; Anilkumar, B.S.; C N, A.; V G, B.	2021102909	Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment of the People's Republic of China
2021102393	Changsha University of Science and Technology	2021102914	Zhang, D.
2021102400	XIAMEN UNIVERSITY; Beijing NATON Technology Group Co., Ltd	2021102917	Zhang, D.
2021102404	NUVOE PTY LTD	2021102920	Qingdao Agricultural University
2021102453	Applied Electric Vehicles Pty Ltd	2021102922	Xuzhou Institute of Technology
2021102454	Heilongjiang Bayi Agricultural University	2021102923	Tianjin University
2021102461	Nanjing Institute of Environmental Sciences, Ministry of Ecology and Environment	2021102926	Shenzhen Traditional Chinese Medicine Hospital; WEI, Z.; LI, W.; LI, H.
2021102462	Central South University	2021102928	Unison Joints Pty Ltd
2021102466	Nanjing Zhengxin Medical Technology Co., Ltd.	2021102932	China Institute of Water Resources and Hydropower Research
2021102536	China University of Mining and Technology	2021102933	Institute Of Process Engineering, Chinese Academy Of Sciences; Beijing Huahetuo Technology Development Co., Ltd.
2021102549	Hefei University of Technology; Anhui ShengHaiTang Chinese medicine slices co., LTD		
2021102551	Shanghai University		
2021102574	Kunming University of Science & Technology		
2021102576	Kunming University of Science & Technology		
2021102606	GARIMELLA, R.C.; MADETI, S.R.; UPPUTURI, R.		
2021102628	Xuzhou University of Technology		
2021102632	Shunde Hospital of Southern Medical University(The First People's Hospital of Shunde)		
2021102643	Gautam, A.S.; Kumar, S.		
2021102670	Guizhou Institute of Prataculture		
2021102674	Southwest Petroleum University		
2021102676	Nanjing Normal University		
2021102682	Hangzhou First People's Hospital		

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2021102943	Zunyi Normal College		B.N.; Yogeshwary, B.H.; Krishnajegan, S.P.; HumCen Global (P) Ltd
2021102944	Zhuhai Xinjinzhu Power Equipment Co., Ltd		
2021102946	Zunyi Normal College	2021103119	BABA FARID COLLEGE OF ENGINEERING AND TECHNOLOGY BATHINDA
2021102948	ECO Garage Doors Pty Ltd		
2021102949	ECO Garage Doors Pty Ltd	2021103120	BABA FARID COLLEGE OF ENGINEERING AND TECHNOLOGY BATHINDA
2021102951	Shenzhen University		
2021102952	OZDOCS INTERNATIONAL PTY LTD	2021103134	INSTITUTE OF ANIMAL SCIENCES CAAS, CHINESE ACADEMY OF AGRICULTURAL SCIENCES
2021102963	Kushwaha, R.; Axis Institute of Technology & Management		
		2021103138	Jain, P.; Tembhumne, J.; Jain, T.; Diwan, T.
2021102980	ZHEJIANG BOHUA E.T.E CO.,LTD.; GUANGDONG WATER CO.,LTD.	2021103148	KANG, C.G.
		2021103154	Xi'an Jiaotong University; National Grid Corporation Northwest Branch
2021102984	Amden Engineering Pty Ltd		
2021102990	Bazhou Yongentang Biological Technology Co., Ltd	2021103155	Jiangxi Agricultural University
2021102991	Pet Parlour Online Pty Ltd	2021103158	Fraser, M.
2021102994	Owen, S.; Owen, T.	2021103159	Foss Analytical A/S
2021102995	Taiyuan University of Technology	2021103161	Bauer, R.
2021102998	Lo, H.M.	2021103162	A-SHA REPUBLIC INC.
2021103001	Sun, Y.	2021103163	A-SHA REPUBLIC INC.
2021103004	Apple Inc.	2021103164	Apple Inc.
2021103005	Sichuan Academy of Chinese Medicine Sciences; Lin, J.	2021103175	Ballal, M.S.; Deshmukh, R.R.; Wakode, S.A.; Verma, S.R.
		2021103179	Baise University
2021103006	VISTrak Pty Ltd	2021103183	Xi'an Jiaotong University; National Grid Corporation Northwest Branch
2021103008	Huazhong University of Science and Technology; Yinlong New Energy Incorporated Company; State Grid Xinjiang Electric Power Co., Ltd. Electric Power Research Institute; Jiangsu Paineng Energy Technology Co., Ltd.		
		2021103187	Ampfibian Holdings Pty Ltd
2021103010	Institute of Geology and Geophysics, Chinese Academy of Sciences		
2021103013	Nanchang University		
2021103014	NRW Holdings		
2021103022	Fan, X.		
2021103026	Xuzhou University of Technology		
2021103027	Qingdao Agricultural University; Shandong Tang Wang Carp Agricultural Development Co., Ltd		
2021103029	Chigombe, S.		
2021103030	Yellow Sea Fisheries Research Institute, Chinese Academy of Fishery Sciences		
2021103032	Fiorini Packaging S.P.A.		
2021103033	HENDON SEMICONDUCTORS PTY LTD		
2021103036	Freshwater Fisheries Research Institute of Jiangsu province		
2021103039	Institute of Hydroecology, MWR&CAS		
2021103047	Zhou, W.		
2021103048	Biotechnology and Germplasm Resources Institute, Yunnan Academy of Agricultural Sciences		
2021103050	Institute of Cotton Research (ICR) of CAAS		
2021103051	Zunyi Normal College		
2021103052	HENAN UNIVERSITY OF TECHNOLOGY		
2021103055	Qingdao Agricultural University		
2021103057	Nanjing Institute of Agricultural Mechanization, Ministry of Agriculture and Rural Affairs		
2021103059	Lonman Auto Accessories Co., Ltd		
2021103060	Lonman Auto Accessories Co., Ltd		
2021103062	DEKA AUSTRALIA PTY LTD		
2021103066	Jiangxi Agricultural University		
2021103071	KAUSHIK, S.; DEVI, A.; KUMAR, A.; KUMAR, H.; ., M.; YADAV, S.; SHIVEN, A.; RANI, N.; DIWEDI, R.; BAT-TINENI, J.K.; HAQUE, M.A.		
2021103080	Datta Meghelnstitute of Medical Sciences(DU); Jawaharlal Nehru Medical College; Yeshwantrao Chavan College Of Engineering; Nagpure, S.		
2021103091	Qilu University of Technology; Shandong Environmental Protection Industry Research Institute; Fujian Agriculture and Forestry University		
2021103095	Travers, A.; Williams, K.		
2021103096	Doolan, L.		
2021103103	ChongQing Academy of Animal Sciences		
2021103106	ChongQing Academy of Animal Sciences		
2021103108	D, K.; Zeeshan, G.A.; Sinha, N.; Sundaraguru, R.; Yashwanth, N.; Nagesh, K.N.; Chiranth, R.; Aravind,		

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2021101434 2021103005	2021103106	2021102943 2021102946	2021103047	2016102465	2021102963
<u>A01C 21 /-</u>	<u>A01N 1 /-</u>	<u>A23K 50 /-</u>	<u>A47B 97 /-</u>	<u>A61G 7 /-</u>	<u>A63B 22 /-</u>
2021103066	2021102920	2021102871 2021102943 2021102946 2021103030 2021103155	2021102044	2016102465	2021102963
<u>A01D 41 /-</u>	<u>A01N 33 /-</u>	<u>A23L 17 /-</u>	<u>A47C 1 /-</u>	<u>A61K 36 /-</u>	<u>A63H 11 /-</u>
2021103057	2021103066	2021102784	2021103158	2021102818 2021102926 2021102943 2021102946 2021102990 2021103080	2021103161
<u>A01G 17 /-</u>	<u>A01N 37 /-</u>	<u>A23L 2 /-</u>	<u>A47C 4 /-</u>	<u>A61K 49 /-</u>	<u>A63H 3 /-</u>
2021101434	2021102670	2019101804	2021103158	2021102951	2021103161
<u>A01G 2 /-</u>	<u>A01N 43 /-</u>	<u>A23L 3 /-</u>	<u>A47C 7 /-</u>	<u>A61K 9 /-</u>	<u>A63H 30 /-</u>
2021102670	2021102670	2016102470 2019101804 2021102812	2021103047 2021103158	2021102951	2021103161
<u>A01G 22 /-</u>	<u>A01N 59 /-</u>	<u>A23L 33 /-</u>	<u>A47F 5 /-</u>	<u>A61L 2 /-</u>	<u>A63H 33 /-</u>
2021103005 2021103066	2021102670	2021102784	2021102040	2020104050 2021102643 2021103001	2021103161
<u>A01H 1 /-</u>	<u>A01N 65 /-</u>	<u>A23L 5 /-</u>	<u>A47F 7 /-</u>	<u>A61L 27 /-</u>	<u>B01D 15 /-</u>
2021102881 2021103050	2021103048	2021102784	2021102040	2021102400	2021102454
<u>A01H 4 /-</u>	<u>A01P 21 /-</u>	<u>A23L 7 /-</u>	<u>A47G 23 /-</u>	<u>A61M 25 /-</u>	<u>B01D 3 /-</u>
2021102670	2021103066	2021103162 2021103163	2021103047	2021102682	2021102933
<u>A01H 6 /-</u>	<u>A21D 13 /-</u>	<u>A23P 10 /-</u>	<u>A47K 3 /-</u>	<u>A61M 5 /-</u>	<u>B01D 53 /-</u>
2021102881 2021103050	2019101804	2021102784	2021103060	2021102682	2021102041 2021102114 2021102352 2021102551 2021102574
<u>A01K 1 /-</u>	<u>A21D 2 /-</u>	<u>A23P 30 /-</u>	<u>A61B 10 /-</u>	<u>A61M 60 /-</u>	<u>B01D 61 /-</u>
2021102743 2021102991	2019101804	2021103162 2021103163	2021102743	2021102917	2021102536
<u>A01K 29 /-</u>	<u>A22B 5 /-</u>	<u>A24F 40 /-</u>	<u>A61B 17 /-</u>	<u>A61P 1 /-</u>	<u>B01D 9 /-</u>
2021102743	2021102875	2021102998	2021102466	2021102926	2021102676
<u>A01K 47 /-</u>	<u>A23F 3 /-</u>	<u>A24F 47 /-</u>	<u>A61B 34 /-</u>	<u>A61P 19 /-</u>	<u>B01F 5 /-</u>
2021103051	2021102812 2021102818 2021102990	2021102998	2021102466	2021103080	2021103013
<u>A01K 5 /-</u>	<u>A23F 5 /-</u>	<u>A41C 3 /-</u>	<u>A61B 5 /-</u>	<u>A61P 35 /-</u>	<u>B01J 20 /-</u>
2021103134	2021102812	2021102826	2021101720	2021102951	2021102041
<u>A01K 51 /-</u>	<u>A23K 10 /-</u>	<u>A41D 19 /-</u>	<u>A61B 90 /-</u>	<u>A62C 3 /-</u>	<u>B01J 23 /-</u>
2021103103	2021102812 2021102871 2021102943 2021102946 2021103155	2020104050	2021102466	2021102606	2021102551 2021103091
<u>A01K 57 /-</u>	<u>A23K 20 /-</u>	<u>A42B 1 /-</u>	<u>A61F 13 /-</u>	<u>A62D 101 /-</u>	<u>B01J 27 /-</u>
2021103051	2021102812 2021102943 2021102946 2021103030 2021103155	2021102461	2021102829	2021102352	2021102854
<u>A01K 61 /-</u>	<u>A42B 3 /-</u>	<u>A45F 3 /-</u>	<u>A61F 2 /-</u>	<u>A62D 3 /-</u>	<u>B01J 31 /-</u>
2021103030	2021102461	2021102404	2016102467 2021102826	2021102352	2021102551
<u>A01K 63 /-</u>	<u>A42B 3 /-</u>		<u>A61F 7 /-</u>		
2021103027			2021102829		

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2021102854	2021102151	2021102995	2021102574 2021102864	2021103066	2021102670
<u>B01J 39 /-</u>	<u>B23K 35 /-</u>	<u>B60T 7 /-</u>	<u>C01B 25 /-</u>	<u>C05D 1 /-</u>	<u>C12P 1 /-</u>
2021102454	2021102151	2021102995	2021102400	2021103066	2021102980
<u>B01L 3 /-</u>	<u>B23K 9 /-</u>	<u>B62J 45 /-</u>	<u>C01B 3 /-</u>	<u>C05D 9 /-</u>	<u>C12P 3 /-</u>
2021102632	2021102151	2021102801	2021102207 2021102854	2021102670 2021103066	2021102864
<u>B02C 18 /-</u>	<u>B25J 1 /-</u>	<u>B62K 3 /-</u>	<u>C01B 33 /-</u>	<u>C05F 11 /-</u>	<u>C12Q 1 /-</u>
2021103013	2021102466	2021102963	2021102933	2021101434 2021102670 2021103066	2021102859 2021102881 2021103036 2021103050
<u>B02C 19 /-</u>	<u>B25J 13 /-</u>	<u>B62M 1 /-</u>	<u>C01G 29 /-</u>	<u>C05G 3 /-</u>	<u>C12R 1 /-</u>
2021103026	2021102466	2021102963	2021102854	2021103066	2021102888
<u>B03D 1 /-</u>	<u>B25J 17 /-</u>	<u>B62M 6 /-</u>	<u>C01G 39 /-</u>	<u>C07C 15 /-</u>	<u>C13K 13 /-</u>
2017101906 2017101907	2021102466	2021102963	2021102854	2021102676	2021102454
<u>B05B 1 /-</u>	<u>B26F 3 /-</u>	<u>B64C 39 /-</u>	<u>C02F 1 /-</u>	<u>C07C 7 /-</u>	<u>C14B 1 /-</u>
2021102103 2021102352	2021102674	2021102606 2021103001	2021102404 2021102576 2021102754	2021102676	2021102875
<u>B05B 12 /-</u>	<u>B28B 23 /-</u>	<u>B64D 1 /-</u>	<u>C02F 101 /-</u>	<u>C07D 417 /-</u>	<u>C21D 1 /-</u>
2021102352	2021102932	2021102352 2021102606	2021102864 2021102888	2021102951	2021102393
<u>B05B 13 /-</u>	<u>B29C 64 /-</u>	<u>B65D 30 /-</u>	<u>C02F 103 /-</u>	<u>C07H 13 /-</u>	<u>C21D 10 /-</u>
2021102352	2021102375	2021103032	2021102404 2021102754 2021102980	2021102041	2021102393
<u>B05B 15 /-</u>	<u>B32B 1 /-</u>	<u>B65D 33 /-</u>	<u>C02F 11 /-</u>	<u>C07K 16 /-</u>	<u>C22C 14 /-</u>
2021102103	2021103032	2021103032	2021102576 2021102860	2021102632	2021102393
<u>B05D 3 /-</u>	<u>B32B 29 /-</u>	<u>B65D 65 /-</u>	<u>C02F 11 /-</u>	<u>C08G 18 /-</u>	<u>C22C 38 /-</u>
2021102994	2021103032	2021103032	2021102576 2021102860	2021103008	2021102151
<u>B07C 5 /-</u>	<u>B33Y 10 /-</u>	<u>B65D 81 /-</u>	<u>C02F 3 /-</u>	<u>C08J 3 /-</u>	<u>C22F 1 /-</u>
2021102103	2021102375	2021102632 2021103032	2021102747 2021102831 2021102860 2021102864 2021102888 2021102980	2021103008	2021102393
<u>B08B 1 /-</u>	<u>B33Y 50 /-</u>	<u>B82Y 15 /-</u>	<u>C02F 9 /-</u>	<u>C08J 5 /-</u>	<u>C23C 10 /-</u>
2021103027	2021102375	2021102549 2021102923 2021103055	2021102747	2021103008	2021102393
<u>B08B 3 /-</u>	<u>B42F 15 /-</u>	<u>B82Y 40 /-</u>	<u>C02F 9 /-</u>	<u>C09B 23 /-</u>	<u>C23C 14 /-</u>
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<u>B08B 7 /-</u>	<u>B60J 5 /-</u>	<u>C01B 11 /-</u>	<u>C04B 35 /-</u>	<u>C09D 163 /-</u>	<u>C23C 18 /-</u>
2020104050 2021102643	2021102453 2021103014	2021102754	2021102202	2021102994	2021102202 2021102400
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<u>C25B 11 /-</u>	<u>E04H 15 /-</u>	<u>F04D 25 /-</u>	<u>G01L 1 /-</u>	<u>G01S 1 /-</u>	
2021102039 2021102923	2021103060	2021103062	2021101526	2018102213	<u>G06N 20 /-</u>
<u>C25D 13 /-</u>	<u>E04H 4 /-</u>	<u>F04D 29 /-</u>	<u>G01L 11 /-</u>	<u>G01V 5 /-</u>	2020104428 2021102273 2021102881 2021102914 2021103071 2021103120
2021102400	2021102754	2021103062	2021101526	2021103010	
<u>C25D 5 /-</u>	<u>E04H 7 /-</u>	<u>F16L 19 /-</u>	<u>G01M 13 /-</u>	<u>G02B 1 /-</u>	
2021102400	2021102932	2021103059	2020104428 2021102273 2021102847	2021102897	
<u>C25D 9 /-</u>	<u>E05D 15 /-</u>	<u>F16L 3 /-</u>	<u>G01M 17 /-</u>	<u>G05B 13 /-</u>	<u>G06N 3 /-</u>
2021102400	2021102453 2021102949 2021103014	2021103059	2021102847	2021102273 2021102536 2021102801 2021102897 2021103154	2020104428 2021102914
<u>D01D 5 /-</u>	<u>E05F 15 /-</u>	<u>F16L 41 /-</u>	<u>G01M 3 /-</u>	<u>G05B 15 /-</u>	<u>G06N 7 /-</u>
2021102745	2021102453	2021103059	2021102862	2021102273	2021103057
<u>D02G 3 /-</u>	<u>E05F 3 /-</u>	<u>F16L 45 /-</u>	<u>G01N 1 /-</u>	<u>G05B 19 /-</u>	<u>G06Q 10 /-</u>
2021102745	2021102453	2021102862	2021102788 2021102909 2021103159 2021103179	2021102536 2021102897	2021103138 2021103164
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2021102928	2021102984	2021102862	2021102825	2020104428 2021102273 2021102536	2021103148
<u>E01C 19 /-</u>	<u>E06B 9 /-</u>	<u>F16L 9 /-</u>	<u>G01N 15 /-</u>	<u>G05D 1 /-</u>	<u>G06Q 30 /-</u>
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2021103039	2021102674	2021102461	2021102549 2021102833 2021103055 2021103159	2021102878	2021103154 2021103183
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2021103039	2021102674	2021103033	2021102151	2019101806 2020104435 2021103071	2019101806 2019101807 2021102881 2021103006 2021103029 2021103138 2021103154 2021103183
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2021102536	2021101526	2021102352 2021102461	2021102831 2021102909	2021102801 2021103010	<u>G06Q 90 /-</u>
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2021103014	2021102750	2021102628	2021102352 2021102632 2021102788 2021102831 2021102859 2021102909 2021103052 2021103055	2021101852	<u>G06T 11 /-</u>
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2021102862	2021102866	2021102628	2021102825	2017101911 2021103004 2021103119 2021103164	<u>G06T 17 /-</u>
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2021103095	2021102750	2020104435	2021102825	2021102897	<u>G06T 19 /-</u>
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2021102536 2021102928	2021102995	2021102801			<u>G06T 5 /-</u>
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2021102932	2021102788	2021102801			
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<u>G16Y 20 /-</u>	<u>H02J 9 /-</u>	
2021103138	2021103175	
<u>G16Y 40 /-</u>	<u>H02S 10 /-</u>	
2021103138	2021102765	
<u>G21C 13 /-</u>	<u>H04B 5 /-</u>	
2021102932	2021103006	
<u>H01B 12 /-</u>	<u>H04L 29 /-</u>	
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 F16M 11/10 (2006.01)
 F16D 49/08 (2006.01)
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A01M 29/06 (2011.01)

B61L 5/12 (2006.01)

F16B 2/10 (2006.01)

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C07D 253/06 (2006.01)

A61K 31/53 (2006.01)

A61P 35/00 (2006.01)

C07C 229/08 (2006.01)

C07D 403/10 (2006.01)

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G01N 30/86 (2006.01)

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(51) Int. Cl.

G05B 11/06 (2006.01)

B01D 15/10 (2006.01)

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G01N 30/02 (2006.01)

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(21) 2019426842 (22) 11.12.2019

(54) Applicator for pesticides

(51) Int. Cl.

A01M 1/20 (2006.01)

A01M 25/00 (2006.01)

B05B 9/08 (2006.01)

B05C 17/005 (2006.01)

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(51) Int. Cl.

A61M 25/02 (2006.01)

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(51) Int. Cl.

A61M 39/10 (2006.01)

A61M 39/20 (2006.01)

A61M 39/16 (2006.01)

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G09F 3/20 (2006.01)

G09F 3/02 (2006.01)

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C09D 1/08 (2006.01)

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C07D 239/74 (2006.01)
A61K 31/505 (2006.01)
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C07D 239/70 (2006.01)
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G01S 7/481 (2006.01)
G01S 17/42 (2006.01)
G01S 17/89 (2020.01)
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C07D 401/12 (2006.01)
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C07K 16/28 (2006.01)
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H04M 3/493 (2006.01)
H04M 15/06 (2006.01)
H04Q 3/00 (2006.01)
H04Q 3/72 (2006.01)
H04W 12/00 (2021.01)
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G06Q 20/34 (2012.01)
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H04L 9/32 (2006.01)
H04W 4/14 (2009.01)
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A61P 31/18 (2006.01)
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C07K 16/46 (2006.01)
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C07D 307/20 (2006.01)
C07H 19/048 (2006.01)
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H04L 29/08 (2006.01)
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G01R 33/383 (2006.01)
H01F 7/02 (2006.01)
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G01R 33/383 (2006.01)
H01F 7/02 (2006.01)
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A61K 38/08 (2019.01)
A61P 29/00 (2006.01)
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B60Q 1/52 (2006.01)
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G07G 1/00 (2006.01)
A47F 9/04 (2006.01)

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G06Q 20/20 (2012.01)
G07G 3/00 (2006.01)
G08B 13/24 (2006.01)
G06Q 30/06 (2012.01)
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H01M 50/216 (2021.01)
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A61K 31/496 (2006.01)
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A61K 31/519 (2006.01)
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A61K 45/06 (2006.01)
A61P 19/02 (2006.01)
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G01N 33/50 (2006.01)
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A47C 4/48 (2006.01)
A47C 4/50 (2006.01)
A47C 7/70 (2006.01)
A47C 15/00 (2006.01)
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A63B 69/20 (2006.01)
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G01N 33/68 (2006.01)
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B29C 44/10 (2006.01)
B29C 44/34 (2006.01)
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(54) TREM compositions and uses thereof
(51) Int. Cl.
C12N 15/11 (2006.01)
A61K 31/7088 (2006.01)
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B44C 5/04 (2006.01)
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(54) Apparatus, method and computer program for encoding, decoding, scene processing and other procedures related to DirAC based spatial audio coding using direct component compensation
(51) Int. Cl.
G10L 19/008 (2013.01)
H04S 7/00 (2006.01)
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- (71)** Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.
(11) AU-A-2019392988
(21) 2019392988 **(22)** 06.12.2019
(54) Apparatus, method and computer program for encoding, decoding, scene processing and other procedures related to DirAC based spatial audio coding using low-order, mid-order and high-order components generators
(51) Int. Cl.
G10L 19/008 (2013.01)
H04S 7/00 (2006.01)
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(51) Int. Cl.
G10L 19/008 (2013.01)
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(74) FB Rice Pty Ltd
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(54) Bag for solid concentrate
(51) Int. Cl.
A61M 1/16 (2006.01)
A61J 1/14 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(51) Int. Cl.
F24F 11/58 (2018.01)
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(21) 2019401868 **(22)** 17.12.2019
(54) Sustained-release injection comprising deslorelin, and preparation method therefor
(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/00 (2006.01)
A61K 38/09 (2006.01)
A61P 5/24 (2006.01)
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B05D 1/02 (2006.01)
C09D 5/02 (2006.01)
C09D 5/16 (2006.01)
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(51) Int. Cl.
H02M 7/537 (2006.01)
H02J 3/38 (2006.01)
H02J 3/40 (2006.01)
H02M 1/32 (2007.01)
H02M 1/36 (2007.01)
H02M 7/487 (2007.01)
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E02F 3/36 (2006.01)
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(21) 2019418154 **(22)** 01.01.2020
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(51) Int. Cl.
C12N 15/82 (2006.01)
C12N 15/113 (2010.01)
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G01N 33/50 (2006.01)
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A61M 16/04 (2006.01)
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A01G 27/00 (2006.01)
A01G 27/02 (2006.01)
A01G 27/04 (2006.01)
A01G 27/06 (2006.01)
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(54) Association determination
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G06F 16/00 (2019.01)
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(51) Int. Cl.
A61B 5/22 (2006.01)
A61B 5/053 (2006.01)
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(74) Alfred Lei
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(54) Improved bone anchor and related devices, systems, and methods
(51) Int. Cl.

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A61F 2/00 (2006.01)
A61F 2/08 (2006.01)
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(51) Int. Cl.

B65D 75/58 (2006.01)
B65D 41/04 (2006.01)
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(31) 102019000002103 **(32)** 13.02.19 **(33)** IT
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(72) BUZZI, Alberto
(74) Murray Trento & Associates Pty Ltd

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(54) Packaging for products
(51) Int. Cl.

B65D 75/00 (2006.01)
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(54) Human Vγ9Vδ2T cell proliferation culture method and culture medium
(51) Int. Cl.
C12N 5/0783 (2010.01)
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(51) Int. Cl.
H04N 19/182 (2014.01)
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(54) Sidelink communication method, terminal device and network device
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H04L 1/00 (2006.01)
H04W 72/04 (2009.01)
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A61K 8/03 (2006.01)
A61Q 19/00 (2006.01)
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A61K 39/395 (2006.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
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(54) Heating device
(51) Int. Cl.
H05B 6/12 (2006.01)
A23L 3/365 (2006.01)
F25D 23/12 (2006.01)
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(31) 201910009518.4 **(32)** 04.01.19 **(33)** CN
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(54) Electromagnetic wave generating system and heating apparatus having same
(51) Int. Cl.
H05B 6/72 (2006.01)
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(11) AU-A-2019418577
(21) 2019418577 **(22)** 12.12.2019
(54) Refrigeration and freezing apparatus
(51) Int. Cl.
F25D 23/12 (2006.01)
A23L 3/365 (2006.01)
H05B 6/12 (2006.01)
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(72) WANG, Haijuan; LI, Peng; ZHAO, Kunkun; MU, Sen
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(11) AU-A-2019418922
(21) 2019418922 **(22)** 11.12.2019
(54) Heating device
(51) Int. Cl.
H05B 6/12 (2006.01)
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(31) 201920013904.6 **(32)** 04.01.19 **(33)** CN
(43) 09.07.2020
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(21) 2019419132 **(22)** 11.12.2019
(54) Electromagnetic wave generation system, and heating apparatus with electromagnetic wave generation system
(51) Int. Cl.
H05B 6/72 (2006.01)
(87) WO2020/140710
(31) 201910009045.8 **(32)** 04.01.19 **(33)** CN
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(71) Haier Smart Home Co., Ltd.
(11) AU-A-2019419626
(21) 2019419626 **(22)** 11.12.2019
(54) Heating device and refrigerator having same
(51) Int. Cl.
H05B 6/12 (2006.01)
A23L 3/365 (2006.01)

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(43) 09.07.2020
(72) WANG, Haijuan; LI, Peng
(74) Shelston IP Pty Ltd.
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- (71)** Haier Smart Home Co., Ltd.
(11) AU-A-2020205145
(21) 2020205145 **(22)** 03.01.2020
(54) Heating device
(51) Int. Cl.
H05B 6/72 (2006.01)
F24C 1/08 (2006.01)
(87) WO2020/140989
(31) 201910009511.2 **(32)** 04.01.19 **(33)** CN
(43) 09.07.2020
(72) WANG, Haijuan; LI, Peng
(74) Shelston IP Pty Ltd.
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- (71)** Hangzhou Speed Control Software Co., Ltd
(11) AU-A-2019419172
(21) 2019419172 **(22)** 31.12.2019
(54) Electric skateboard clutch-type driving wheel
(51) Int. Cl.
F16D 11/14 (2006.01)
B60B 27/04 (2006.01)
B62M 7/12 (2006.01)
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B81B 1/00 (2006.01)
C12Q 1/68 (2018.01)
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E04H 12/08 (2006.01)
B32B 37/00 (2006.01)
F03D 13/20 (2016.01)
F03D 13/25 (2016.01)
G01M 3/02 (2006.01)
G01M 3/18 (2006.01)
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A47G 19/14 (2006.01)
H05B 3/60 (2006.01)
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C23C 22/42 (2006.01)
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C07D 235/02 (2006.01)
A61K 31/381 (2006.01)
A61K 31/4184 (2006.01)
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A61P 35/00 (2006.01)
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H01R 39/56 (2006.01)
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A43B 13/14 (2006.01)
A61F 5/14 (2006.01)
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B62M 1/00 (2010.01)
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C07K 14/705 (2006.01)
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H04N 19/42 (2014.01)
G06T 7/20 (2017.01)
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C07K 16/08 (2006.01)
A61K 31/522 (2006.01)
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A61P 31/14 (2006.01)
A61P 31/20 (2006.01)
C07K 16/10 (2006.01)
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A61K 38/00 (2006.01)
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C07K 16/00 (2006.01)
C07K 16/46 (2006.01)
C07K 19/00 (2006.01)
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A61K 31/4025 (2006.01)
A61P 9/06 (2006.01)
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G01R 33/389 (2006.01)
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B32B 3/06 (2006.01)
B32B 27/32 (2006.01)
C08L 23/10 (2006.01)
E04F 15/02 (2006.01)
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G06N 20/00 (2019.01)
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A61K 9/00 (2006.01)
A61M 11/00 (2006.01)
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E03F 5/10 (2006.01)
E02B 11/00 (2006.01)
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A61B 17/00 (2006.01)
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A61B 17/58 (2006.01)
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C12N 15/864 (2006.01)
C07K 14/015 (2006.01)
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F16B 5/02 (2006.01)
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G06F 8/658 (2018.01)
G06F 21/64 (2013.01)
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G06F 11/00 (2006.01)
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H04W 4/70 (2018.01)
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C07D 401/04 (2006.01)
A61K 31/455 (2006.01)
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C07D 401/14 (2006.01)
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A61K 39/00 (2006.01)
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C40B 30/04 (2006.01)
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 apparatus
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G06Q 10/10 (2012.01)
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G01F 1/00 (2006.01)
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G01F 23/00 (2006.01)
G01N 9/26 (2006.01)
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2018451608	Razer (Asia-Pacific) Pte. Ltd.	2019393953	Boehringer Ingelheim International GmbH
2018452006	Hewlett-Packard Development Company, L.P.	2019394005	Thales
2018452176	Citrix Systems, Inc.	2019394092	GE Energy Power Conversion Technology Ltd.
2018454693	Metso Outotec Finland Oy	2019394097	Fraunhofer-Gesellschaft Zur Förderung Der Ange- wandten Forschung E.V.
2018455187	NTT DoCoMo, Inc.	2019394099	LifeArc
2018455569	Huawei Technologies Co., Ltd.	2019394115	Compagnie Generale Des Etablissements Michelin
2018455720	Huang, H.; Zhou, X.; Chen, H.	2019394553	I4F Licensing NV
2018455872	Asics Corporation	2019394592	TK Elevator Innovation and Operations GmbH
2018456044	i-Deal S.R.L.	2019394610	Fits Holding B.V.
2019298631	Sumitomo Chemical Company, Limited	2019394821	Commissariat A L'Energie Atomique Et Aux Energies Alternatives; Davey Bickford
2019362806	Remmedy LLC	2019394847	Triplet Therapeutics, Inc.
2019384870	Wellness IP, Inc.	2019394971	Neutron Holdings, Inc. DBA Lime
2019386387	Epsitau Ltd.	2019395194	Suntory Holdings Limited
2019386792	Hinova Pharmaceuticals Inc.	2019395424	The Brigham and Women's Hospital, Inc.
2019386897	KBI Invest & Management AG	2019395588	BGI Shenzhen; BGI Shenzhen Co., Ltd
2019386945	Bristol-Myers Squibb Company	2019395743	Alfa Laval Corporate AB
2019387098	Uber Technologies, Inc.	2019395831	Kverneland Group Kerteminde A/S
2019387124	Epizyme, Inc.	2019396103	Korea Food Research Institute
2019387166	QueryClick Ltd	2019396194	C.P. Medical Corporation
2019387265	Epsitau Ltd.	2019396220	USNR, LLC
2019387449	Xpyro Oy	2019396415	Chromadex Inc.
2019387477	Schlage Lock Company LLC	2019396481	Alfa Laval Corporate AB
2019387628	Epsitau Ltd.	2019396482	Alfa Laval Corporate AB
2019388011	Kyoto University; Takeda Pharmaceutical Company Limited	2019396986	Korea Food Research Institute
2019388265	Lisle, D.	2019396990	Korea Food Research Institute
2019388420	Joint Stock Company "BIOCAD"	2019397033	Kite Pharma, Inc.
2019388457	Hoskins, P.	2019397067	Autobahn Therapeutics, Inc.
2019388929	Jiangsu Hansoh Pharmaceutical Group Co., Ltd.; Shanghai Hansoh Biomedical Co., Ltd.	2019397179	Stormtrap LLC
2019389126	Rb Global Mobile Solutions, LLC	2019397371	Combinati Incorporated
2019389160	Andersen, L.; Morosky, W.	2019397429	Translational Drug Development, LLC
2019389258	Fresenius Medical Care Deutschland GmbH	2019397436	The General Hospital Corporation
2019389302	Germishuys, D.M.	2019397447	Aqseptence Group, Inc.
2019389772	Catalent U.K. Swindon Zydis Limited; Mymetics Corpora- tion	2019397511	Huya Bioscience International, LLC
2019389806	CSL Behring AG	2019398016	AIM ImmunoTech Inc.
2019390274	ABL Bio Inc.; I-Mab Biopharma Co., Ltd.	2019398029	Camm, A.
2019390482	Milwaukee Electric Tool Corporation	2019398216	ESS-HELP, Inc.
2019390667	Asociación Centro de Investigación Cooperativa en Biociencias-CIC bioGUNE	2019398290	Alfa Laval Corporate AB
2019391012	Bristol-Myers Squibb Company	2019398292	Alfa Laval Corporate AB
2019391186	ResMed Inc.	2019398638	Alfa Laval Corporate AB
2019391399	Agrot Tritus Locação e Comercio, LTDA	2019399430	Beijing Tusen Zhitu Technology Co., Ltd.
2019391411	Takigawa Corporation Japan	2019399533	Organoclick AB
2019391591	Suntory Holdings Limited	2019399720	Jiangsu Hengrui Medicine Co., Ltd.; Suzhou Suncadia Biopharmaceuticals Co., Ltd.
2019391594	Suntory Holdings Limited	2019399791	Tianjin Sunrise Technologies Development Co., Ltd.
2019391600	Keech Castings Australia Pty Limited	2019400046	Alfa Laval Corporate AB
2019391647	Horvath, S.; Gardiner, R.	2019400736	Pharma Mar, S.A.
2019391887	Suntory Holdings Limited	2019400838	Vifor (International) AG
2019392204	The University of Tulsa	2019400859	Geith International Limited
2019392264	Sirtex Medical Inc.	2019400927	Salts Healthcare Limited
2019392497	Nagravision S.A.	2019400945	Australian Institute of Robotic Orthopaedics Pty Ltd
2019392502	Merck Patent GmbH	2019401424	Techtronic Floor Care Technology Limited
2019392549	Northwestern University; Chapman University	2019401465	MDNA Life Sciences Inc.
2019392651	Burch Barrel, LLC	2019401535	Merck Sharp & Dohme Corp.
2019392876	Fraunhofer-Gesellschaft Zur Förderung Der Ange- wandten Forschung E.V.	2019401591	XSLent Energy Technologies, LLC
2019392906	Octant, Inc.	2019401616	Opus 12 Incorporated
2019392932	Element Biosciences, Inc.	2019401868	G2GBIO, INC.
2019392988	Fraunhofer-Gesellschaft Zur Förderung Der Ange- wandten Forschung E.V.	2019402169	Germishuys, D.
2019393145	Secure Ground Solutions Ltd	2019402179	Rbm Ibox S.R.L.
2019393347	Liminal BioSciences Limited	2019403245	Humabs BioMed SA
2019393370	SABIC Global Technologies B.V.	2019404061	The Board of Trustees of the Leland Stanford Junior University
2019393754	Cornell University	2019404285	Cue Biopharma, Inc.
2019393833	Fazio, R.	2019404547	BioNTech US Inc.
		2019404594	Sunrise Medical (US) LLC
		2019405414	Stamicarbon B.V.

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2019405497	Huawei Technologies Co., Ltd.	2019417798	Nippon Suisan Kaisha, Ltd.
2019405961	Vir Biotechnology, Inc.; Humabs BioMed SA	2019417832	Blackmore Sensors & Analytics, LLC
2019406286	STAC Technology ApS	2019417977	Technip N-Power
2019406453	OSE Immunotherapeutics	2019417983	Monash University; Alfred Health
2019406778	The Broad Institute, Inc.; Massachusetts Institute of Technology	2019417996	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019407426	Daiichi Sankyo Company, Limited	2019418103	Magellan Systems Japan, Inc.
2019407814	OSE Immunotherapeutics	2019418114	Deputy Ireland Unlimited Company
2019408275	Suzano S.A.	2019418154	Geneneer Ltd
2019408423	Karmic Sàrl	2019418187	Cellapeutics Bio
2019408503	Peking University; EdiGene Biotechnology Inc.	2019418319	Kineta Chronic Pain, LLC
2019409001	Salts Healthcare Limited	2019418340	HTG Molecular Diagnostics, Inc.
2019409037	Aceleron Limited	2019418364	Goldensunda Technology Co.,Ltd.
2019409184	Sinocelltech Ltd.	2019418411	In Queue Innovations, LLC
2019409709	Suez Groupe	2019418416	The Regents of the University of Michigan
2019409805	OSE Immunotherapeutics	2019418434	Becton, Dickinson and Company
2019409881	Standard Lithium Ltd.	2019418500	Heatworks Technologies, Inc.
2019409915	Subcoal International B.V.	2019418503	T-Mobile Usa, Inc.
2019410716	Ogeda SA	2019418573	Haier Smart Home Co., Ltd.
2019410719	Senslist AS	2019418574	Haier Smart Home Co., Ltd.
2019411524	Keltbray Limited	2019418577	Haier Smart Home Co., Ltd.; Qingdao Haier Special Refrigeration Electric Appliance Co., Ltd.
2019411781	Guangdong GD Kongming Biotech LLC	2019418587	Celgene Corporation
2019412531	CryptoCycle Limited	2019418744	Impel NeuroPharma, Inc.
2019412575	S.G.A. Innovations Ltd.	2019418750	Intima Bioscience, Inc.
2019412711	Cytana GmbH	2019418766	Blackmore Sensors and Analytics LLC
2019412713	Cytana GmbH	2019418785	Heatworks Technologies, Inc.
2019412732	Thales	2019418812	Blackmore Sensors & Analytics, LLC.
2019412870	The Yokohama Rubber Co., Ltd.	2019418813	Tempus Labs
2019413103	Spray Nozzle Engineering Pty Ltd	2019418818	GCP Applied Technologies Inc.
2019413141	Hangzhou Sunstone Technology Co., Ltd.	2019418841	Jiangmen Bonanza Metalware Co., Ltd.
2019413405	Beijing Oriental Yuhong Waterproof Technology Co., Ltd.	2019418922	Haier Smart Home Co., Ltd.; Qingdao Haier Special Refrigeration Electric Appliance Co., Ltd.
2019413432	Wang, Y.; Solymosi, G.; Szarka, E.; Kim, Y.	2019418963	China Petroleum & Chemical Corporation; Dalian Research Institute Of Petroleum And Petrochemicals, Sinopec Corp.
2019413696	Wang, Y.; Solymosi, G.; Kim, Y.	2019419006	Abora Energy, S.L
2019413698	United Biomedical, Inc.	2019419132	Haier Smart Home Co., Ltd.
2019413702	Plaid Inc.	2019419172	Hangzhou Speed Control Software Co., Ltd
2019413796	Srinivasan, N.M.	2019419221	The Secretary of State for Defence
2019414301	PayPal, Inc.	2019419358	Becton, Dickinson and Company
2019414427	Sirnaomics, Inc.	2019419387	Dermata Therapeutics, LLC
2019414432	Eaton Intelligent Power Limited	2019419398	Lu, Q.
2019414447	Corn Products Development, Inc	2019419450	Apollo Neuroscience, Inc.
2019414454	PPG Industries Ohio, Inc.	2019419502	Cryosa Inc.
2019414511	SkyCool Systems, Inc.	2019419512	Cytec Industries Inc.
2019414550	Hinova Pharmaceuticals Inc.	2019419626	Haier Smart Home Co., Ltd.
2019414608	Ractigen Therapeutics	2019419832	DiNonA
2019415164	Universidad Católica Del Norte; Universidad Técnica Federico Santa María; Isprotec SPA	2019420533	Panasonic Intellectual Property Management Co., Ltd.
2019415778	F. Smit Holding B.V.	2019420941	Nippon Telegraph and Telephone Corporation
2019415941	Baoshan Iron & Steel Co., Ltd.	2019421047	Organ Assist B.V.; Rijksuniversiteit Groningen; Academisch Ziekenhuis Groningen
2019416005	Thales	2019421068	Citrix Systems, Inc.
2019416021	TTi (Macao Commercial Offshore) Limited	2019421078	Attenborough, L.
2019416109	Sirnaomics, Inc.; Zhang, P.	2019421242	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019416137	Endotronix, Inc.	2019421379	Pitt, R.
2019416218	Eaton Intelligent Power Limited	2019421433	Nippon Steel Corporation; Vallourec Oil and Gas France
2019416220	Xilio Development, Inc.	2019422282	Kemin Industries, Inc.
2019416221	Nosmek Green Solutions, Inc.	2019422681	Enza Zaden Beheer B.V.
2019416223	Eaton Intelligent Power Limited	2019423025	Fujitsu General Limited
2019416324	H. Lee Moffitt Cancer Center and Research Institute Inc.	2019423049	Shenzhen Profound View Pharmaceutical Technology Co., Ltd.
2019416339	Direct Biologics LLC	2019423109	Wuhan Vast Conduct Science Foundation Co., Ltd.
2019416503	Changchun Genescience Pharmaceutical Co., Ltd.	2019423192	Mitsubishi Electric Corporation
2019416609	CJ CheilJedang Corporation	2019423646	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2019416610	CJ CheilJedang Corporation	2019423994	Noris Medical Ltd.
2019416727	Boehringer Ingelheim International GmbH	2019424226	Hanyi Bio-Technology Company Ltd.
2019416736	Koninklijke Douwe Egberts B.V.	2019424420	Everseen Limited
2019416800	Suzano S.A.	2019424830	Hill's Pet Nutrition, Inc.
2019417058	Hyperfine, Inc.		
2019417455	Dexcom, Inc.		
2019417590	Dexcom, Inc.		
2019417691	Taiho Pharmaceutical Co., Ltd.		
2019417710	Citrix Systems, Inc.		
2019417727	ResMed Inc.		

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2019425621	Sumitomo Electric Industries, Ltd.	2020207226	Urschel Laboratories, Inc.; Frito-Lay North America, Inc.
2019426388	Suntory Holdings Limited	2020207325	Qualcomm Incorporated
2019426437	Sandvik Mining and Construction G.m.b.H.	2020207641	Janssen Biotech, Inc.
2019426490	Meinan Machinery Works, Inc.	2020207664	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; University of Rijeka Faculty of Medicine
2019426840	American Sterilizer Company		Techcyte, Inc.
2019426842	Bayer CropScience LP	2020207942	University of Southern California
2019426889	American Sterilizer Company	2020207962	Korea Food Research Institute
2019427293	American Sterilizer Company	2020208054	Cisco Technology, Inc.
2019427489	Mitochondria Emotion, Inc.	2020208169	LSI Solutions, Inc.
2019427497	American Sterilizer Company	2020208293	Ohio State Innovation Foundation
2019427652	NTT Docomo, Inc.	2020208415	Balmoral Engineering Pty Ltd
2019427844	NTT DoCoMo, Inc.	2020209191	Reflection Marine Norge AS
2019428110	NTT DoCoMo, Inc.	2020209347	Construction Research & Technology GmbH
2019429186	Microsoft Technology Licensing LLC; Delft University of Technology	2020209381	Bedford Industries, Inc.
		2020209457	F. Hoffman-La Roche AG
2019429259	NTT DoCoMo, Inc.	2020209466	Hisense (Guangdong) Air Conditioning Co., Ltd.
2019429503	Magnetica Limited	2020209621	Lashify, Inc.
2019429609	ProBioGen AG	2020209743	Salford Group Inc
2019429696	Apple Inc.	2020209867	Societe des Produits Nestle S.A.
2019430124	Sami Labs Limited	2020209940	Flagship Pioneering, Inc.
2019432579	Mitsubishi Electric Corporation	2020209941	Escape Therapeutics, Inc.
2019433213	Joby Aero, Inc.	2020210030	Novus 84 Limited
2019436797	Mitsubishi Electric Corporation	2020210096	Janssen Biotech, Inc.
2019437996	MITSUBISHI ELECTRIC CORPORATION	2020210130	Flooring Technologies Ltd.
2019440085	ZTE Corporation	2020210473	Q Medical International AG
2019443265	Singapore Airlines Limited	2020210603	Nicoventures Trading Limited
2019469817	Guangzhou BioHope Co., Ltd.	2020210843	Northwestern University
2019470693	PELL Bio-Med Technology Co., Ltd	2020210881	Janssen Biotech, Inc.
2020204648	Citrix Systems, Inc.	2020210962	Noxsano Inc.
2020204670	Polynt Composites USA, Inc.	2020211392	The Regents Of The University Of California
2020204683	Niagara Bottling, LLC	2020211564	Brown University
2020204686	Marengo Therapeutics, Inc.	2020211600	Haplomic Technologies Pty Ltd
2020204736	Viax Dental Technologies LLC	2020211642	Pfizer Inc.
2020204797	Haritou, C.; Fada, A.	2020211789	Qualcomm Incorporated
2020204812	Ponera Group Sagl	2020211927	Colgate-Palmolive Company
2020204864	Neuronano AB	2020211948	Regeneron Pharmaceuticals, Inc.
2020204871	PPG Industries Ohio, Inc.	2020211998	Nimbus Lakshmi, Inc.
2020204904	Amgen Inc.	2020212001	University of Florida Research Foundation, Incorporated
2020204925	Underdog Pharmaceuticals, Inc.	2020212026	
2020204991	Bellbrook Labs, LLC	2020212534	The United States of America, as represented by the Secretary, Department of Health and Human Services
2020205035	Array Biopharma Inc.	2020212604	Fertility Lab Sciences, LLC
2020205064	Citrix Systems, Inc.	2020212621	Genesis Airway Innovations Pty Ltd
2020205113	Repertoire Immune Medicines, Inc.	2020212959	Brady Worldwide, Inc.
2020205114	Bellbrook Labs, LLC	2020213017	Daiichi Sankyo Company, Limited
2020205145	Haier Smart Home Co., Ltd.	2020213265	F. Hoffmann-La Roche AG
2020205150	Inserm (Institut National de la Santé et de la Recherche Médicale); Assistance Publique-Hôpitaux de Paris (APHP); Fondation Imagine; Université Paris Descartes; Centre National de la Recherche Scientifique (CNRS); Université Paris-Sud 11	2020213611	Linde GmbH
		2020213713	Sanifit Therapeutics, S.A.
2020205167	Ponera Group Sagl	2020213892	Technische Universität München
2020205406	Lipp, T.	2020214100	Linde GmbH
2020205635	Regeltec, Inc.	2020214777	Cisco Technology, Inc.
2020205662	Regeneron Pharmaceuticals, Inc.	2020214784	Becton, Dickinson and Company
2020205842	Janssen Biotech, Inc.	2020215051	Lummus Technology LLC
2020205944	Wonderland Switzerland AG	2020215088	Bayer Aktiengesellschaft; The Broad Institute, Inc.
2020205951	Hunan Siweikang Therapeutics Co. Ltd	2020215288	Andritz Oy
2020206010	Cellix Bio Private Limited	2020215361	Hitachi Industrial Products, Ltd.
2020206018	Social Media Emotions S.r.l.; Dal Bosco, N.	2020215510	Mitochondria Emotion, Inc.
2020206021	Pharmacosmos Holding A/S	2020215562	Modern Meadow, Inc.
2020206243	Netflix, Inc.	2020215758	Société des Produits Nestlé S.A.
2020206308	The United States of America, as represented by the Secretary, Department of Health and Human Services	2020216556	Detnet South Africa (Pty) Ltd
		2020216558	Detnet South Africa (Pty) Ltd
2020206320	Landis+Gyr Innovations, Inc.	2020216780	Multitude Inc.
2020206354	Saranas, Inc.	2020217528	IHI Corporation
2020206375	Rollease Acmeda Pty Ltd	2020217643	Microsoft Technology Licensing, LLC
2020206670	Infra-SGA, Inc.	2020218173	Hendrickson USA, L.L.C.
2020206760	GT Anchor, LLC	2020219124	Oy Halton Group Ltd.
2020206782	Ball Corporation	2020219230	De Luca Oven Technologies, LLC; Taylor Commercial Foodservice, LLC
2020206880	Synthes GmbH		Sacyr Concesiones S.L.
2020207211	University of Washington; The Regents of The University of California	2020220472	Amadeus S.A.S.
		2020220612	

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2020220878 Bticino SpA
2020220880 Guala Pack S.p.A.
2020221056 500 Group, Inc.
2020222942 Easee AS
2020223180 SI-BONE Inc.
2020223376 Just - Evotec Biologics, Inc.; Merck Sharp & Dohme Corp.

2020223413 Bayer Aktiengesellschaft
2020223491 Carlsberg Breweries A/S
2020224132 Urschel Laboratories, Inc.
2020224663 Stratos Genomics, Inc.
2020224828 Komatsu Ltd.
2020225508 Alcon Inc.
2020226525 Coapt LLC
2020226945 Merz Pharma GmbH & Co. KGaA
2020227620 IPH International Pty Ltd
2020229289 Microsoft Technology Licensing, LLC
2020230210 Bayer Aktiengesellschaft
2020231412 Smiths Medical ASD, Inc.
2020232066 Keio University
2020232862 American Wave Machines, Inc.
2020235070 Ubiquitek Ltd.
2020237002 Itron, Inc.
2020238811 Genentech, Inc.
2020242228 MorphoSys AG
2020242577 Technische Universität Wien
2020243509 Guala Pack S.p.A.
2020245002 LG Electronics Inc.
2020245240 Komatsuseiki Kosakusho Co., Ltd.
2020245261 Precision Planting LLC
2020246758 Sika Technology AG
2020247621 Pluristem Ltd.
2020248138 Kabushiki Kaisha Toyota Jidoshokki
2020249624 Tampere University Foundation sr
2020256063 Zephyros, Inc.
2020280984 Raytheon Company
2020285595 Magellan Systems Japan, Inc.
2020296356 Venter, J.
2020311830 Smith, M.
2020316988 Capital One Services, LLC
2020323956 SenseTime International Pte. Ltd.
2020356798 Shandong University of Science and Technology; Tiandi Science & Technology Co., Ltd.

2020364225 Illumina, Inc.
2020369890 Mathys AG Bettlach
2020376100 BOE Technology Group Co., Ltd.
2020379389 Hany, D.
2020386991 Innovative Mining Products (Pty) Ltd
2020393199 Ratti, J.
2020414358 Capital One Services, LLC
2020414359 Capital One Services, LLC
2020415282 Capital One Services, LLC

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<u>A01B 63 /-</u>	<u>A01N 43 /-</u>	<u>A41D 27 /-</u>	<u>A47J 45 /-</u>	2019426889	<u>A61K 31 /-</u>
2019395831	2019298631	2019398029	2019418841	2019427293	2019386792
<u>A01C 15 /-</u>	<u>A01P 13 /-</u>	<u>A41G 5 /-</u>	<u>A47L 11 /-</u>	2019427497	2019387124
2020209867	2019298631	2020209743	2019401424	2020206880	2019388929
<u>A01C 7 /-</u>	<u>A23B 7 /-</u>	<u>A43B 13 /-</u>	2019416021	2020210603	2019390667
2020245261	2019416609	2018455872	<u>A47L 15 /-</u>	<u>A61C 1 /-</u>	2019392502
<u>A01D 43 /-</u>	<u>A23F 3 /-</u>	2019391647	2019418785	2019423994	2019392549
2019395831	2019391591	<u>A43B 7 /-</u>	<u>A47L 7 /-</u>	2020204736	2019393347
<u>A01D 57 /-</u>	<u>A23F 5 /-</u>	2019391647	2019416021	<u>A61C 15 /-</u>	2019393754
2019395831	2019416736	<u>A45D 34 /-</u>	<u>A47L 9 /-</u>	2019389160	2019394847
<u>A01D 75 /-</u>	<u>A23K 10 /-</u>	2019421078	2019401424	<u>A61C 3 /-</u>	2019396415
2019395831	2019396103	<u>A45D 44 /-</u>	2019416021	2020204736	2019397429
<u>A01G 23 /-</u>	2019396986	2020209743	<u>A61B 1 /-</u>	<u>A61F 13 /-</u>	2019397511
2019391399	2019396990	<u>A46B 11 /-</u>	2020210603	2020211392	2019398016
<u>A01G 27 /-</u>	2019408275	2019421078	<u>A61B 17 /-</u>	<u>A61F 2 /-</u>	2019400736
2019389302	2019424830	2020211948	2019413141	2019418114	2019400838
<u>A01H 1 /-</u>	<u>A23L 19 /-</u>	<u>A47B 21 /-</u>	2019418411	2020205635	2019403245
2019422681	2019416609	2018451608	2019423994	2020206760	2019405961
<u>A01H 5 /-</u>	<u>A23L 2 /-</u>	<u>A47C 15 /-</u>	2020204736	2020208293	2019407426
2019422681	2019391591	2019415778	2020206354	2020223180	2019414427
<u>A01H 6 /-</u>	2019391887	<u>A47C 4 /-</u>	2020206760	2020226525	2019414550
2019422681	2019395194	2019415778	2020206880	<u>A61F 5 /-</u>	2019417691
<u>A01M 1 /-</u>	<u>A23L 29 /-</u>	<u>A47C 7 /-</u>	2020208293	2019391647	2019417798
2019426842	2019396990	2019415778	2020210603	2019400927	2019418416
<u>A01M 17 /-</u>	2019414447	<u>A47F 9 /-</u>	2020223180	2019409001	2019418587
2019426842	<u>A23L 3 /-</u>	<u>A47G 19 /-</u>	<u>A61B 18 /-</u>	2019419502	2019419387
<u>A01M 21 /-</u>	2019413103	2019418500	2019396194	<u>A61F 7 /-</u>	2019424226
2020235070	2019418573	<u>A47H 5 /-</u>	2019419502	2020204925	2020204991
<u>A01M 25 /-</u>	2019418577	2020206375	<u>A61B 5 /-</u>	2020205035	2020205114
2019426842	2019419626	<u>A47J 27 /-</u>	2019384870	2020205114	2020205842
<u>A01M 29 /-</u>	<u>A23L 33 /-</u>	2019418500	2019399791	2020206010	2020205842
2020209191	2019396103	2019392651	2019400945	2020209940	2020209941
<u>A01M 9 /-</u>	2019396986	<u>A47J 33 /-</u>	2019417455	2020209941	2020211789
2020209867	2019396990	2019418500	2019417590	2020213265	2020213713
<u>A01N 1 /-</u>	2019416609	<u>A47J 36 /-</u>	2019417983	2020213713	2020215088
2019421047	2020208054	2019418841	2019418364	2020215510	2020364225
	<u>A24F 40 /-</u>	<u>A47J 37 /-</u>	2019429503	<u>A61F 9 /-</u>	
	2020210843	2019392651	2020204864	2020225508	<u>A61K 33 /-</u>
	<u>A41B 1 /-</u>	2019392651	2020205406	<u>A61G 13 /-</u>	2019400838
	2019398029	2019392651	2020206354	2020369890	2019423049
			2020212959	<u>A61G 5 /-</u>	2019423109
			2020249624	2019404594	2020206021
			2019426840	<u>A61G 7 /-</u>	2020211392
			2019426889	2019421379	<u>A61K 35 /-</u>
			2019427293	<u>A61G 9 /-</u>	2019392549
			2019427497	2019421379	2019396103
			<u>A61B 90 /-</u>	<u>A61J 1 /-</u>	2019396986
			2019426840	2020208054	2019396990
			2019426889	2020212026	2019397033
			2019427293	2020226945	2019418187
			2019427497	2020232066	2019430124
				2020247621	2020208054
					2020212026
					2020226945
					2020232066
					2020247621
					<u>A61K 36 /-</u>
					2019417798

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2019430124	<u>A61K 51 /-</u>	<u>A61N 1 /-</u>	2019405961 2020232066	2019469817	<u>B01J 37 /-</u>
<u>A61K 38 /-</u>	2019397436 2020213892	2019419450 2020204864	<u>A61P 35 /-</u>	<u>A61Q 7 /-</u>	2020215051
2018455720				2019416339	<u>B01J 8 /-</u>
2019387124	<u>A61K 8 /-</u>	<u>A61N 5 /-</u>	2018455720 2019386792	<u>A62C 3 /-</u>	2020208415
2019399720			2019388929	2019387449	<u>B01L 3 /-</u>
2019401868	2019417798	2019396194	2019390274		
2019413698	2019469817		2019392502	<u>A62D 1 /-</u>	2019392932
2019418319	2020211948	<u>A61P 1 /-</u>	2019393754		2019397371
2019470693		2019390667	2019393953	2019387449	
2020205951	<u>A61K 9 /-</u>	2019394099	2019394099		<u>B01L 7 /-</u>
2020210030	2019393347		2019396103	<u>A63B 69 /-</u>	2019397371
2020212026	2019401868	<u>A61P 11 /-</u>	2019396986		
	2019418744		2019396990	2019393833	
<u>A61K 39 /-</u>	2020206010	2019389806	2019397033	2020232862	<u>B03B 7 /-</u>
	2020209940	2019394099	2019399720		
2019389772	2020210881	2019419832	2019400736	<u>A63B 71 /-</u>	2018454693
2019389806	2020212026		2019406453		
2019390274	2020213265	<u>A61P 13 /-</u>	2019407426	2019393833	<u>B03C 1 /-</u>
2019394099	2020242577		2019407814		
2019397033		2019390667	2019409184	<u>A63F 7 /-</u>	2019402179
2019399720	<u>A61L 26 /-</u>	2020213713	2019409805		
2019401535		2020242228	2019414550	2020379389	<u>B03D 1 /-</u>
2019403245	2019396194	<u>A61P 17 /-</u>	2019416220		
2019404285			2019417691	<u>B01D 1 /-</u>	2018454693
2019405961	<u>A61L 27 /-</u>	2019416339	2019418416	2019413103	2019415164
2019407426		2019416727	2020204686		
2019409184	2019396194	2019424226	2020205035	<u>B01D 15 /-</u>	<u>B03D 103 /-</u>
2019413698	2020205635	2020210962	2020205842		
2019416324		2020247621	2020207641	2019409881	2018454693
2019416503	<u>A61M 1 /-</u>		2020211789	2020211998	<u>B04B 1 /-</u>
2019416727		<u>A61P 19 /-</u>	2020212001	2020223413	
2019418587	2019389258		2020215088	2020230210	2019395743
2020204686		2019470693			2019396481
2020205951	<u>A61M 11 /-</u>	2020213265	<u>A61P 37 /-</u>	<u>B01D 24 /-</u>	2019396482
2020206308				2019397447	2019398290
2020207641	2019418744	<u>A61P 21 /-</u>	2019393953		2019398292
2020210962			2019394099	<u>B01D 29 /-</u>	2019398638
2020216780	<u>A61M 15 /-</u>	2019414608	2019395424		
2020226945			2019417798	<u>B01D 29 /-</u>	
2020242228	2019418744	<u>A61P 25 /-</u>	2019419832	2019397447	<u>B04B 11 /-</u>
	2020210843		2020205114	2019402179	2019395743
<u>A61K 45 /-</u>	<u>A61M 16 /-</u>	2019390667	2020212001		2019396481
		2019397067	2020213265	<u>B01D 33 /-</u>	2019396482
2019407426	2019391186	2019398016		2019397447	2019398290
2019414427	2020212621	2019418187	<u>A61P 43 /-</u>		2019398292
2020213265		2019423049		<u>B01D 35 /-</u>	2019398638
	<u>A61M 21 /-</u>	2019423109	2019407426		2019400046
<u>A61K 47 /-</u>		2019427489	2020207664	2019402179	<u>B04B 5 /-</u>
	2019362806	2019470693			
2019386945	2019419450	2020208054	<u>A61P 5 /-</u>	<u>B01D 61 /-</u>	2019395743
2019407426		2020215510			
2019418587	<u>A61M 25 /-</u>	2020226945	2019401868	2019409881	<u>B04B 7 /-</u>
2019423049					
2019423109	2019419358	<u>A61P 29 /-</u>	<u>A61P 7 /-</u>	<u>B01J 20 /-</u>	2019395743
2020204686	2020231412				2019396481
2020205662		2019417798	2019399720	2019409881	2019398290
2020206021	<u>A61M 39 /-</u>	2019470693	2020206021		2019398638
2020210881		2020210030		<u>B01J 21 /-</u>	2019400046
2020212534	2019400927		<u>A61P 9 /-</u>		
	2019409001	<u>A61P 3 /-</u>		2020215051	<u>B04B 9 /-</u>
<u>A61K 48 /-</u>	2020208293		2019397511		
	2020210603	2019393347	2020206021	<u>B01J 23 /-</u>	2019396482
2019388011	2020214784	2020207664	2020213713		
2019404061				2020215051	<u>B04C 5 /-</u>
2019414427	<u>A61M 5 /-</u>	<u>A61P 31 /-</u>	<u>A61Q 11 /-</u>		
2019414608				<u>B01J 35 /-</u>	
2020207962	2019417455	2019389772	2020211948		2020215288
2020212026	2020231412	2019389806		2020215051	
		2019401535	<u>A61Q 19 /-</u>		
		2019403245			
			2019417798		

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<u>B05B 9 /-</u>	<u>B32B 37 /-</u>	<u>B62K 5 /-</u>	<u>B65G 15 /-</u>	<u>C07C 1 /-</u>	<u>C07D 401 /-</u>
2019426842	2020204797	2019388457	2019412870	2020208415	2019392502
<u>B05C 17 /-</u>	<u>B41F 33 /-</u>	<u>B62M 1 /-</u>	<u>B65G 5 /-</u>	<u>C07C 2 /-</u>	2019393754
2019426842	2020206782	2019388457	2019397179	2020215051	2019393953
<u>B05D 1 /-</u>	<u>B41J 2 /-</u>	<u>B62M 11 /-</u>	<u>B65H 75 /-</u>	<u>C07C 229 /-</u>	2019400736
2019418818	2018452006	2019388457	2019394005	2020215088	2019422282
<u>B21B 3 /-</u>	<u>B41M 3 /-</u>	<u>B62M 7 /-</u>	<u>B66B 23 /-</u>	<u>C07C 233 /-</u>	2020205035
2020245240	2019408423	2019419172	2019394592	2019397429	2020205842
<u>B25B 27 /-</u>	<u>B42D 25 /-</u>	<u>B63B 27 /-</u>	<u>B67D 1 /-</u>	2020215510	<u>C07D 403 /-</u>
2020224132	2019408423	2019412732	2020223491	2019397067	2019393953
<u>B26D 1 /-</u>	<u>B44C 5 /-</u>	2019416005	<u>B81B 1 /-</u>	<u>C07C 235 /-</u>	2019414550
2020207226	2020210473	<u>B63C 7 /-</u>	2020211642	2019397067	2020215088
<u>B26D 3 /-</u>	<u>B60B 27 /-</u>	2019412732	<u>C01B 17 /-</u>	<u>C07C 273 /-</u>	<u>C07D 405 /-</u>
2020207226	2019419172	2019416005	2020211392	2019405414	2020205842
2020224132	<u>B60C 19 /-</u>	<u>B64C 29 /-</u>	<u>C01D 15 /-</u>	<u>C07C 57 /-</u>	2019400736
<u>B26D 7 /-</u>	2019387449	2019433213	2019409881	2019393347	<u>C07D 409 /-</u>
2020207226	<u>B60C 9 /-</u>	<u>B64C 39 /-</u>	<u>C02F 1 /-</u>	<u>C07C 59 /-</u>	2019418416
2020224132	2019394115	2020296356	2018454693	2019397067	<u>C07D 413 /-</u>
<u>B27L 5 /-</u>	<u>B60G 11 /-</u>	<u>B64C 5 /-</u>	2019402179	<u>C07C 69 /-</u>	2019422282
2019426490	2019404594	2019433213	2019418963	2019397067	2020205842
<u>B28B 7 /-</u>	<u>B60G 17 /-</u>	<u>B64D 1 /-</u>	<u>C02F 103 /-</u>	<u>C07D 235 /-</u>	<u>C07D 417 /-</u>
2019397179	2020218173	2020296356	2018454693	2019386792	2019400736
2020209381	<u>B60L 53 /-</u>	<u>B64D 33 /-</u>	<u>C04B 103 /-</u>	<u>C07D 239 /-</u>	2019418416
<u>B29C 44 /-</u>	2019394971	2020311830	2020246758	2020204991	2020205842
2019394610	2020222942	<u>B64D 9 /-</u>	<u>C04B 14 /-</u>	<u>C07D 253 /-</u>	<u>C07D 451 /-</u>
<u>B29C 65 /-</u>	<u>B60L 58 /-</u>	2020296356	2020221056	2020215088	2019388929
2019392932	2019394971	<u>B65D 19 /-</u>	<u>C04B 24 /-</u>	<u>C07D 263 /-</u>	2019393754
<u>B29C 70 /-</u>	<u>B60P 1 /-</u>	2020204812	2020246758	2019386792	2020212001
2019419512	2020215361	2020205167	<u>C05C 1 /-</u>	<u>C07D 269 /-</u>	<u>C07D 487 /-</u>
<u>B29D 29 /-</u>	<u>B60Q 1 /-</u>	<u>B65D 39 /-</u>	2019393370	2019386792	2020211789
2019412870	2019398216	2020204683	<u>C05C 3 /-</u>	<u>C07D 277 /-</u>	<u>C07D 491 /-</u>
<u>B29D 35 /-</u>	<u>B60W 30 /-</u>	<u>B65D 41 /-</u>	2019393370	2019386792	2020205114
2019391647	2019387098	2020204683	<u>C05C 9 /-</u>	<u>C07D 283 /-</u>	<u>C07F 7 /-</u>
<u>B32B 15 /-</u>	<u>B61L 5 /-</u>	2020220880	2019393370	2019386792	2020213892
2019415941	<u>B62B 7 /-</u>	<u>B65D 51 /-</u>	<u>C05D 9 /-</u>	<u>C07D 285 /-</u>	<u>C07H 1 /-</u>
<u>B32B 27 /-</u>	2020209191	2019421078	2019393370	2019410716	2019391012
2019394553	<u>B62K 25 /-</u>	<u>B65D 75 /-</u>	<u>C07B 59 /-</u>	<u>C07D 307 /-</u>	<u>C07H 15 /-</u>
<u>B32B 3 /-</u>	2019388457	2019391411	2020213892	2019396415	2019400736
2019394553		2020220880		2019396415	2019416109
		2020243509		<u>C07D 311 /-</u>	<u>C07H 19 /-</u>
				2019397436	2019396415

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2020211600	2019407814	C09D 175 /-		C12Q 1 /-	
C07H 21 /-	2019409805		C12N 1 /-		D01F 1 /-
	2019416503	2019414454		2019388420	
2019391012	2020205951	2020204871	2019396990	2019392906	2019416800
2019414427	2020210881	2020209381	2019410719	2019395588	
2019414608	2020211564		2019417798	2019397371	D01F 8 /-
		C09D 189 /-	2020245240	2019401465	
C07J 41 /-	C07K 7 /-			2019410719	2019416800
	2019470693	2020215562	C12N 11 /-	2019416610	
2020205662		C09D 4 /-		2019418340	D21H 11 /-
C07J 43 /-	C08B 30 /-	2020204670	C12N 15 /-	2019422681	
	2019414447			2019424830	2019387449
2020205662		C09D 5 /-	2018455720	2020211642	2019399533
C07J 71 /-	C08B 37 /-	2019418818	2019388011	2020364225	D21H 17 /-
	2020204925	2020215562	2019388420		
2020205662	2020205662		2019390274	2019396990	D21H 21 /-
C07K 1 /-	C08F 120 /-	C10J 3 /-	2019392906		
	2020204670		2019394847	C21D 9 /-	2019399533
2020213017	2020204670	2019386897	2019399720		
2020223376			2019404061	2020245240	D21J 3 /-
C07K 14 /-	C08F 220 /-	C10L 5 /-	2019406778		
	2020246758		2019408503	C22B 11 /-	2019399533
2018455720		C10M 117 /-	2019409184	2018454693	E01C 11 /-
2019395424	C08G 18 /-		2019414427		
2019397033		2019421433	2019414608	C22B 26 /-	2019397179
2019404285	2019414454		2019416109	2018454693	E01F 9 /-
2019418319	2020204871	C10M 125 /-	2019418154		
2019418750	2020209381		2019418750	C22B 3 /-	2020220472
2019422681		2019421433	2019429609		E02B 11 /-
2020204686	C08G 59 /-		2020205113	2018454693	
2020207211		C10M 143 /-	2020209941		E02B 13 /-
2020207641	2020256063		2020210130	C23C 22 /-	2020206670
2020210881		2019421433	2020211564		
2020211564	C08G 75 /-		2020211642	2019393870	E02B 13 /-
2020212026		C10M 147 /-			
2020212534	2019414454		C12N 5 /-	C23C 26 /-	2019397179
2020216780		2019421433	2019388011	2019421433	E02D 17 /-
C07K 16 /-	C08H 1 /-	C10M 159 /-	2019395424		
	2020215562		2019411781	C23C 28 /-	2019393145
2019390274		2019421433	2019416339	2019421433	E02D 5 /-
2019394099	C08J 7 /-	C10N 30 /-	2019418187		
2019397033			2020205951	C25B 1 /-	2019411524
2019403245	2020215562	2019421433	2020211564		E02F 3 /-
2019404061			2020247621	2019401616	
2019406453	C08J 9 /-	C10N 40 /-			E02F 3 /-
2019407814			C12N 7 /-	C25B 15 /-	2019400859
2019409184	2020256063	2019421433		2019401616	2019426437
2019409805			C12N 9 /-		2020224828
2019416220	C08L 23 /-	C11C 3 /-		C25B 3 /-	E02F 9 /-
2019416324			2019406778	2019401616	2019391600
2019416503	2019394553	2019417798	2019408503		
2019416727			2019429609	C40B 30 /-	E03B 3 /-
2019419832	C08L 5 /-	C12C 5 /-	2020210130		
2020204686			2020242577	2019392906	2019392204
2020204904	2020204925	2019426388		2020224663	
2020205951			C12P 17 /-		E03F 1 /-
2020206308	C09D 1 /-	C12C 7 /-		C40B 40 /-	2020206670
2020207664			2018450999	2019408503	
2020210962	2019413405	2019426388			E03F 5 /-
2020211998			C12P 19 /-	D01D 13 /-	2020206670
2020212534	C09D 109 /-	C12G 3 /-		2019416800	
2020213017			2020242577		E04B 1 /-
2020242228	2019413405	2019426388		D01D 5 /-	2019397179
C07K 19 /-	C09D 163 /-	C12M 1 /-	C12P 21 /-		2020221056
	2020209381			2019416800	
2019399720		2019412711	2020205113		
2019406453		2019412713	2020213017		
		2020223376	2020223376		

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<u>E04C 2 /-</u>	<u>F03D 7 /-</u>	<u>F17C 3 /-</u>	<u>F26B 3 /-</u>	<u>G01N 3 /-</u>	<u>G02B 21 /-</u>
2020221056	2019413432	2019397179	2019413103	2019417983	2020207942
<u>E04F 15 /-</u>	<u>F03G 3 /-</u>	<u>F17C 6 /-</u>	<u>F28F 13 /-</u>	<u>G01N 30 /-</u>	<u>G02B 26 /-</u>
2019394553	2019416221	2020214100	2019414511	2020223413 2020230210	2019417832 2019418766
<u>E04G 9 /-</u>	<u>F04B 39 /-</u>	<u>F17D 5 /-</u>	<u>F42B 5 /-</u>	<u>G01N 33 /-</u>	<u>G02B 5 /-</u>
2020209381	2019388265	2019409709	2019419221	2019392906 2019395588 2019396220	2019408423
<u>E04H 12 /-</u>	<u>F16B 2 /-</u>	<u>F21S 8 /-</u>	<u>F42C 15 /-</u>	2019416610 2019424830	<u>G05B 11 /-</u>
2020204797	2020209191	2020220472	2020216556 2020216558	2020205150 2020207942	2020230210
<u>E04H 4 /-</u>	<u>F16B 5 /-</u>	<u>F22B 27 /-</u>	<u>F42C 19 /-</u>	2020212604 2020213265 2020238811	<u>G05B 19 /-</u>
2020232862	2020227620	2019406286	2020216558		2019413432
<u>E05B 49 /-</u>	<u>F16D 11 /-</u>	<u>F22B 3 /-</u>	<u>F42D 1 /-</u>	<u>G01N 9 /-</u>	<u>G05D 1 /-</u>
2019387477	2019419172	2019406286	2020216556 2020216558	2019415164	2019387098
<u>E06B 9 /-</u>	<u>F16D 49 /-</u>	<u>F22B 35 /-</u>	<u>G01C 11 /-</u>	<u>G01R 11 /-</u>	<u>G06F 11 /-</u>
2020206375 2020227620	2019426840 2019426889 2019427293 2019427497	2020217528	2020224828	2020206320	2020237002
<u>E21B 3 /-</u>	<u>F16D 65 /-</u>	<u>F24C 1 /-</u>	<u>G01C 15 /-</u>	<u>G01R 21 /-</u>	<u>G06F 12 /-</u>
2019426437	2019426840 2019426889 2019427293 2019427497	2019420533 2020205145	2020224828	2019401591 2020206320	2020217643
<u>E21D 20 /-</u>		<u>F24C 15 /-</u>	<u>G01C 21 /-</u>	<u>G01R 31 /-</u>	<u>G06F 13 /-</u>
2020386991		2020219124	2019387098	2019413696	2018452006
<u>E21F 17 /-</u>	<u>F16F 9 /-</u>	<u>F24C 7 /-</u>	<u>G01C 9 /-</u>	<u>G01R 33 /-</u>	<u>G06F 15 /-</u>
2020356798	2020218173	2019420533 2020219230	2020356798	2019386387 2019387265 2019387628 2019417058 2019429503	2019414301
<u>F01D 15 /-</u>	<u>F16J 15 /-</u>	<u>F24D 19 /-</u>	<u>G01F 1 /-</u>	<u>G01S 15 /-</u>	<u>G06F 16 /-</u>
2020311830	2019396482	2019402179	2019415164	2020356798	2019402169
<u>F01K 11 /-</u>	<u>F16K 15 /-</u>	<u>F24F 1 /-</u>	<u>G01F 23 /-</u>	<u>G01S 17 /-</u>	<u>G06F 17 /-</u>
2019406286	2019388265	2020209621	2019415164	2019399430 2019417832 2019418812 2019429696	2019419398
<u>F01K 13 /-</u>	<u>F16L 1 /-</u>	<u>F24F 11 /-</u>	<u>G01M 3 /-</u>	<u>G01S 19 /-</u>	<u>G06F 21 /-</u>
2019406286	2019417977	2019423025 2019432579 2020209621	2019409709 2020204797	2019418103 2020285595	2018452176 2019413702 2019414301 2019417727 2019420941 2020237002 2020414359
<u>F02C 6 /-</u>	<u>F16L 15 /-</u>	<u>F24F 5 /-</u>	<u>G01N 15 /-</u>	<u>G01S 7 /-</u>	<u>G06F 8 /-</u>
2020311830	2019421433	2019414511	2019412711 2019412713 2020245261	2019417832 2019418766 2019418812 2019429696	2020237002
<u>F02M 26 /-</u>	<u>F16M 11 /-</u>	<u>F25B 49 /-</u>	<u>G01N 21 /-</u>	<u>G01V 1 /-</u>	<u>G06K 7 /-</u>
2020248138	2019426840 2019426889 2019427293 2019427497	2019432579	2019396220 2020245261	2020209347	2018451608 2020206018
<u>F02M 35 /-</u>	<u>F16M 13 /-</u>	<u>F25D 23 /-</u>	<u>G01N 27 /-</u>		
2020248138	2019418573 2019418577 2019419626	2019418573 2019418577 2019419626	2019409709		
<u>F03B 17 /-</u>		<u>F25J 1 /-</u>	<u>G01N 29 /-</u>		
2019416221	2019426840 2019426889 2019427293 2019427497 2020296356	2020213611	2019409709 2019415164 2019417983		
<u>F03D 13 /-</u>					
2020204797					

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G06K 9 /-	G08B 13 /-	H01L 27 /-	H02J 7 /-	2020237002	H04W 4 /-
2019391186	2019424420	2019429186	2020206375	2020316988	2018455187
2019424420	G08B 19 /-	2020376100	2020222942	2020414358	2019418503
2020323956				2020415282	2020205064
2020393199	2019418434	H01L 29 /-	H02K 1 /-	H04L 9 /-	2020206018
		2019429186	2019390482	2019417727	2020237002
G06N 10 /-	G08B 23 /-			2019443265	2020415282
		H01L 31 /-	H02K 11 /-	2020415282	H04W 64 /-
2020229289	2020212959	2019419006	2020215361	H04M 1 /-	2020211927
G06N 20 /-	G08B 29 /-				
		H01L 39 /-	H02K 3 /-	2019418434	H04W 72 /-
2019409709	2020212959	2019429186	2019390482	2020316988	2018455187
2020217528	G09F 3 /-				2019421242
		H01M 4 /-	H02K 5 /-	H04M 15 /-	2019428110
G06N 3 /-	2020209457	2019425621	2019390482	2020316988	2019429259
			2020215361	H04M 3 /-	2019440085
2019409709	G10L 19 /-	H01M 50 /-			2020211927
2020229289		2019409037	H02K 7 /-	2020206018	H04W 74 /-
	2019392876	2020209466		2020316988	
G06N 7 /-	2019392988		2019390482		2019427652
	2019394097	H01M 8 /-	H02M 1 /-	H04N 19 /-	2019427844
2019419398		2019425621	2019394092	2019405497	H04W 76 /-
G06Q 10 /-	G16B 20 /-			2019417996	
		H01R 13 /-	H02M 7 /-	2020206243	2019418503
2019412531	2019404547	2020222942	2019394092	2020245002	
2019418503			2019423646	H04N 21 /-	H04W 92 /-
2019423192	G16B 5 /-	H01R 25 /-			
		2020210096	H02P 27 /-	2020206243	2018455187
G06Q 20 /-	2019413796		2019437996	2020214777	2019428110
		H01R 39 /-		H04N 7 /-	H05B 1 /-
2019389126	G16H 40 /-	2020215361	H02S 40 /-	2020205406	2020219230
2019424420			2019419006	H04Q 3 /-	H05B 3 /-
2019443265	2020205406	H02G 1 /-			2019418500
2020220612		2020209191	H03M 5 /-	2020316988	2020219230
2020414358	G16H 50 /-		2019394821	H04S 7 /-	H05B 6 /-
2020414359		H02G 3 /-		2019392876	2019418573
	2019413796	2020210096	H04B 3 /-	2019392988	2019418574
G06Q 30 /-	2019417455		2019412575	2019394097	2019418577
	2019418813	H02G 7 /-	H04K 3 /-	H04W 12 /-	2019418922
2019387166		2020209191			2019419132
2019424420	G16H 80 /-		2019412575	2019418503	2019419626
2019443265		H02G 9 /-	H04L 1 /-	2020205064	2020205145
2020220612	2020205406	2020210096		2020237002	H05K 3 /-
			2019421242	2020316988	
G06Q 40 /-	H01F 6 /-	H02H 3 /-	2020207325	2020415282	2019436797
		2019416223	H04L 12 /-	H04W 16 /-	
2019443265	2019429503		2020204648	2019428110	
		H02G 7 /-	2020206018	2019429259	
G06T 11 /-	H01F 7 /-	2020209191	2020208169	H04W 28 /-	
2019413796	2019386387	H02G 9 /-	H04L 29 /-	2018455187	
	2019387265	2020210096		2019428110	
G06T 7 /-	2019387628		2019387166		
		H02H 3 /-	2019392497	H04W 36 /-	
2018456044	H01H 21 /-	2019416223	2019417710		
2019396220			2020204648	2019428110	
2019405497	2020220878	H02H 7 /-	2020205064	2019429259	
2020207942		2018455569	2020205406		
	H01H 23 /-		2020205406		
G07C 9 /-		H02J 13 /-	2020214777		
	2020220878				
2019387477	H01H 9 /-	2019423192			
			2019387166		
G07G 1 /-	2019414432		2019392497		
		H02J 3 /-	2019417710		
2019424420	2019416218		2020204648		
	2020220878	2019394092	2020205064	2019428110	
G07G 3 /-	H01L 23 /-	2019401591	2020205406	2019429259	
		2019423646			
2019424420	2019436797				

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<p>(71) 3M Innovative Properties Company (11) AU-B-2019244700 (21) 2019244700 (22) 26.03.2019 (54) Voice-activated sound encoding for headsets using frequency domain representations of microphone signals (51) Int. Cl. <i>G10L 25/78</i> (2013.01) <i>A61F 11/14</i> (2006.01) <i>H04R 3/00</i> (2006.01) <i>H04R 27/00</i> (2006.01) (87) WO2019/186403 (31) 62/649,852 (32) 29.03.18 (33) US (43) 03.10.2019 (44) 22.07.2021 (72) APELQVIST, Stefan M.; GIDLA, Vijay K.; MANGAM, Abel Gladstone; KIHLEBERG, Roger (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) 4D Pharma PLC (11) AU-B-2019204812 (21) 2019204812 (22) 04.07.2019 (54) Compositions comprising bacterial strains (51) Int. Cl. <i>A61K 35/74</i> (2006.01) <i>A61K 9/19</i> (2006.01) (43) 25.07.2019 (44) 22.07.2021 (62) 2017294652 (72) Bernalier-Donadille, Annick; Crouzet, Laureen; Habouzit, Chloe (74) FB Rice Pty Ltd</p> <hr/> <p>(71) 4D Pharma Research Limited (11) AU-B-2020244599 (21) 2020244599 (22) 02.10.2020 (54) Compositions comprising bacterial strains (51) Int. Cl. <i>A61K 35/74</i> (2006.01) <i>A61K 35/745</i> (2015.01) <i>A61P 1/00</i> (2006.01) <i>A61P 11/06</i> (2006.01) <i>A61P 19/02</i> (2006.01) <i>A61P 25/28</i> (2006.01) <i>A61P 29/00</i> (2006.01) <i>A61P 35/00</i> (2006.01) <i>C12N 1/20</i> (2006.01) (43) 05.11.2020 (44) 22.07.2021 (62) 2016278072 (72) Grant, George; Patterson, Angela Margaret; Mulder, Imke; McCluskey, Sean-in; Raftis, Emma (74) FB Rice Pty Ltd</p> <hr/> <p>(71) 7424401 Manitoba Ltd., dba Bushel Plus (11) AU-B-2018203052 (21) 2018203052 (22) 02.05.2018</p>	<p>(54) DROP PAN SYSTEM AND SAMPLE SEPARATOR FOR GRAIN LOSS MEASUREMENT OR OTHER SAMPLE COLLECTION AND ASSESSMENT (51) Int. Cl. <i>A01D 41/127</i> (2006.01) (43) 21.11.2019 (44) 22.07.2021 (72) Kringe, Marcel; Reichelt, Martin (74) Summit IP</p> <hr/> <p>(71) 9 SPOKES KNOWLEDGE LIMITED (11) AU-B-2016257766 (21) 2016257766 (22) 18.03.2016 (54) Methods and systems for use in monitoring the operations of a business (51) Int. Cl. <i>G06Q 10/00</i> (2006.01) <i>G06Q 90/00</i> (2006.01) (87) WO2016/176719 (31) 2015901618 (32) 06.05.15 (33) AU (43) 10.11.2016 (44) 22.07.2021 (72) Estall, Mark; Grant, Adrian (74) Adams Pluck</p> <hr/> <p>(71) Ab Initio Technology LLC (11) AU-B-2016301376 (21) 2016301376 (22) 04.08.2016 (54) Selecting queries for execution on a stream of real-time data (51) Int. Cl. <i>G06F 16/242</i> (2019.01) <i>G06F 16/2455</i> (2019.01) <i>G06F 16/901</i> (2019.01) (87) WO2017/024164 (31) 14/818,895 (32) 05.08.15 (33) US (43) 09.02.2017 (44) 22.07.2021 (72) Gadodia, Rajesh; Wholey, Joseph Skeffington (74) RnB IP Pty Ltd</p> <hr/> <p>(71) Ablynx N.V. (11) AU-B-2015366284 (21) 2015366284 (22) 18.12.2015 (54) Cysteine linked nanobody dimers (51) Int. Cl. <i>C07K 16/18</i> (2006.01) <i>C07K 16/28</i> (2006.01) (87) WO2016/097313 (31) 62/094,179 (32) 19.12.14 (33) US 62/140,611 31.03.15 US (43) 23.06.2016 (44) 22.07.2021 (72) Janssen, Daniel; Schotte, Peter; Descamps, Francis; Boutton, Carlo; Casteels, Peter (74) Shelston IP Pty Ltd.</p> <hr/> <p>(71) Acceleron Pharma Inc. (11) AU-B-2019240707 (21) 2019240707 (22) 04.10.2019</p>	<p>(54) Variants derived from ActRIIB and uses therefor (51) Int. Cl. <i>C07K 14/705</i> (2006.01) <i>A61K 38/17</i> (2006.01) (43) 24.10.2019 (44) 22.07.2021 (62) 2018201131 (72) Knopf, John; Kumar, Ravindra; Seehra, Jasbir (74) Pearce IP Pty Ltd</p> <hr/> <p>(71) Accenture Global Solutions Limited (11) AU-B-2018306627 (21) 2018306627 (22) 27.07.2018 (54) Service provider support platform (51) Int. Cl. <i>G06Q 30/00</i> (2012.01) <i>G06Q 30/02</i> (2012.01) <i>G06Q 50/12</i> (2012.01) (87) WO2019/023588 (31) 62/538,162 (32) 28.07.17 (33) US (43) 31.01.2019 (44) 22.07.2021 (72) MOTAZEDI, Eric; KISSLER, Simon Alexander Klaus; LANCASTER, Matthew Daniel; ESCALERA, Alejandro Leon (74) Murray Trento & Associates Pty Ltd</p> <hr/> <p>(71) Adobe Inc. (11) AU-B-2017202682 (21) 2017202682 (22) 24.04.2017 (54) RENDERING OF DIGITAL IMAGES ON A SUBSTRATE (51) Int. Cl. <i>G06T 7/00</i> (2006.01) <i>G06T 11/00</i> (2006.01) (31) 15/192,541 (32) 24.06.16 (33) US (43) 18.01.2018 (44) 22.07.2021 (72) Wilensky, Gregg (74) RnB IP Pty Ltd</p> <hr/> <p>(71) Adobe Inc. (11) AU-B-2018203947 (21) 2018203947 (22) 04.06.2018 (54) COLLABORATIVE VIRTUAL REALITY ANTI-NAUSEA AND VIDEO STREAMING TECHNIQUES (51) Int. Cl. <i>G06F 3/01</i> (2006.01) (31) 15/680,523 (32) 18.08.17 (33) US (43) 07.03.2019 (44) 22.07.2021 (72) DiVerdi, Stephen; Williams, Brian; Hertzmann, Aaron (74) RnB IP Pty Ltd</p> <hr/> <p>(71) Adobe Inc. (11) AU-B-2018206708 (21) 2018206708 (22) 17.07.2018 (54) PROJECT FACES (51) Int. Cl.</p>
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B44C 5/04 (2006.01)
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B01D 15/04 (2006.01)
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2016203374	PGS Geophysical AS	2016389907	The Will-Burt Company
2016204754	Vater, L.	2016395858	Halliburton Energy Services, Inc.
2016210585	Johnson & Johnson Vision Care, Inc.	2016396782	LzLabs GmbH
2016210609	Kongsberg Defence & Aerospace AS	2016402670	Statoil Petroleum AS
2016211783	Regeneron Pharmaceuticals, Inc.	2016406274	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016220331	Alibaba Group Holding Limited	2016409079	Visa International Service Association
2016226061	Watt Fuel Cell Corp.	2016414454	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016228537	Alarm.com Incorporated	2016422165	Halliburton Energy Services, Inc.
2016228933	FLSmidth A/S	2017200572	Magen Eco Energy A.C.S Ltd
2016231596	Rees Operations Pty Ltd	2017202682	Adobe Inc.
2016234892	Lettela Pty Limited	2017202707	Nucor Corporation; Asia Fastening (US), Inc.
2016238847	Samjin Steel ind. Co., Ltd; Shin, H.	2017204388	Integra LifeSciences Switzerland Sarl
2016245323	JAIN AGRICULTURE SERVICES AUSTRALIA PTY LTD	2017204937	Amir, A.
2016246655	The J. David Gladstone Institutes, A Testamentary Trust Established Under The Will of J. David Gladstone	2017208691	Otechos AS
2016246839	Chart Energy & Chemicals, Inc.	2017208955	Simplivia Healthcare Ltd.
2016247016	Filigrade B.V.	2017209799	Agri Advanced Technologies GmbH
2016249780	F. Hoffmann-La Roche AG	2017210226	Microsoft Technology Licensing, LLC
2016253147	Mesa Biotech, Inc.	2017212389	Magic Leap, Inc.
2016255004	Waterguru, Inc.	2017213739	Hollister Incorporated
2016255255	Toray Industries, Inc.	2017213900	Sumitomo Chemical Company, Limited
2016256719	Caterpillar Inc.	2017214489	Velano Vascular, Inc.
2016257766	9 SPOKES KNOWLEDGE LIMITED	2017215107	BASF SE
2016258453	Hubbell Incorporated	2017215285	Colour Tone Masterbatch Limited
2016261527	Hoshizaki Corporation	2017218794	Seevix Material Sciences Ltd.
2016268064	Board of Regents, The University of Texas System	2017219961	Backbone
2016270733	Simmons Engineering Company	2017223267	Auckland UniServices Limited
2016273342	Schreder	2017223490	Mars, Incorporated
2016277738	Graco Minnesota Inc.	2017226004	Propellon Therapeutics Inc.
2016281454	Combi Wear Parts AB	2017230471	Ishihara Sangyo Kaisha, Ltd.
2016281620	Calithera BioSciences, Inc.	2017232610	Plexxikon Inc.
2016281622	Immunomedics, Inc.	2017232868	Sun Pharmaceutical Industries Ltd.
2016287019	Electrolux Appliances Aktiebolag	2017241341	BP Corporation North America Inc.
2016287792	Diceman, J.	2017241767	Allergan, Inc.
2016290197	Axerovision, Inc.	2017241837	Signal Pharmaceuticals, LLC
2016290725	Hoyt Medical LLC	2017244114	Ayuvix Research, Inc.
2016296049	Electrolux Appliances Aktiebolag	2017247128	Qualcomm Incorporated
2016297439	Hasan, Syed Kamran	2017247447	Clever Culture Systems AG
		2017249060	Qualcomm Incorporated
		2017250076	The Regents of the University of Michigan

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2017254620	Green Plains Inc.	2018243390	Fireproof, LLC
2017256043	MAF Agrobotic	2018244074	Biomet Manufacturing, LLC
2017257258	Artsyukhovich, A.	2018245602	Hirotsu Bio Science Inc.; Nanpuh Hospital
2017259858	Solenis Technologies, L.P.	2018247213	Adobe Inc.
2017260101	View, Inc.	2018249357	Milliken & Company
2017262682	Huntsman Advanced Materials Americas LLC	2018256930	Hendrickson USA, L.L.C.
2017267204	Creo Medical Limited	2018257685	LG Electronics Inc.
2017268144	Infectious Disease Research Institute	2018263399	Effect Parking Limited
2017269292	Monsanto Technology LLC	2018265334	Telefonaktiebolaget LM Ericsson (publ)
2017269667	Huntleigh Technology Limited	2018266439	Telefonaktiebolaget LM Ericsson (publ)
2017271849	Nisshin Foods Inc.	2018267631	Bioverativ Therapeutics Inc.; Puget Sound Blood Center
2017272493	Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	2018270115	Google LLC
2017276135	S4 Energy B.V.	2018272238	Daikin Industries, Ltd.
2017280904	Microsoft Technology Licensing, LLC	2018282381	Mars Incorporated
2017285703	McMahon, J.	2018282712	Clean Planet Inc.
2017286592	Warsaw Orthopedic, Inc.	2018285865	Equinix, Inc.
2017288581	Nokia Technologies Oy	2018286625	The Board of Trustees of the Leland Stanford Junior University; Department of Veterans Affairs
2017289038	ChemoCentryx, Inc.	2018287519	Novartis AG
2017290060	Qpex Biopharma, Inc	2018292378	Raytheon Company
2017291794	H. Lundbeck A/S	2018294852	LG Electronics Inc.
2017295037	F. Hoffmann-La Roche AG	2018295533	Neuroderm Ltd
2017295720	Vertex Pharmaceuticals Incorporated	2018297028	Likua Endustriyel Ambalaj Malzm. San. Ve Tic. Ltd. Sti
2017297619	Magic Leap, Inc.	2018299288	Komatsu Ltd.
2017299447	Siemens Healthcare Diagnostics Inc.	2018299733	FMC Kongsberg Subsea AS
2017300600	OxFA GmbH	2018299805	Northrop Grumman Systems Corporation
2017302079	Idorsia Pharmaceuticals Ltd	2018300716	Tyco Electronics Raychem GmbH
2017305249	Magic Leap, Inc.	2018301839	Vermeer Manufacturing Company
2017307544	Hip Innovation Technology, LLC	2018306550	CaMa GeoScience AS
2017307925	Storopack Hans Reichenacker GmbH	2018306627	Accenture Global Solutions Limited
2017308578	Qualcomm Incorporated	2018306966	Fujitsu General Limited
2017310604	Sakata Inx Corporation	2018314932	Nokia Technologies Oy
2017311047	Merck Patent GmbH	2018318108	Jarvis Products Corporation
2017311316	Qualcomm Incorporated	2018322436	ExxonMobil Upstream Research Company
2017312482	Qualcomm Incorporated	2018323559	Park, S.
2017313298	Robert Bosch GmbH	2018325293	Nuovo Pignone Tecnologie Srl
2017323870	Kynan Duke IP, LLC	2018326846	Dainichiseika Color & Chemicals Mfg. Co., Ltd.
2017325870	Research Triangle Institute	2018328874	Luoyang Landglass Technology Co., Ltd
2017326435	Kemin Industries, Inc.	2018331521	Boston Scientific Neuromodulation Corporation; Onan-on Inc.
2017332755	Becton, Dickinson and Company	2018335829	Nicoventures Trading Limited
2017333603	R.M Creighton Dental Pty Ltd.	2018340856	XPRS SYSTEMS PTY LTD
2017339905	Hollister Incorporated	2018342116	Exxonmobil Upstream Research Company
2017362460	Sanofi	2018342117	Exxonmobil Upstream Research Company
2017371443	UCB Biopharma SRL	2018345469	Komatsu Ltd.
2017371674	Xenon Pharmaceuticals Inc.	2018346894	Western Pro Feeders, LLC
2017375050	Universidade do Minho	2018347775	Nicoventures Trading Limited
2017382340	Magpul Industries Corp.	2018349997	Nippon Telegraph and Telephone Corporation
2017390809	ZTE Corporation	2018351881	Illumina Cambridge Limited
2017406105	Essity Hygiene and Health Aktiebolag	2018354022	Milliken & Company
2017408169	Obshestvo S Ogranichennoi Otvetsstvennost'u "Biomicrogeli"	2018354135	FMC Technologies, Inc.
2017411632	The Yokohama Rubber Co., Ltd.	2018356942	Nicoventures Trading Limited
2017417081	Shenzhen Wisdom Science and Technology Co., Ltd	2018363128	Unilever PLC
2017426451	Brother Kogyo Kabushiki Kaisha	2018366793	Huawei Technologies Co., Ltd.
2017427464	Mitsubishi Electric Corporation	2018368628	Svitzer A/S
2017428325	Essity Hygiene and Health Aktiebolag	2018375044	Smart Installations AS
2017428889	Outotec (Finland) Oy	2018376904	Novartis AG
2017437992	Huawei Technologies Co., Ltd.	2018383264	Bridgestone Corporation
2017443609	Essity Hygiene and Health Aktiebolag	2018387422	Nicoventures Trading Limited
2017444624	Illumina, Inc.	2018387969	Nippon Telegraph and Telephone Corporation
2018203052	7424401 Manitoba Ltd., dba Bushel Plus	2018388873	Colgate-Palmolive Company
2018203947	Adobe Inc.	2018395858	Dropbox, Inc.
2018206708	Adobe Inc.	2018398735	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018210944	Omniome, Inc.	2018398955	CNH Industrial France S.A.S.
2018216591	Lemonex Inc.	2018405686	Komatsu Ltd.
2018225390	ISR Immune System Regulation Holding AB (publ)	2018406678	Rifeng Enterprise (Foshan) Co., Ltd.; Rifeng Enterprise Group Co., Ltd.; Rifeng Technology Co., Ltd.
2018226337	ISR Immune System Regulation Holding AB (publ)	2018411418	Osteoneurogen Inc.
2018226420	Adobe Inc.	2018414541	ConMed Corporation
2018228501	St. Jude Children's Research Hospital	2018421600	Easy Yogurt Co., Ltd.
2018231193	NantKwest, Inc.		
2018238260	Bioprojet		
2018240551	Milwaukee Electric Tool Corporation		

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2018428500	China University of Mining and Technology; Xuzhou Boan Science & Technology Development Co., Ltd	2019360328	Alfa Laval Corporate AB
2019200618	Novozymes, Inc.	2019363720	Somfy Activites SA
2019202345	Gilead Pharmasset LLC	2019364237	Carlisle Construction Materials, LLC
2019202516	Illinois Tool Works Inc.	2019370149	Zebra Technologies Corporation
2019202640	Breville Pty Limited	2019391779	Southwest Research Institute
2019204051	Shire Human Genetic Therapies, Inc.	2019427991	Toshiba Mitsubishi-Electric Industrial Systems Corporation
2019204056	Shire Human Genetic Therapies, Inc.	2019431634	Husqvarna AB
2019204098	Celgene Corporation	2019432070	Teh Yor Co., Ltd.
2019204115	Cognisens Inc.	2020200181	Alkahest, Inc.
2019204236	MacroGenics, Inc.	2020200257	Venator Materials UK Limited
2019204608	Ateliers Busch SA	2020200268	The NOCO Company
2019204812	4D Pharma PLC	2020200520	Itron Networked Solutions, Inc.
2019204924	Victor Equipment Company	2020200522	LG Electronics Inc.
2019209099	Saint-Gobain Glass France	2020200543	LG Electronics Inc.
2019210490	Qualcomm Incorporated	2020200602	ADTRAN GmbH
2019213291	Mahfouz, M.	2020200736	LG Electronics Inc.
2019213434	ServiceNow, Inc.	2020200864	Apple Inc.
2019214801	Agfa NV	2020200956	FISHER & PAYKEL HEALTHCARE LIMITED
2019216668	The General Hospital Corporation	2020201112	Novartis AG
2019219744	BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.	2020201142	Lyteloo Technologies, LLC
2019219805	Implantica Patent Ltd	2020201431	Crystalgenomics, Inc.
2019222811	Nicoventures Trading Limited	2020201496	Zimmer Biomet CMF and Thoracic, LLC
2019222857	Novozymes, Inc.	2020201523	FISHER & PAYKEL HEALTHCARE LIMITED
2019222949	Takeda Pharmaceutical Company Limited	2020201718	Fisher & Paykel Healthcare Limited
2019223675	Unilever PLC	2020201823	Nocimed, Inc.; The Regents of the University of California
2019226135	Adobe Inc.	2020201963	J-LOK CO.
2019228868	Komatsu Ltd.; Hensley Industries, Inc.	2020202048	Paper Software LLC
2019229410	Zhejiang Yajia Cotton Picker Parts Co., Ltd.	2020202276	FlexSteel Pipeline Technologies, Inc.
2019232783	Cornell University	2020202443	Applied Medical Resources Corporation
2019232893	Pangang Group Panzhuhua Iron & Steel Research Institute Co., Ltd.	2020202547	Siemens Mobility GmbH
2019233029	Nippon Telegraph and Telephone Corporation	2020202998	LG Electronics Inc.
2019240601	Novomatic AG	2020203248	Janome Sewing Machine Co., Ltd.
2019240707	Accelaron Pharma Inc.	2020203250	Janome Sewing Machine Co., Ltd.
2019244700	3M Innovative Properties Company	2020203454	HPS Tech Pty Ltd
2019246099	Komatsu Ltd.	2020203487	SharkNinja Operating LLC
2019246806	Lynch, J.; Ross, G.A.	2020203563	Alphatec Spine, Inc.
2019248523	Chevron U.S.A. Inc.	2020203646	Carnival Corporation
2019250162	Pictometry International Corp.	2020203672	NeuSpera Medical Inc.
2019253866	Immersive Robotics Pty Ltd	2020203714	NuCana plc
2019256936	Nippon Telegraph and Telephone Corporation	2020204283	TNA Australia Pty Limited
2019257377	Vishay Transducers, Ltd.	2020204550	Magic Leap, Inc.
2019259262	Nippon Telegraph and Telephone Corporation	2020205235	Optos PLC
2019260339	Smart Installations AS	2020210140	Covidien LP
2019261764	Nicoventures Trading Limited	2020210231	Janssen Pharmaceutica NV
2019264621	General Electric Company	2020220159	Samsung Electronics Co., Ltd.
2019265393	Boston Scientific Neuromodulation Corporation	2020223628	Fisher & Paykel Healthcare Limited
2019265971	Deep Casing Tools, Ltd.	2020227842	STONEWALL PLATINUM PTY LTD
2019275562	Skydrop, LLC	2020230222	Heraeus Medical GmbH
2019275598	MasterCard International Incorporated	2020230293	Chugai Seiyaku Kabushiki Kaisha
2019275611	KIM, H.	2020233747	JENOPTIK Traffic Solutions UK Ltd
2019279910	Sage Therapeutics, Inc.	2020244599	4D Pharma Research Limited
2019280070	Infuze, LLC	2020250242	Infinite Arthroscopy Inc. Limited
2019280075	Optos PLC	2020286169	Shenzhen Yiji Manufacturing Co., Ltd.
2019283774	Google LLC	2020286173	Shenzhen Yiji Manufacturing Co., Ltd.
2019283776	Apple Inc.	2020286342	SPEQS Limited
2019283830	TARIS Biomedical LLC	2020309093	Apple Inc.
2019283999	CHDI Foundation, Inc.	2020333534	BAEHR-JONES, T.W.
2019284006	Qualcomm Incorporated	2021200524	Nanjing Tech University
2019284061	ServiceNow, Inc.	2021201176	Phil and Teds Design Limited
2019294883	Yamabiko Corporation	2021201838	FISHER & PAYKEL HEALTHCARE LIMITED
2019301947	Novartis AG	2021201840	FISHER & PAYKEL HEALTHCARE LIMITED
2019303427	Hanwha Corporation	2021201841	FISHER & PAYKEL HEALTHCARE LIMITED
2019310194	Arc Medical Devices Inc.	2021201842	FISHER & PAYKEL HEALTHCARE LIMITED
2019314583	Qingdao Haier Co., Ltd.	2021201843	FISHER & PAYKEL HEALTHCARE LIMITED
2019340817	Rittec Umwelttechnik GmbH	2021202624	Coggan, B.
2019342668	Express Products, Inc.	2021203210	Apple Inc.
2019350925	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.		
2019353533	VitalTrace Pty Ltd		

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2016366970	2017213900 2017230471	2019280070		2017208955	2015320678 2015339306 2016255255 2016281622 2017268144 2018287519 2020201112	
<u>A01D 41 /-</u>	<u>A22B 3 /-</u>	<u>A47C 27 /-</u>	<u>A61B 3 /-</u>	<u>A61K 103 /-</u>		
2018203052	2016270733 2018318108	2016331027	2017257258 2019280075 2020286342	2016268064		
<u>A01D 75 /-</u>	<u>A22C 21 /-</u>	<u>A47C 31 /-</u>	<u>A61B 34 /-</u>	<u>A61K 31 /-</u>		
2016366970	2016270733	2016331027	2016378103 2020210140	2015284197 2015368293 2016281620 2016290197 2016342263 2016356753 2017226004 2017232610 2017232868 2017241767 2017241837 2017250076 2017289038 2017290060 2017291794 2017302079 2017323870 2017325870 2017362460 2017371443 2017371674 2018225390 2018226337 2018238260 2018376904 2018411418 2019202345 2019279910 2019301947 2019310194 2020201431 2020210231 2020230293	2015284197 2015368293 2016281620 2016290197 2016342263 2016356753 2017226004 2017232610 2017232868 2017241767 2017241837 2017250076 2017289038 2017290060 2017291794 2017302079 2017323870 2017325870 2017362460 2017371443 2017371674 2018225390 2018226337 2018238260 2018376904 2018411418 2019202345 2019279910 2019301947 2019310194 2020201431 2020210231 2020230293	2015284197 2015368293 2016281620 2016290197 2016342263 2016356753 2017226004 2017232610 2017232868 2017241767 2017241837 2017250076 2017289038 2017290060 2017291794 2017302079 2017323870 2017325870 2017362460 2017371443 2017371674 2018225390 2018226337 2018238260 2018376904 2018411418 2019202345 2019279910 2019301947 2019310194 2020201431 2020210231 2020230293
<u>A01G 17 /-</u>	<u>A23C 9 /-</u>	<u>A47C 7 /-</u>	<u>A61B 5 /-</u>	<u>A61K 45 /-</u>		
2018398955	2018421600 2020203454	2016331027	2017269667 2019204115 2019213291 2019353533 2020201823 2020203563 2020203672 2020205235	2015320678 2016290197		
<u>A01G 25 /-</u>	<u>A23J 1 /-</u>	<u>A47D 13 /-</u>	<u>A61B 6 /-</u>	<u>A61K 47 /-</u>		
2019275562 2019431634	2020203454	2021201176	2017286592	2015368293 2016299336 2016342263 2017295037 2018326846 2020230293		
<u>A01G 3 /-</u>	<u>A23J 7 /-</u>	<u>A47D 15 /-</u>	<u>A61F 11 /-</u>	<u>A61K 48 /-</u>		
2018398955	2017326435	2021201176	2019244700	2015229464 2015368293 2016325384		
<u>A01H 1 /-</u>	<u>A23K 10 /-</u>	<u>A47J 31 /-</u>	<u>A61F 13 /-</u>	<u>A61K 49 /-</u>		
2015370904	2017223490	2018249357	2017428325 2017443609	2016268064		
<u>A01H 4 /-</u>	<u>A23K 20 /-</u>	<u>A47K 10 /-</u>	<u>A61F 2 /-</u>	<u>A61K 51 /-</u>		
2015228940	2016356753 2017223490	2016298193 2018340856 2019202640 2020203487	2016379439 2017218794 2017307544 2018244074 2019219805	2016268064		
<u>A01H 5 /-</u>	<u>A23K 50 /-</u>	<u>A47K 5 /-</u>	<u>A61F 7 /-</u>	<u>A61K 6 /-</u>		
2015370904 2017269292	2016356753	2016362792	2019219805	2016346439 2017333603		
<u>A01K 1 /-</u>	<u>A23L 3 /-</u>	<u>A47L 5 /-</u>	<u>A61G 13 /-</u>	<u>A61K 8 /-</u>		
2018346894	2017375050	2017406105	2017286592	2018326846 2018363128		
<u>A01K 45 /-</u>	<u>A23L 33 /-</u>	<u>A47L 9 /-</u>	<u>A61G 5 /-</u>	<u>A61K 9 /-</u>		
2017209799	2018411418	2020202998	2017213739 2017339905	2016290197 2016341492 2018216591 2019204812 2019283830 2020230293		
<u>A01K 5 /-</u>	<u>A23L 7 /-</u>	<u>A47L 9 /-</u>	<u>A61G 7 /-</u>	<u>A61K 33 /-</u>		
2018346894	2017271849	2020202998	2019219805	2017268144		
<u>A01N 1 /-</u>	<u>A24B 15 /-</u>	<u>A61B 1 /-</u>	<u>A61G 13 /-</u>	<u>A61K 35 /-</u>		
2017375050	2016381372	2020250242	2017286592	2016246655 2016325384 2017268144 2018231193 2019204812 2020200181 2020244599		
<u>A01N 25 /-</u>	<u>A24C 5 /-</u>	<u>A61B 17 /-</u>	<u>A61G 5 /-</u>	<u>A61K 38 /-</u>		
2017230471	2018335829	2015346141 2016378103 2017204937 2017219961 2018244074 2018414541 2019213291 2019219805 2020201496 2020203563 2020230222	2016331027	2016341492 2016354478 2017218794 2017375050 2018228501 2019204051 2019204056 2019232783 2019240707 2020200181		
<u>A01N 43 /-</u>	<u>A24D 1 /-</u>	<u>A61B 18 /-</u>	<u>A61H 9 /-</u>	<u>A61L 17 /-</u>		
2017213900 2017230471	2016381372	2016379439	2017286592	2017204937		
<u>A01N 57 /-</u>	<u>A24F 47 /-</u>			<u>A61L 27 /-</u>		
2019283999	2016381372 2018347775 2018356942 2018387422 2019222811 2019261764			2017332755		
<u>A01N 59 /-</u>				<u>A61M 1 /-</u>		
2018363128				2016342263		
				<u>A61M 11 /-</u>		

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2016329081	<u>A61P 17 /-</u>	2017362460		<u>B25J 5 /-</u>	
2016344194		2017371443	<u>B01F 5 /-</u>		<u>B44C 5 /-</u>
2018347775	2017323870	2018225390		2018263399	2019214801
<u>A61M 15 /-</u>	<u>A61P 19 /-</u>	2018226337	2019280070	<u>B27B 9 /-</u>	
		2018228501			<u>B60C 15 /-</u>
2016344194	2017362460	<u>A61P 41 /-</u>		2021202624	2017411632
2018347775	2020244599		2016228933	<u>B29C 44 /-</u>	<u>B60C 19 /-</u>
2019216668	<u>A61P 25 /-</u>	2019310194	2017299447		2018383264
<u>A61M 16 /-</u>		<u>A61P 43 /-</u>	<u>B01L 9 /-</u>	2019364237	
	2016356753			<u>B29C 61 /-</u>	<u>B60C 23 /-</u>
2016290725	2017323870	2017302079	2017247447		2018256930
2019216668	2017325870	2020230293	<u>B04C 9 /-</u>	2018300716	2018383264
2020200956	2017371443	<u>A61P 5 /-</u>		<u>B29C 65 /-</u>	
2020201523	2017371674		2018301839		<u>B60C 9 /-</u>
2020201718	2019279910	2016341492	<u>B05B 11 /-</u>	2018300716	2017411632
2020223628	2020201112	2017362460		<u>B30B 12 /-</u>	
2021201838	2020201431	<u>A61P 9 /-</u>	2017406105		<u>B60C 99 /-</u>
2021201840	2020210231		<u>B05B 12 /-</u>	2019260339	
2021201841	2020230293	2017371443		<u>B31B 50 /-</u>	2018383264
2021201842	2020244599	<u>A61P 27 /-</u>	2017417081		<u>B60G 11 /-</u>
2021201843			<u>B05B 15 /-</u>	2020204283	
<u>A61M 25 /-</u>	2016290197	<u>A61Q 11 /-</u>		<u>B31D 5 /-</u>	2018256930
			2017333603		
2019283830	<u>A61P 29 /-</u>	<u>A61Q 15 /-</u>		2017417081	<u>B60G 17 /-</u>
<u>A61M 27 /-</u>			2018363128	<u>B05B 9 /-</u>	
	2017241767	<u>A61Q 17 /-</u>		2017417081	2017285703
2017204388	2017302079		<u>A61Q 19 /-</u>	<u>B32B 23 /-</u>	2018256930
2019283830	2017371443	<u>A61Q 17 /-</u>			
	2020210231		<u>B07B 1 /-</u>	2018354022	<u>B60P 1 /-</u>
<u>A61M 31 /-</u>	2020244599	2018363128		<u>B32B 25 /-</u>	2020202276
		<u>A61Q 19 /-</u>	2016234892		
2019283830	<u>A61P 3 /-</u>		<u>B07C 5 /-</u>	2018354022	<u>B60P 3 /-</u>
<u>A61M 37 /-</u>		2018326846		<u>B32B 27 /-</u>	
	2016341492		2017256043		2016366970
2020230222	2017323870	<u>B01D 15 /-</u>	<u>B23D 15 /-</u>	2017215107	2020202276
	2017371443			2018354022	<u>B60Q 1 /-</u>
<u>A61M 39 /-</u>	<u>A61P 31 /-</u>	2020203454	<u>B23D 21 /-</u>		2016389907
		<u>B01D 25 /-</u>		<u>B32B 3 /-</u>	
2017204388	2017290060		2018375044		<u>B60R 21 /-</u>
2017208955	2017323870	<u>B01D 29 /-</u>		<u>B32B 5 /-</u>	2016231596
<u>A61M 5 /-</u>	2018225390		<u>B23K 9 /-</u>		
	2018226337	2017428889		2018249357	<u>B60R 5 /-</u>
2016342263	<u>A61P 35 /-</u>	<u>B01D 29 /-</u>	2018375044	2018354022	2016231596
2016383025			<u>B23Q 3 /-</u>		
2017214489	2015339306	2018301839		<u>B32B 7 /-</u>	<u>B60R 9 /-</u>
2018295533	2016255255	<u>B01D 53 /-</u>	2019204924		2016366970
<u>A61N 1 /-</u>	2016268064		2019294883	2018354022	
	2016281620	2018322436	<u>B23Q 9 /-</u>		<u>B60S 13 /-</u>
2018331521	2016281622	2019216668		2018354022	
2019219805	2016299336	<u>B01D 61 /-</u>	2021202624		2016366970
2019265393	2016341492		<u>B23Q 9 /-</u>	<u>B41J 2 /-</u>	<u>B60S 5 /-</u>
2020203672	2017226004	2020203454			
<u>A61N 5 /-</u>	2017232610	<u>B01D 65 /-</u>	2021202624	2017310604	2018263399
	2017250076		<u>B25B 27 /-</u>	2017426451	
2016379439	2017302079	2020203454		<u>B41M 3 /-</u>	<u>B60S 5 /-</u>
<u>A61P 1 /-</u>	2017323870	<u>B01D 71 /-</u>	2019260339		
	2017362460		<u>B25J 11 /-</u>	2019214801	2018383264
2016299336	2017371443	2020203454		<u>B41M 5 /-</u>	<u>B61D 15 /-</u>
2018376904	2018225390	<u>B01F 15 /-</u>	2018263399		2016385836
2018411418	2018226337		<u>B25J 15 /-</u>	2017310604	2017285703
2020244599	2019301947	2019280070		2019214801	
<u>A61P 11 /-</u>	2020201431	<u>B01F 3 /-</u>	2018263399	<u>B41M 7 /-</u>	<u>B61F 5 /-</u>
	2020230293				2017285703
2020244599	2020244599	2019280070		2019214801	
	<u>A61P 37 /-</u>	2019280070			
	2017232610	2019280070			

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<u>B61L 23 /-</u>	<u>B65G 17 /-</u>	<u>C07C 53 /-</u>	2017371443 2017371674 2020201431	<u>C07H 19 /-</u>	2017215107 2017262682
2017285703	2020204283	2017300600		2020203714	<u>C08L 23 /-</u>
<u>B62D 1 /-</u>	<u>B66B 3 /-</u>	<u>C07C 69 /-</u>		<u>C07H 5 /-</u>	2017215285
2016256719	2015412518	2017323870	2017226004 2017362460 2018351881 2018411418	2017244114	<u>C08L 27 /-</u>
<u>B62D 35 /-</u>	<u>B67D 1 /-</u>	<u>C07D 207 /-</u>		<u>C07J 5 /-</u>	2017215285
2016373569	2018340856	2017362460	<u>C07D 409 /-</u>	2019279910	<u>C08L 33 /-</u>
<u>B62D 63 /-</u>	<u>B82Y 15 /-</u>	<u>C07D 213 /-</u>	2017362460	<u>C07J 7 /-</u>	2017215285
2020202276	2016268064	2017371674 2019391779	<u>C07D 411 /-</u>	2019279910	<u>C08L 67 /-</u>
<u>B63B 21 /-</u>	<u>C01B 33 /-</u>	<u>C07D 215 /-</u>	2017362460	<u>C07K 1 /-</u>	2019340817
2018368628	2018216591	2017311047	<u>C07D 413 /-</u>	2017223267	<u>C08L 71 /-</u>
<u>B63B 35 /-</u>	<u>C02F 103 /-</u>	<u>C07D 217 /-</u>	2017226004 2017302079 2017311047 2017362460 2017371674 2018351881	<u>C07K 14 /-</u>	2017332755
2018368628	2016255004	2017325870		2015370904 2016325384 2016354478 2017223267 2017268144 2017295037 2017375050 2018231193 2018282381 2019222949 2019240707 2020203454	<u>C08L 77 /-</u>
<u>B65B 11 /-</u>	<u>C02F 11 /-</u>	<u>C07D 237 /-</u>			2017215107
2019229410	2018301839	2017371674	<u>C07D 417 /-</u>		<u>C09C 1 /-</u>
<u>B65B 25 /-</u>	<u>C03B 27 /-</u>	<u>C07D 239 /-</u>	2017232610 2018351881		2020200257
2017256043	2018328874	2017371674	<u>C07D 451 /-</u>		<u>C09D 11 /-</u>
<u>B65B 27 /-</u>	<u>C07C 1 /-</u>	<u>C07D 241 /-</u>	2017311047		2017310604
2019229410	2018322436	2017311047	<u>C07D 471 /-</u>	<u>C07K 16 /-</u>	<u>C09D 163 /-</u>
<u>B65B 35 /-</u>	<u>C07C 15 /-</u>	<u>C07D 261 /-</u>	2017291794 2017311047 2017362460 2020210231	2015320678 2015336029 2015339306 2015366284 2016211783 2016281622 2018287519 2019204236 2020201112	2021200524
2017256043	2017289038	2017371674	<u>C07D 473 /-</u>		<u>C09D 175 /-</u>
<u>B65B 5 /-</u>	<u>C07C 227 /-</u>	<u>C07D 265 /-</u>	2017241837		2021200524
2020204283	2017223267	2017262682	<u>C07D 487 /-</u>	<u>C08B 15 /-</u>	<u>C09D 5 /-</u>
<u>B65B 57 /-</u>	<u>C07C 229 /-</u>	<u>C07D 277 /-</u>	2017250076 2017311047 2017325870	2018326846	2020200257
2017256043	2017223267	2017371674	<u>C07D 493 /-</u>	<u>C08B 37 /-</u>	<u>C09K 8 /-</u>
<u>B65D 1 /-</u>	<u>C07C 275 /-</u>	<u>C07D 285 /-</u>	2017371674	2018326846	2018306550
2018388873	2017241767	2017371674	<u>C07D 311 /-</u>	<u>C08G 18 /-</u>	<u>C10L 3 /-</u>
<u>B65D 23 /-</u>	<u>C07C 309 /-</u>	<u>C07D 311 /-</u>	2017323870	2018326846 2019310194	2018322436
2018388873	2016356753	2017323870	<u>C07D 401 /-</u>		<u>C11D 1 /-</u>
<u>B65D 47 /-</u>	<u>C07C 321 /-</u>	2015284197 2017226004 2017232610 2017232868 2017295720 2017311047 2017325870 2017362460 2018238260 2019301947	<u>C07D 401 /-</u>	<u>C08G 18 /-</u>	2017408169
2019280070	2017223267		<u>C07F 5 /-</u>	2021200524	<u>C11D 11 /-</u>
<u>B65D 65 /-</u>	<u>C07C 39 /-</u>		2016281620 2017290060		2019223675
2019223675	2017323870		<u>C07F 9 /-</u>	<u>C08G 73 /-</u>	<u>C11D 17 /-</u>
<u>B65D 75 /-</u>	<u>C07C 43 /-</u>		2018351881	2017262682	2019223675
2016341420	2017323870		<u>C07H 13 /-</u>	<u>C08J 11 /-</u>	<u>C11D 3 /-</u>
<u>B65D 77 /-</u>	<u>C07C 50 /-</u>		2017244114	2019340817	2019223675
2016341420	2017323870	<u>C07D 403 /-</u>	<u>C07H 17 /-</u>	<u>C08J 3 /-</u>	<u>C11D 7 /-</u>
<u>B65D 88 /-</u>	<u>C07C 51 /-</u>	2017226004 2017362460	2018225390 2018226337	2017215285	2019223675
2018297028	2017300600			<u>C08J 5 /-</u>	

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<u>C12M 1 /-</u>			2016204754	2019350925	
2017247447	<u>C12R 1 /-</u>	<u>D06M 11 /-</u>	<u>E06B 1 /-</u>	<u>F04B 53 /-</u>	<u>F21V 21 /-</u>
2017254620	2015277857	2015389798	2019342668	2016277738	2016389907
<u>C12N 1 /-</u>	<u>C21D 9 /-</u>	<u>D06N 7 /-</u>	<u>E06B 3 /-</u>	<u>F04C 18 /-</u>	<u>F23C 13 /-</u>
2015249274	2019232893	2018249357	2019209099	2018306966	2016226061
2015277857	<u>C22B 11 /-</u>	<u>D21H 17 /-</u>	<u>E06B 9 /-</u>	2019204608	<u>F23G 7 /-</u>
2017218794	2016228933	2017259858	2019363720	<u>F04C 23 /-</u>	2016226061
2019200618	<u>C22B 3 /-</u>	<u>D21H 21 /-</u>	2019432070	2018306966	<u>F23R 3 /-</u>
2019222857	2015275231	2017259858	<u>E21B 17 /-</u>	<u>F04C 25 /-</u>	2019264621
2020244599	<u>C22B 59 /-</u>	<u>E01C 23 /-</u>	2016372033	2019204608	<u>F24C 15 /-</u>
<u>C12N 15 /-</u>	2015275231	2019246806	2016422165	<u>F04C 28 /-</u>	2016287019
2015229464	<u>C40B 30 /-</u>	<u>E02D 5 /-</u>	<u>E21B 19 /-</u>	2019204608	2016296049
2015248807	2018286625	2016238847	2019260339	<u>F04C 29 /-</u>	<u>F24D 17 /-</u>
2015277857	<u>D01F 8 /-</u>	<u>E02F 3 /-</u>	<u>E21B 29 /-</u>	2018306966	2018340856
2015366380	2017218794	2018301839	2018375044	<u>F04D 29 /-</u>	<u>F24F 1 /-</u>
2015368293	<u>D05B 1 /-</u>	2018405686	2019265971	2017427464	2018272238
2015370904	2020203250	2019246099	<u>E21B 31 /-</u>	<u>F15B 15 /-</u>	<u>F24F 13 /-</u>
2016246655	<u>D05B 27 /-</u>	<u>E02F 9 /-</u>	2019265971	2016318342	2018272238
2016325384	2020203248	2016281454	<u>E21B 33 /-</u>	<u>F16B 33 /-</u>	<u>F24F 5 /-</u>
2017269292	<u>D05B 69 /-</u>	2018345469	2016395858	2017202707	2015387096
2017295720	2020203248	2018405686	2018299733	<u>F16B 37 /-</u>	<u>F24S 10 /-</u>
2017375050	2020203250	2019228868	2018306550	2017202707	2017200572
2018267631	<u>D06F 21 /-</u>	<u>E03C 1 /-</u>	2018354135	2017202707	<u>F24S 25 /-</u>
2019222857	2020200522	2018340856	<u>E21B 34 /-</u>	<u>F16B 7 /-</u>	2017200572
<u>C12N 5 /-</u>	<u>D06F 23 /-</u>	<u>E04B 2 /-</u>	2016422165	2016389907	<u>F24S 80 /-</u>
2015277857	2020200522	2020227842	2018299733	<u>F16F 15 /-</u>	2017200572
2015306692	<u>D06F 25 /-</u>	<u>E04C 2 /-</u>	<u>E21B 43 /-</u>	2017276135	<u>F24V 30 /-</u>
2016246655	2020200522	2020227842	2018428500	<u>F16J 15 /-</u>	2018282712
2016325384	<u>D06F 33 /-</u>	<u>E04C 3 /-</u>	2019265971	2016395858	<u>F25B 11 /-</u>
2017269292	2020200522	2019202516	<u>E21B 47 /-</u>	2017208691	2018325293
2018231193	<u>D06F 35 /-</u>	2016389907	2016372033	2017428889	<u>F25B 9 /-</u>
<u>C12N 9 /-</u>	2020200522	2018301839	<u>E21B 7 /-</u>	<u>F16K 15 /-</u>	2017200572
2015277857	<u>D06F 37 /-</u>	<u>E04H 12 /-</u>	<u>E21D 20 /-</u>	2016422165	<u>F25C 1 /-</u>
2015366380	2020200543	2016389907	<u>F01K 25 /-</u>	<u>F16K 7 /-</u>	2014280955
2016249780	2018257685	2016389907	2018325293	2017428889	2016261527
2017375050	<u>D06F 39 /-</u>	<u>E04H 17 /-</u>	<u>F01N 13 /-</u>	<u>F16L 23 /-</u>	<u>F25C 5 /-</u>
2019200618	2020200736	2018243390	2019360328	2017208691	2015346486
2019222857	<u>D06L 4 /-</u>	2018243390	<u>F01N 3 /-</u>	<u>F16M 11 /-</u>	<u>F25D 25 /-</u>
<u>C12P 13 /-</u>	2015389798	2018243390	2019360328	2018406678	2019314583
2016249780	2018257685	2016204754	<u>F03D 13 /-</u>	2017382340	
<u>C12P 19 /-</u>	2020200543	<u>E05D 11 /-</u>			
2019200618	2020200736	2016204754			
<u>C12P 21 /-</u>	<u>D06L 4 /-</u>	<u>E05D 5 /-</u>			
2019222857	2015389798				
<u>C12P 7 /-</u>					
2015277857					
2017254620					
<u>C12Q 1 /-</u>					
2015249846					
2015284197					
2015306692					
2016356753					
2018210944					
2018351881					
2019204098					

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F25J 1 /-	G01N 1 /-	G05B 23 /-	G06F 9 /-	2017280904	2019233029
2016246839	2016228933	2016228537	2016396782	2019250162	2019256936
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2018342117	G01N 15 /-	G05D 1 /-	G06G 7 /-	2020210140	
				2020233747	G09G 5 /-
F25J 3 /-	2015206520	2016366970	2016210609	G06T 9 /-	2018299288
2016246839	G01N 21 /-	G05D 23 /-	G06K 19 /-	2019253866	2020309093
					G10L 15 /-
F25J 5 /-	2014384759	2018421600	2017280904	G07C 9 /-	2018226420
2016246839	2016253147			2020203646	
	G01N 27 /-	G05D 3 /-	G06K 9 /-		G10L 25 /-
F41A 23 /-		2020202547	2017285703	G07D 7 /-	2019244700
2017382340	2016298407		2019280075	2016247016	
	G01N 30 /-	G06F 1 /-	2020233747		H01L 23 /-
F41G 7 /-		2016287792	G06N 20 /-	G07F 17 /-	2017444624
2016210609	2020333534			2019240601	
	G01N 33 /-	G06F 11 /-	2020233747		H01L 27 /-
F41G 9 /-		2016297439	G06N 3 /-	G08B 1 /-	2017444624
2016210609	2014384759	2017210226		2016228537	
	2015206520		2019248523		H01M 10 /-
	2015240088	G06F 12 /-			2018240551
F42B 3 /-	2015306692		G06N 7 /-	G08B 13 /-	
2015280721	2016255004	2017210226	2019248523	2017313298	
	2017272493			2020333534	H01M 8 /-
F42D 1 /-	2017299447	G06F 16 /-	G06N 99 /-		2016226061
2015280721	2018245602			G08B 23 /-	
	2018282381	2016301376	2019283774	2016228537	H01Q 1 /-
	2019204098	2018226420			2016389907
F42D 3 /-		2018395858	G06Q 10 /-	G08B 25 /-	2017260101
2015280721	G01N 35 /-	2019213434		2016228537	2020333534
2019303427		2019284061	2016257766		
	2017247447	G06F 17 /-	2019370149	G08B 29 /-	H01Q 13 /-
G01B 11 /-	G01R 21 /-				2017260101
2018383264		2018206708	G06Q 30 /-	G08B 29 /-	
	2020200520	2018247213		2016228537	H01Q 15 /-
		2018270115	2016287792	2017313298	
G01C 19 /-	G01R 31 /-	2019248523	2017280904		
2019213291		2020333534	2018306627	G08C 17 /-	2017260101
	2016298551	G06F 21 /-	G06Q 50 /-		
G01C 21 /-	G01R 33 /-			2016298551	H01Q 5 /-
2015412518		2018314932	2018306627	G08C 19 /-	2017260101
	2018299805	2019275598	G06Q 90 /-		
		2019370149		2016298551	H01Q 9 /-
G01G 19 /-	G01V 1 /-	G06F 3 /-	2016257766	G08G 1 /-	2017260101
2019257377					
	2016203374	2017210226	G06T 11 /-	2016273342	H01R 13 /-
G01G 3 /-	2016327569	2017305249		2019219744	
2019257377	2016402670	2017437992	2017202682	2020233747	2016245323
	2017241341	2018203947	2017212389		2018240551
	G01V 3 /-	2019283776	G06T 15 /-	G08G 9 /-	
G01K 13 /-		2019284061			H02G 15 /-
2018421600	2016402670	2020200864	2017212389	2016202610	
	G02B 27 /-	2021203210	G06T 17 /-	2020202547	2018300716
		G06F 30 /-		G09B 19 /-	
G01L 17 /-	2017297619		2017212389		H02J 50 /-
2018383264	2017305249	2018270115	2019226135	2019204115	
	2020204550	G06F 40 /-	2019250162		2020203672
G01M 11 /-	G02C 7 /-		G06T 19 /-	G09B 5 /-	
2016220331		2018226420			H02J 7 /-
	2016210585	2020202048	2017305249	2019204115	2020200268
G01M 17 /-	G05B 19 /-	G06F 8 /-	2018299288	G09C 1 /-	
2018383264					H02K 1 /-
	2019370149	2016396782	G06T 7 /-	2018349997	2020286169
				2018387969	2020286173
			2017202682		

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<u>H02K 16 /-</u>	2019213434 2019219744 2019275598	<u>H04W 68 /-</u>	2017288581
2020286169			
<u>H02K 21 /-</u>	<u>H04L 5 /-</u>	<u>H04W 72 /-</u>	
2020286173	2017311316 2017390809 2018266439 2019284006	2016414454 2018398735	
<u>H02K 5 /-</u>		<u>H04W 8 /-</u>	
2020286173	<u>H04L 9 /-</u>	2017288581	
<u>H02M 7 /-</u>	2018349997 2019370149	<u>H04W 80 /-</u>	
2019427991		2018265334	
<u>H02S 50 /-</u>	<u>H04M 1 /-</u>	<u>H05B 33 /-</u>	
2016298551	2018323559	2016258453	
<u>H03M 13 /-</u>	<u>H04N 13 /-</u>	<u>H05B 39 /-</u>	
2018294852 2020220159	2019204115	2016258453	
<u>H04B 1 /-</u>	<u>H04N 7 /-</u>	<u>H05B 47 /-</u>	
2018292378 2020203646	2018299288 2020250242	2016258453	
<u>H04B 10 /-</u>	<u>H04R 1 /-</u>	<u>H05B 6 /-</u>	
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<u>H04B 3 /-</u>	<u>H04R 27 /-</u>		
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<u>H04B 7 /-</u>	<u>H04R 3 /-</u>		
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<u>H04L 1 /-</u>	<u>H04R 5 /-</u>		
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<u>H04L 12 /-</u>	<u>H04S 7 /-</u>		
2019213434 2020200602	2017305249		
<u>H04L 25 /-</u>	<u>H04W 12 /-</u>		
2017308578	2018314932 2020203646		
<u>H04L 27 /-</u>	<u>H04W 16 /-</u>		
2016406274 2017308578 2019210490	2019284006		
<u>H04L 29 /-</u>	<u>H04W 28 /-</u>		
2016409079 2017280904 2018265334 2018285865 2018314932	2017247128 2018366793		
	<u>H04W 4 /-</u>		
	2017288581 2019219744 2020202547 2020203646		
	<u>H04W 48 /-</u>		
	2017288581 2018314932		

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn - Proceed to Grant

2016380914 **Mobeewave Systems ULC** (Pizeys Patent and Trade
Mark Attorneys Pty Ltd)

Patents Granted

Standard Patents

2014261434 2014273418 2014366047 2014368982
2014405583 2014407540 2015201770 2015201904
2015206684 2015209718 2015230787 2015234595
2015261715 2015264189 2015265412 2015268300
2015273532 2015276153 2015278829 2015279642
2015279712 2015287510 2015287748 2015289612
2015294245 2015301338 2015305303 2015307220
2015308527 2015308773 2015314009 2015317538
2015317622 2015318001 2015318730 2015320527
2015329795 2015330629 2015330972 2015333584
2015339744 2015344993 2015348254 2015348801
2015353376 2015353701 2015360469 2015360903
2015363883 2015365678 2015366914 2015371632
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2015408775 2016201500 2016201802 2016203543
2016204854 2016207841 2016208414 2016208803
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2016226115 2016228937 2016230793 2016230943
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Patents Granted

Standard Patents

2018269238 2018271334 2018274579 2018274973
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Innovation Patents

2016102465 2016102467 2016102470 2017101906
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Patents Granted

Innovation Patents

2021102812	2021102818	2021102825	2021102826
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2021103155	2021103158	2021103159	2021103161
2021103162	2021103163	2021103164	2021103175
2021103179	2021103183	2021103187	

Offer to Surrender

It is hereby notified that **Dawood, M. Department of Electronics and Communication Engineering Sethu Institute of Technology , Kariapatti-626115** , the Patentee of Patent 2020104143 dated 17.02.2021 for an invention titled ' A VIBRATION BASED HEARING AID DEVICE' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

2001290633 IBM International Group BV The patent has been assigned to **International Business Machines Corporation**

2006210422 Millennium Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2006346135 Teijin Limited; Teijin Dupont Films Japan Limited The patent has been assigned to **Toyobo Co., Ltd.**

2007212648 Millennium Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2007284205 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2007323794 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2007352364 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2008305767 Millennium Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2008311781 Travelport Technologies LLC The patent has been assigned to **TRAVELPORT, LP**

2008328861 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2008353332 Smith & Nephew Asia Pacific Pte. Limited; Smith & Nephew Orthopaedics AG; Smith & Nephew, Inc. The patent has been assigned to **Smith & Nephew Asia Pacific Pte. Limited**

Assignments Registered

2009200073 Cook General Bio Technology LLC The patent has been assigned to **Sexton Biotechnologies, Inc.**

2009208093 BHA Altair, LLC The patent has been assigned to **Parker-Hannifin Corporation**

2009208097 BHA Altair, LLC The patent has been assigned to **Parker-Hannifin Corporation**

2009248923 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2009312765 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2009312766 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2009312768 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2009314631 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2010202590 Eason, Charles; MacMorran, Duncan The patent has been assigned to **Animal Control Technologies (Australia) Pty Ltd**

2010253517 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2010286347 Aranooc Pty Ltd The patent has been assigned to **Landscape Tanks No. 2 Pty Ltd**

2010287027 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2011202448 Siteworx Construction Supplies The patent has been assigned to **Blitz Systems PTY LTD**

2011207304 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2011249732 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2011249733 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2011268073 Millennium Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2011315831 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2011335034 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2012201489 Forcepoint Federal LLC The patent has been assigned to **Forcepoint Federal Holdings LLC**

2012209103 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2012250517 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2012252151 Nexvet Australia Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2012252152 Nexvet Australia Pty Ltd The patent has been assigned to **Zoetis Services LLC**

Assignments Registered

2012252153 Nexvet Australia Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2012252156 Nexvet Australia Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2012306067 Nexvet Australia Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2012321106 Millennium Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2012355736 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2013203925 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013204563 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013204601 Millennium Pharmaceuticals, Inc The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013204618 Millennium Pharmaceuticals, Inc The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013205506 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013223801 Nexvet Australia Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2013240127 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2013240137 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2013251312 Millennium Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2013255961 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2013280429 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2013290532 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2013322685 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2013359393 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2014236055 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2014248479 Global Life Sciences Solutions USA LLC The patent has been assigned to **Leica Microsystems CMS GmbH**

2014257624 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2014271221 DASSAULT SYSTEMES CANADA INC. The patent has been assigned to **DASSAULT SYSTEMES AUSTRALIA PTY LTD**

2014271277 DASSAULT SYSTEMES CANADA INC. The patent has been assigned to **DASSAULT SYSTEMES AUSTRALIA PTY LTD**

Assignments Registered

2014280263 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2014280264 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2014301397 ThyssenKrupp Steel Europe AG; thyssenkrupp Industrial Solutions AG The patent has been assigned to **thyssenkrupp Industrial Solutions AG**

2014351882 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2014386509 Zhejiang Hisun Pharmaceutical Co., Ltd. The patent has been assigned to **Shenzhen Tenver Biopharm Co., Ltd**

2015205519 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2015205981 DASSAULT SYSTEMES CANADA INC. The patent has been assigned to **DASSAULT SYSTEMES AUSTRALIA PTY LTD**

2015246201 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

2015264828 DASSAULT SYSTEMES CANADA INC. The patent has been assigned to **DASSAULT SYSTEMES AUSTRALIA PTY LTD**

2015277786 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2015284135 Millennium Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2015335950 Ariad Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2015362559 GE Oil And Gas Pressure Control LP The patent has been assigned to **Vault Pressure Control LLC**

2016205003 ARIAD Pharmaceuticals, Inc. The patent has been assigned to **Takeda Pharmaceutical Company Limited**

2016302049 Hefeeda, Mohamed; Elgharib, Mohamed; Calagari, Kiana; Didyk, Piotr; Matusik, Wojciech; Kaspar, Alexandre The patent has been assigned to **Massachusetts Institute of Technology; Qatar Foundation for Education, Science and Community Development**

2019200851 DSM IP Assets B.V. The patent has been assigned to **Covestro (Netherlands) B.V.**

Licences Registered - Section 187, Reg. 19

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

2013311319 Diogenes Limited (Colossus (IOM) Limited)

2019201870 Diogenes Limited (Colossus (IOM) Limited)

Mortgages Registered - Section 187, Reg. 19

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

2016214983 VANEMA, storitve d.o.o. (SID - Slovenska Izvozna in razvojna banka, d.d., Ljubljana)

2016214983 VANEMA, storitve d.o.o. (GORENJSKA BANKA D.D., KRANJ)

Corrigenda

In Vol 35 , No 28 , Page(s) 5750 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018263287.

Corrigenda

In Vol 35 , No 28 , Page(s) 5752 under the heading **Amendments - Application for Amendments** Under the name Sanofi-Aventis, Patent No. 2007311511 correct the date of the statements filed to 01 Apr 2021, 24 May 2021 and 02 Jun 2021

Specifications Republished

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

2015262399	National Center For Geriatrics And Gerontology; Shimadzu Corporation
2016350939	(<<Pharmenterprises Biotech>> Limited Liability Company)
2017211464	Fujiyakuhin Co., Ltd.
2017220387	The University of Queensland
2018233079	F. Hoffmann-La Roche AG
2018326701	Greeneden U.S. Holdings II, LLC
2020259803	H-E Parts International Crushing Solutions Ptd Ltd
2020267143	Coupang Corp.