



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

<p>NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.</p>
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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 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 application filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The Provisional application <u>number</u>	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

<u>ITEM</u>	<u>INID 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)
<u>Inventors 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.

1. 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.

(43) 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.

(44) 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.

(4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

- 1987-2022 Volume 1 - 36
- 2023 - Volume 57 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 17 August 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Eigen Technology Pty Ltd v CTA Australia Pty Ltd [2023] APO 43

Patent: 2008202373

Title: Tactile ground surface indicator

Patentee: CTA Australia Pty Ltd

Opponent: Eigen Technology Pty Ltd

Delegate: Dr N. R. Madsen – Deputy Commissioner of Patents

Decision Date: 4 August 2023

Hearing Date: Written submissions completed on 26 April 2023

Catchwords: **PATENTS** – opposition under section 104 – tactile ground surface indicator installation – allowability under subsection 102(1) considered – whether as a result of the amendments, the specification would claim matter not in substance disclosed in the specification as filed – claim scope – further consideration regarding claim scope and fair basis in context of grounds of re-examination recommended – amendment allowable – issues do not arise as a result of the amendment – no award of costs

Representation: Patent attorney for the patentee: Davies Collison Cave Pty Ltd
Patent attorney for the opponent: Churchill Attorneys

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 1 Aug 2023 .

(71) A.C.N. 602 308 912 PTY. LTD. (21) 2023902444 (22) 02.08.2023 (54) MARINE CRAFT FOR TRANSPORTING HEAVY OR VOLUMINOUS OBJECTS TO AND FROM DEEP SUBMERGENCE	(71) Alcoa of Australia Limited (21) 2023902476 (22) 04.08.2023 (54) Generation of steam and uses thereof	(71) Beck, F. (21) 2023902431 (22) 01.08.2023 (54) Process using NFC to leave reviews for business
(71) Aarons, J.; Ralph, G. (21) 2023902501 (22) 08.08.2023 (54) Remote Eye Gaze Cursor Control Technology	(71) Alcoa of Australia Limited (21) 2023902477 (22) 04.08.2023 (54) Generation of steam and uses thereof	(71) Blakers, P. (21) 2023902492 (22) 07.08.2023 (54) Electronic Kick Drum Assembly
(71) Abood, G. (21) 2023902455 (22) 03.08.2023 (54) Slips catching training apparatus	(71) Alcoa of Australia Limited (21) 2023902478 (22) 04.08.2023 (54) Thermal Plasma Torch System and Method of generating a superheated gas	(71) bona, w. (21) 2023902445 (22) 02.08.2023 (54) OC-RMI (Odor Control Rainstopper Manhole Insert)
(71) Adama Australia Pty Limited (21) 2023902493 (22) 07.08.2023 (54) Novel Pesticide Formulations	(71) AMS Technology Group Pty Ltd (21) 2023902440 (22) 01.08.2023 (54) Bi-directional Geothermal Heat Pump	(71) Cappelli, M. (21) 2023902461 (22) 03.08.2023 (54) A joint profile forming construction joint mould
(71) AIPD Solutions Pty Ltd (21) 2023902448 (22) 02.08.2023 (54) An electronic application form processing system	(71) Anura Medical Pty Ltd (21) 2023902466 (22) 04.08.2023 (54) A system and method for measuring a blood gas	(71) Cartwright, N. (21) 2023902481 (22) 05.08.2023 (54) Capitalisation of terms for creating a legal entity including the spelling of nouns, names or other in upper case text in violations of the norms of Government Style and writing manuals to make that legal entity, while joining the given names to the family name. An example of this is Nevin John being represented as the legal entity NEVIN JOHN CARTWRIGHT sometimes implied or expressed with or without consent for the purposes of incorporating the man or woman into a contract under mercantile law or admiralty law jurisdictions to remove the laws of nature , informed consent and common law from
(71) ALADETOYINBO , O. (21) 2023902507 (22) 08.08.2023 (54) Delaying messages in an app for up to an hour before sending to the recipient; allowing for optional edit of the message during this wait time.	(71) Arup Australia Advisory & Digital Pty Ltd (21) 2023902463 (22) 03.08.2023 (54) FAÇADE INSPECTION SYSTEM AND METHOD	
(71) ALADETOYINBO , O. (21) 2023902507 (22) 08.08.2023 (54) Delaying messages in an app for up to an hour before sending to the recipient; allowing for optional edit of the message during this wait time.	(71) Austin, C. (21) 2023902462 (22) 03.08.2023 (54) System and methods for creating an alphabet lottery	
(71) Albert Donald Grant Pty. Ltd. (21) 2023902511 (22) 09.08.2023 (54) Pallet	(71) Axis Innovation Pty Ltd (21) 2023902495 (22) 07.08.2023 (54) A HEAT GENERATING COATING, A BUILDING ELEMENT AND A HEATING SYSTEM EMPLOYING THE SAME	(71) CCL Secure Pty Ltd (21) 2023902432 (22) 01.08.2023 (54) SECURITY SUBSTRATE WITH REDUCED AMOUNT OF INK
(71) Albert Donald Grant Pty. Ltd. (21) 2023902513 (22) 09.08.2023 (54) Pallet		

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial
Research Organisation

(21) 2023902454 (22) 03.08.2023
(54) Conveyor carryback detection system

(71) Davis, M.

(21) 2023902510 (22) 09.08.2023
(54) Apparatus and Method for Securing a
Post

(71) DRILL RIG SPARES PTY LTD

(21) 2023902489 (22) 07.08.2023
(54) SYSTEM AND METHOD FOR PRO-
CESSING DRILLING MUD

(71) DRYDEN HOLDINGS PTY LTD

(21) 2023902494 (22) 07.08.2023
(54) Stabilisation and Lifting Member

(71) Dunlop, R.

(21) 2023902419 (22) 31.07.2023
(54) A Reinforcing Member

(71) Fitch IP Holding Pty Ltd

(21) 2023902512 (22) 09.08.2023
(54) A Device for Identifying Faults in Cool-
ing Systems

(71) Fitt Haven

(21) 2023902515 (22) 09.08.2023
(54) Adjustable bodysuit with lower back
hook clasp

(71) Flanagan, D.

(21) 2023902464 (22) 03.08.2023
(54) Roulette X

(71) Foods That Love You Back Pty Ltd

(21) 2023902504 (22) 08.08.2023
(54) Beverage composition and manufactur-
ing method

(71) Freney, C.

(21) 2023902486 (22) 07.08.2023
(54) Litter Aerator Apparatus

(71) Fuelspec Services Assets Pty Ltd

(21) 2023902490 (22) 07.08.2023
(54) VALVE ACTUATOR

(71) Gill, G.

(21) 2023902452 (22) 03.08.2023
(54) Herbicidal Combinations and Methods
of Use

(71) Homiee Pty Ltd

(21) 2023902498 (22) 08.08.2023
(54) A system for controlling an interactive
map user interface

(71) Hoselink Pty Ltd

(21) 2023902435 (22) 01.08.2023
(54) HOSE CONNECTION ADAPTOR

(71) Hutchings, B.

(21) 2023902467 (22) 04.08.2023
(54) A signage system

(71) Hydromine Pty Ltd

(21) 2023902514 (22) 09.08.2023
(54) Pumped hydro energy system

(71) Hysential Pty Ltd

(21) 2023902451 (22) 03.08.2023
(54) Attachable IR Sensor Bracket For
Washroom Dispensers

(71) Hysential Pty Ltd

(21) 2023902465 (22) 03.08.2023
(54) A Twin Tissue Dispenser

(71) J & J BROS PTY LTD; singh, s.

(21) 2023902517 (22) 09.08.2023
(54) Adjustable Arch footwear with Air blad-
der or Gel

(71) Jabiru Services Pty Ltd

(21) 2023902499 (22) 08.08.2023
(54) Professional Digital Colour Testing For
Colour Blindness, Military Use Plus
Search And Rescue Training (Social
Distancing Friendly)

(71) JOAT Floats

(21) 2023902458 (22) 03.08.2023
(54) A GROUND ENGAGING PONTOON
FOR COMING TO REST ON LAND, A
SERVICING ARRANGEMENT, AND A
PONTOON SYSTEM

(71) Ki Strategies Pty Ltd

(21) 2023902516 (22) 09.08.2023
(54) PFAS IMPERMEABLE CONCRETE

(71) LAMA Pty Ltd

(21) 2023902482 (22) 05.08.2023
(54) Pet Rider

(71) LK Management Pty Ltd

(21) 2023902487 (22) 07.08.2023
(54) A process for the treatment of food-
stuffs

(71) LUMYN PTY LTD; Tooling & Plastic
Solutions Pty Ltd

(21) 2023902485 (22) 07.08.2023
(54) Modular Umbrella ECO Plug

(71) LUVBANDS PTY LTD

(21) 2023902474 (22) 04.08.2023
(54) RESTRAINTS

(71) Lyons, M.

(21) 2023902503 (22) 08.08.2023
(54) Solar Panel Connector Channel

(71) Macquarie University

(21) 2023902469 (22) 04.08.2023
(54) Lymphatic vessel cannula assembly

(71) Maisano, F.

(21) 2023902508 (22) 08.08.2023
(54) Natural Compound Formulation for
Rheumatoid Arthritis Relief

(71) Manson, D.

(21) 2023902459 (22) 03.08.2023
(54) Systems and methods for crop drought
sensing

(71) MANTIS DESIGN PTY. LIMITED

(21) 2023902450 (22) 02.08.2023
(54) Modular Miniature Case

(71) Maspro Engineering Trading Pty Ltd

(21) 2023902497 (22) 07.08.2023
(54) Drilling rig and components

(71) McGurgan, D.

(21) 2023902470 (22) 04.08.2023
(54) Self Closing Vent

(71) Mechtech MTT Pty Ltd

(21) 2023902437 (22) 01.08.2023
(54) Low cost personnel lifting device

(71) Mechtech MTT Pty Ltd

(21) 2023902438 (22) 01.08.2023
(54) Dual operation crank drive

(71) Morrison, T.

(21) 2023902483 (22) 06.08.2023
(54) Ratchet-Lock Donut Seal for Wa-
ter-Tight and Air-Tight Pipe Connec-
tions

Murdoch, V. see Rafter, M.

(21) 2023902484

(71) Myrio Therapeutics Pty Ltd

(21) 2023902433 (22) 01.08.2023
(54) Binding agents for IGFBPL1 pep-
tide-MHC complex (II)

Provisional Applications Filed - Name Index cont'd

(71) Natural MedTech Pty Ltd
(21) 2023902441 (22) 02.08.2023
(54) Methods for the production of tryptophan derivatives

(71) Ocellus Vault Limited
(21) 2023902472 (22) 04.08.2023
(54) METHODS AND SYSTEMS FOR ASSESSING THE PRESENCE OF TRAUMATIC BRAIN INJURY

(71) Ozwall Australia Pty Ltd
(21) 2023902430 (22) 01.08.2023
(54) A multi-use plastic formwork system

(71) Paradigm BioPharmaceuticals Ltd
(21) 2023902506 (22) 08.08.2023
(54) Treatment of Mucopolysaccharidosis

(71) Paradigm Effect Pty Ltd
(21) 2023902443 (22) 02.08.2023
(54) Organic Foot, Elbow and Cuticle Cream

(71) Paris, M.
(21) 2023902453 (22) 02.08.2023
(54) MARC'S ELECTROMAGNET

(71) Partington, J.
(21) 2023902429 (22) 01.08.2023
(54) Dimensional Data Comparison System

(71) PINTOS-LOPEZ, J.R.
(21) 2023902446 (22) 02.08.2023
(54) Rotary Angle Louvre Propulsion and Steering

(71) Plotlogic Pty Ltd
(21) 2023902457 (22) 03.08.2023
(54) A mine borehole system

(71) Pocket Support Pty Ltd
(21) 2023902471 (22) 04.08.2023
(54) System for managing provision of care services to a recipient by a plurality of care providers

(71) Rafter, M.; Murdoch, V.
(21) 2023902484 (22) 06.08.2023
(54) A method and System for secure nodes in data structures

Ralph, G. see Aarons, J.
(21) 2023902501

(71) REMLI, S.
(21) 2023902500 (22) 08.08.2023
(54) Rock Table Loader (RTL)

(71) Robonair Pty Ltd
(21) 2023902449 (22) 02.08.2023
(54) Dynamic Arms' Base: Freezing Centre of Gravity for Enhanced Drone and Arm Stability

(71) Rumford, B.
(21) 2023902456 (22) 03.08.2023
(54) A PUTTING TRAINING APPARATUS AND METHOD OF USE THEREOF

(71) Safecret Pty Ltd
(21) 2023902468 (22) 04.08.2023
(54) A location-based secure end-to-end messaging system

(71) Sarhan, A.
(21) 2023902488 (22) 07.08.2023
(54) SYSTEM AND METHOD OF MANAGING BILL PAYMENTS

(71) Scolaro, A.
(21) 2023902439 (22) 01.08.2023
(54) A Clean Energy Drive

(71) SeaStock Pty Ltd
(21) 2023902436 (22) 01.08.2023
(54) DUAL EXTRACTION METHOD

(71) Sierakowski, P.
(21) 2023902491 (22) 07.08.2023
(54) Safety Platform System for Roof Structures

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(21) 2023902517

(71) Spartan Therapeutics
(21) 2023902505 (22) 08.08.2023
(54) A TOPICAL SKIN CREAM CONFIGURATION

(71) Stile Board Pty Ltd
(21) 2023902460 (22) 03.08.2023
(54) Wet Room System

(71) Striped IP Pty Ltd
(21) 2023902442 (22) 02.08.2023
(54) Pesticide compositions and uses thereof

(71) Studco Australia Pty Ltd
(21) 2023902502 (22) 08.08.2023
(54) METHOD AND APPARATUS FOR CONNECTING AN INTERNAL WALL TO A BUILDING FAÇADE

(71) The Walter and Eliza Hall Institute of Medical Research
(21) 2023902434 (22) 01.08.2023
(54) Combination therapy and uses thereof

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(21) 2023902485

(71) WANG, S.
(21) 2023902447 (22) 02.08.2023
(54) A CHAIN CONNECTING LINK

(71) Welford, D.
(21) 2023901666 (22) 03.08.2023
(54) A synchronised app and website for education staff, graduates and undergraduates to network, share resources, and book support.

(71) Wilson, A.
(21) 2023902473 (22) 04.08.2023
(54) CAMERA MOUNT ACCESSORY KIT

(71) Workman, J.
(21) 2023902509 (22) 08.08.2023
(54) A traffic cone that is embedded into the motorway and is raised remotely when the road needs to be closed. The bollard / cone is a standard plastic material (not metal) that enables cars to hit the traffic cone on impact. The cone is raised and lowered electrically / mechanically using an actuator. Sensors in the traffic cone warn workers / motorway control rooms that the cone has been struck by a vehicle.

(71) Zydex Pty Ltd
(21) 2023902475 (22) 04.08.2023
(54) A 3D PRINTER AND A METHOD FOR RELEASING A FUSED OBJECT FROM A 3D PRINTER

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Applications listed below were processed through the Patent Office Canberra during the period ending 1 Aug 2023 .

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

<hr/> <p>(71) AbbVie Inc. (21) 2023210650 (22) 04.08.2023 (54) Carbidopa and L-dopa prodrugs and their use to treat Parkinson's disease (62) 2021201414</p> <hr/> <p>(71) Acer Incorporated (21) 2023210673 (22) 04.08.2023 (54) RESOURCE CANCELLATION METHOD AND USER EQUIPMENT (31) 63/397,395 (32) 12.08.22 (33) US 18/358,040 25.07.23 US</p> <hr/> <p>(71) Adobe Inc. (21) 2023210621 (22) 03.08.2023 (54) ITERATIVELY MODIFYING IN-PAINTED DIGITAL IMAGES BASED ON CHANGES TO PANOPTIC SEGMENTATION MAPS (31) 17/937,708 (32) 03.10.22 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2023210622 (22) 03.08.2023 (54) LEARNING PARAMETERS FOR NEURAL NETWORKS USING A SEMANTIC DISCRIMINATOR AND AN OBJECT-LEVEL DISCRIMINATOR (31) 17/937,680 (32) 03.10.22 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2023210623 (22) 03.08.2023 (54) PANOPTICALLY GUIDED INPAINTING UTILIZING A PANOPTIC INPAINTING NEURAL NETWORK (31) 17/937,695 (32) 03.10.22 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2023210624 (22) 03.08.2023 (54) GENERATING AND PROVIDING A PANOPTIC INPAINTING INTERFACE FOR GENERATING AND MODIFYING INPAINTED DIGITAL IMAGES (31) 17/937,706 (32) 03.10.22 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2023210625 (22) 03.08.2023 (54) SHADOWMAPPING OF DEPTH ESTIMATED SCENES (31) 63/378,212 (32) 03.10.22 (33) US 18/304,113 20.04.23 US</p> <hr/>	<p>(71) Adobe Inc. (21) 2023210676 (22) 05.08.2023 (54) NEURAL COMPOSITING - EMBEDDING GENERATIVE TECHNOLOGIES INTO NON-DESTRUCTIVE DOCUMENT EDITING WORKFLOWS (31) 63/379,806 (32) 17.10.22 (33) US 18/188,671 23.03.23 US</p> <hr/> <p>(71) Adobe Inc. (21) 2023210677 (22) 05.08.2023 (54) SMART IMAGE HARMONIZATION FOR TEXT MATCHING ON DESIGN DOCUMENTS (31) 63/379,813 (32) 17.10.22 (33) US 18/334,610 14.06.23 US</p> <hr/> <p>(71) Adobe Inc. (21) 2023211258 (22) 07.08.2023 (54) ADAPTIVE EDITING EXPERIENCE FOR MIXED MEDIA CONTENT (31) 63/379,811 (32) 17.10.22 (33) US 18/348,522 07.07.23 US</p> <hr/> <p>(71) ALBERT EINSTEIN COLLEGE OF MEDICINE (21) 2023210558 (22) 01.08.2023 (54) Transdermal delivery formulations (62) 2021373070</p> <hr/> <p>(71) Alfred Health; Monash University (21) 2023210628 (22) 03.08.2023 (54) Surgical system and method of use (62) 2017363823</p> <hr/> <p>(71) Amgen Inc. (21) 2023210635 (22) 03.08.2023 (54) INSERTION MECHANISM FOR DRUG DELIVERY DEVICE (62) 2018230486</p> <hr/> <p>(71) Anteris Technologies Corporation (21) 2023210649 (22) 04.08.2023 (54) REPLACEMENT HEART VALVE WITH REDUCED SUTURING (62) 2018353854</p> <hr/> <p>(71) Apple Inc. (21) 2023210652 (22) 04.08.2023 (54) Mobile device navigation system (62) 2020351072</p> <hr/>	<p>(71) Apple Inc. (21) 2023210654 (22) 04.08.2023 (54) Wellness data aggregator (62) 2021218036</p> <hr/> <p>(71) Apple Inc. (21) 2023210876 (22) 07.08.2023 (54) Displaying a scrollable list of affordances associated with physical activities (62) 2022235614</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023210637 (22) 03.08.2023 (54) SPACE-EFFICIENT GUI FOR FEATURE GAME DISPLAY (31) 17/930,610 (32) 08.09.22 (33) US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023210638 (22) 03.08.2023 (54) BARTOP GAMING DEVICE SYSTEMS AND METHODS (31) 18/341,564 (32) 26.06.23 (33) US 63/375,659 14.09.22 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023210639 (22) 03.08.2023 (54) SYSTEMS AND METHODS FOR MOBILE KIOSK REMOTE ADMINISTRATION IN ELECTRONIC GAMING (31) 17/957,136 (32) 30.09.22 (33) US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023210640 (22) 03.08.2023 (54) SYSTEMS AND METHODS FOR PROVIDING PERSISTENT OUTPUTS IN ELECTRONIC GAMING (31) 17/957,716 (32) 30.09.22 (33) US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2023210674 (22) 04.08.2023 (54) SYSTEMS AND METHODS FOR PROVIDING DYNAMIC REWARDS (62) 2021202856</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2023208199 (22) 28.07.2023 (54) A GAMING SYSTEM AND A METHOD OF MONITORING A GAMING DEVICE (62) 2021203065</p> <hr/>
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(71) Aristocrat Technologies Australia Pty Limited
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 (62) 2021204367

(71) Aristocrat Technologies Australia Pty Limited
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(71) Aristocrat Technologies Australia Pty Limited
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 (21) 2023210571 (22) 01.08.2023
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 (62) 2021202767

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 (54) CNP PRODRUGS WITH CARRIER ATTACHMENT AT THE RING MOIETY
 (62) 2021277638

(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH
 (21) 2023208203 (22) 28.07.2023
 (54) ANTIBODIES USEFUL IN CANCER DIAGNOSIS
 (62) 2018327587

(71) AstraZeneca AB
 (21) 2023210548 (22) 31.07.2023
 (54) METHODS OF TREATING HEART FAILURE WITH REDUCED EJECTION FRACTION WITH DAPAGLIFLOZIN
 (62) 2021215150

(71) AstraZeneca AB
 (21) 2023210636 (22) 03.08.2023
 (54) PHARMACEUTICAL PROCESS AND INTERMEDIATES
 (62) 2019400738

(71) Azuma Design Pty Limited
 (21) 2023210663 (22) 04.08.2023
 (54) A sash mounting plate for a chain winder
 (62) 2017204313

(71) BBI Medical Innovations, LLC
 (21) 2023210616 (22) 03.08.2023
 (54) Measurement of susceptibility to diabetic foot ulcers
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(71) Becton Dickinson Infusion Therapy Systems Inc.
 (21) 2023208212 (22) 28.07.2023
 (54) Sequences for detection and identification of methicillin-resistant Staphylococcus aureus (MRSA) of MREJ types xi to xx
 (62) 2021200092

(71) Beijing Guanghe New Energy Technology Co., Ltd.
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 (54) Catalyst compositions and methods for producing long-chain hydrocarbon molecules
 (62) 2018454447

(71) Beijing Tusen Zhitu Technology Co., Ltd.
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(71) Beijing Tusen Zhitu Technology Co., Ltd.
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 (31) 202222115215.0 (32) 11.08.22 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (21) 2023211707 (22) 07.08.2023
 (54) Server
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(71) Ben Brogan Pty Ltd
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 (54) SYSTEM AND METHOD OF PERMITTING CASHLESS AND CONTACTLESS FUNDS TRANSFER
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(71) BETAPACK, S.A.U.
 (21) 2023210655 (22) 04.08.2023
 (54) CLOSING CAP FOR POURING HOLES FOR CONTAINERS HOLDING LIQUIDS
 (31) U202231389 (32) 23.08.22 (33) ES

(71) Binary Beer Pty Ltd
 (21) 2023208207 (22) 28.07.2023
 (54) Non-invasive attachable smart device housings and smart device methods and systems for beverage containers
 (62) 2022200719

(71) Biofire Defense, LLC.; Biofire Diagnostics, LLC.
 (21) 2023210526 (22) 31.07.2023
 (54) Self-Container Nucleic Acid Processing
 (62) 2017302615

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(71) Bio HesoTechnology Co., Ltd.
 (21) 2023210675 (22) 05.08.2023
 (54) METHOD FOR MANUFACTURING HIGHLY DEGRADABLE PLASTIC GRAINS AND PRODUCT THEREOF

(71) Bird, D.; Suntup, G.
 (21) 2023210575 (22) 02.08.2023
 (54) Wintersport handle attachment with wireless communication and a real-time feedback system.

(71) Block, Inc.
 (21) 2023210585 (22) 02.08.2023
 (54) Stored balance with multi-channel withdrawal access
 (62) 2019346848

(71) Canva Pty Ltd
 (21) 2023210529 (22) 31.07.2023
 (54) Systems and methods for processing designs

(71) Canva Pty Ltd
 (21) 2023210530 (22) 31.07.2023
 (54) Systems and methods for processing designs

(71) Canva Pty Ltd
 (21) 2023210531 (22) 31.07.2023
 (54) Systems and methods for processing designs

(71) Canva Pty Ltd
 (21) 2023210532 (22) 31.07.2023
 (54) Systems and methods for processing designs

(71) Canva Pty Ltd
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 (54) Systems and methods for processing designs

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(71) Canva Pty Ltd
(21) 2023210534 (22) 31.07.2023
(54) Systems and methods for processing designs

(71) Canva Pty Ltd
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(54) Systems and methods for processing designs

(71) Canva Pty Ltd
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(54) Systems and methods for processing designs

(71) Canva Pty Ltd
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(54) Systems and methods for processing designs

(71) Canva Pty Ltd
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(54) Systems and methods for processing designs

(71) Canva Pty Ltd
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(54) Systems and methods for processing designs

(71) Canva Pty Ltd
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(54) Systems and methods for processing designs

(71) Capulet Enterprises Pty Ltd
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(54) AGRICULTURAL SEEDING MACHINE
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(71) Cardow, R.
(21) 2023210579 (22) 02.08.2023
(54) Hydro Pressure Temperature Unit

(71) CDM Smith Inc.
(21) 2023210631 (22) 03.08.2023
(54) DRONE-BASED VEGETATION ASSESSMENT
(31) 17/817,278 (32) 03.08.22 (33) US

(71) Cellphire, Inc.
(21) 2023210528 (22) 31.07.2023
(54) Materials and methods for producing blood products
(62) 2020267368

(71) Chase, W.
(21) 2023210564 (22) 01.08.2023
(54) Bleeding control device
(31) 18/170,112 (32) 16.02.23 (33) US

(71) China Construction Science and Industry Corporation Ltd.
(21) 2023210601 (22) 02.08.2023
(54) Cable-Supported Large-Span Structure And Construction Method Therefor
(62) 2020348407

(71) CleanSubSea Operations Pty Ltd
(21) 2023210553 (22) 31.07.2023
(54) A Vessel hull Cleaning System
(62) 2017285711

(71) Colgate-Palmolive Company
(21) 2023210632 (22) 03.08.2023
(54) Toothbrush, system, and method for detecting blood in an oral cavity during toothbrushing
(62) 2019460184

(71) ConMed Corporation
(21) 2023210664 (22) 04.08.2023
(54) Knotless suture anchor construct
(62) 2021257944

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(21) 2023210634

(71) Curiouser Products Inc.
(21) 2023210525 (22) 31.07.2023
(54) A REFLECTIVE VIDEO DISPLAY APPARATUS FOR INTERACTIVE TRAINING AND DEMONSTRATION AND METHODS OF USING SAME
(62) 2021212007

(71) Daon Technology
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(54) METHODS AND SYSTEMS FOR DETERMINING THE AUTHENTICITY OF AN IDENTITY DOCUMENT
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(71) Dart Industries Inc.
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(54) TUMBLER WITH VENT SHIELD
(31) 17/897,137 (32) 27.08.22 (33) US

(71) DCC TECHNOLOGY CO., LTD.
(21) 2023210560 (22) 01.08.2023
(54) SAUNA HEATER

(71) de Cavis AG; Construction Research & Technology GmbH
(21) 2023210634 (22) 03.08.2023
(54) Inorganic foam based on calcium sulfoaluminate
(62) 2018232506

(71) Deere & Company
(21) 2023210658 (22) 04.08.2023
(54) Speed control for harvester
(31) 63/407000 (32) 15.09.22 (33) US
18/333925 13.06.23 US

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(21) 2023210523

(71) Disruption Labs Inc.
(21) 2023210660 (22) 04.08.2023
(54) COMPOSITIONS FOR THE DELIVERY OF THERAPEUTIC AGENTS AND METHODS OF USE AND MAKING THEREOF
(62) 2021203013

(71) Dobney, D.
(21) 2023208205 (22) 28.07.2023
(54) RADIATION DEVICE, SYSTEM, AND METHOD
(31) 63/393,915 (32) 31.07.22 (33) US

(71) Dobney, D.
(21) 2023208206 (22) 28.07.2023
(54) ELECTROCHEMICAL DEVICE, SYSTEM, AND METHOD
(31) 63/393,917 (32) 31.07.22 (33) US

(71) Dolby Laboratories Licensing Corporation
(21) 2023210569 (22) 01.08.2023
(54) Source color volume information messaging
(62) 2022235573

(71) Dynex Extrusions Limited
(21) 2023208204 (22) 28.07.2023
(54) GLAZING BLOCK
(31) 789532 (32) 29.07.22 (33) NZ

(71) ECP Entwicklungsgesellschaft mbH
(21) 2023210552 (22) 31.07.2023
(54) External drive unit for an implantable heart assist pump
(62) 2018248903

(71) Edwards Lifesciences Corporation
(21) 2023208213 (22) 28.07.2023
(54) Prosthetic heart valve
(62) 2022204586

(71) Edwards Lifesciences Corporation
(21) 2023210578 (22) 02.08.2023
(54) Heart valve sealing devices and delivery devices therefor
(62) 2018255337

(71) E-Lead Electronic Co., Ltd.
(21) 2023210653 (22) 04.08.2023

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(54) Head-Mounted Fixing Device
(62) 2022203248

(71) Elkem Silicones USA Corp.
(21) 2023208208 (22) 28.07.2023
(54) Silicone rubber syntactic foam
(62) 2018219785

(71) EpinovaTech AB
(21) 2023210648 (22) 04.08.2023
(54) SEMICONDUCTOR LAYER STRUCTURE
(62) 2020400286

(71) F. Hoffmann-La Roche AG; GENENTECH, INC.
(21) 2023210566 (22) 01.08.2023
(54) Subcutaneous HER2 antibody formulations
(62) 2020203066

(71) Fisher & Paykel Healthcare Limited
(21) 2023210547 (22) 31.07.2023
(54) METHOD OF DETECTING ERRORS IN THE CONNECTIONS IN A HUMIDIFICATION SYSTEM
(62) 2017343369

(71) Fisher & Paykel Healthcare Limited
(21) 2023210559 (22) 01.08.2023
(54) RESPIRATORY MASK SYSTEM
(62) 2018292722

(71) Fisher & Paykel Healthcare Limited
(21) 2023210645 (22) 04.08.2023
(54) PATIENT INTERFACE
(62) 2020286236

(71) Fresenius Medical Care Holdings, Inc.
(21) 2023210527 (22) 31.07.2023
(54) Securely distributing medical prescriptions
(62) 2018257958

(71) Fundació Hospital Universitari Vall d'hebron - Institut de Recerca
(21) 2023210591 (22) 02.08.2023
(54) Markers of endometrial cancer
(62) 2017260806

GENENTECH, INC. see F. Hoffmann-La Roche AG
(21) 2023210566

(71) Gilead Sciences, Inc.
(21) 2023210594 (22) 02.08.2023
(54) Solid forms of a toll-like receptor modulator
(62) 2020257174

(71) Gregg Drilling, LLC
(21) 2023210570 (22) 01.08.2023
(54) Geotechnical rig systems and methods
(62) 2021308639

(71) Grenof Pty Ltd
(21) 2023211210 (22) 07.08.2023
(54) Remediation of Water Pipelines
(31) 2022901772 (32) 26.06.22 (33) AU

(71) Guangdong Neat Packaging Co., LTD.
(21) 2023208218 (22) 29.07.2023
(54) Spray pump
(31) 202222417761X (32) 13.09.22 (33) CN

Haier Smart Home Co., Ltd. see Qingdao Economic And Technological Development Zone Haier Water Heater Co., Ltd
(21) 2023210633

(71) Hangzhou Biotest Biotech Co., LTD.
(21) 2023210574 (22) 02.08.2023
(54) DEVICE FOR TESTING ANALYTE IN LIQUID SAMPLE
(31) 2023104728445 (32) 26.04.23 (33) CN
63/501,047 09.05.23 US

(71) Hemispherian AS
(21) 2023210586 (22) 02.08.2023
(54) DEOXY- CYTIDINE OR URIDINE DERIVATIVES FOR USE IN CANCER THERAPIES
(62) 2020215801

(71) HGCI, Inc.
(21) 2023209556 (22) 31.07.2023
(54) LENS COVER HAVING LENS ELEMENT
(62) 2020435664

(71) Huawei Technologies Co., Ltd.
(21) 2023210620 (22) 03.08.2023
(54) TIME-DOMAIN STEREO ENCODING AND DECODING METHOD AND RELATED PRODUCT
(62) 2018315436

(71) HUNAN WULING POWER TECHNOLOGY CO., LTD.; WULING POWER CORPORATION LTD.
(21) 2023210611 (22) 03.08.2023
(54) METHOD AND APPARATUS FOR OPERATING STATE ANALYSIS AND EARLY WARNING OF AUXILIARY DEVICE OF HYDROELECTRIC STATION, AND DECISION SUPPORT SYSTEM FOR HYDROELECTRIC PRODUCTION
(31) 202210936704.4 (32) 05.08.22 (33) CN

(71) ImmunoGen, Inc.
(21) 2023210668 (22) 04.08.2023

(54) Diagnostic assays and kits for detection of folate receptor 1
(62) 2020204602

(71) Innovative Veterinary Practices, LLC
(21) 2023210680 (22) 07.08.2023
(54) CUSTOMER EXPERIENCE INTERFACE FOR INTEGRATED PRACTICE MANAGEMENT SOLUTIONS
(31) 17/882,877 (32) 08.08.22 (33) US

(71) Instrumentation Laboratory Company
(21) 2023210627 (22) 03.08.2023
(54) OPTICAL ANALYTE SENSOR
(31) 17/881,088 (32) 04.08.22 (33) US

(71) Insulet Corporation
(21) 2023210562 (22) 01.08.2023
(54) Safety constraints for a control algorithm-based drug delivery system
(62) 2019263490

(71) Intuit Inc.
(21) 2023210679 (22) 07.08.2023
(54) Web-authorization using enhanced cookie
(31) 18/102,074 (32) 26.01.23 (33) US

(71) Intuit Inc.
(21) 2023210681 (22) 07.08.2023
(54) Dataset ranking based on composite score
(31) 18/072,697 (32) 30.11.22 (33) US

(71) Invarosoft Pty Ltd
(21) 2023210618 (22) 03.08.2023
(54) SYSTEM AND METHOD FOR PROVIDING A CUSTOMISABLE GRAPHICAL USER INTERFACE FOR INFORMATION TECHNOLOGY ASSISTANCE
(62) 2017239577

(71) Ishigaki Company Limited
(21) 2023210568 (22) 01.08.2023
(54) Filter-press filter-cloth damage detection device
(31) 2022-130857 (32) 19.08.22 (33) JP
2022-130858 19.08.22 JP

(71) Itron, Inc.
(21) 2023208211 (22) 28.07.2023
(54) Limiting forwarding of multicast communications
(62) 2018374839

(71) JPMorgan Chase Bank, N.A.
(21) 2023208216 (22) 28.07.2023
(54) SYSTEMS AND METHODS FOR ENHANCED ORGANIZATIONAL TRANSPARENCY USING A CREDIT CHAIN
(62) 2017308758

Complete Applications Filed - Name Index cont'd

(71) Juvo Solutions Pty Ltd
(21) 2023210554 (22) 31.07.2023
(54) SHOWER COMMODE SEAT
(62) 2017239576

(71) KGSE Holdings, LLC
(21) 2023208221 (22) 31.07.2023
(54) HANDS-FREE SHOE
(31) 63/371,163 (32) 11.08.22 (33) US

(71) Koninklijke Philips N.V.
(21) 2023210671 (22) 04.08.2023
(54) A light emitting device, comprising light emitting units being arranged in a plane filling pattern
(62) 2018310543

Kuchimanchi, V. see Kuchimanchi, V.S.S.S.
(21) 2023210549

(71) Kuchimanchi, V.S.S.S.; Kuchimanchi, V.
(21) 2023210549 (22) 31.07.2023
(54) An organic anti-mold bakery additive
(62) 2019442910

(71) Lam, T.T.
(21) 2023208217 (22) 28.07.2023
(54) MECHANICAL POWERTRAIN FOR WAVE ENERGY POWER PLANT

(71) Lam, T.T.
(21) 2023208219 (22) 30.07.2023
(54) COAXIAL MAGNETIC CONTINUOUS VARIABLE TRANSMISSION
(31) 2023902148 (32) 04.07.23 (33) AU

(71) Lam, T.T.
(21) 2023210604 (22) 02.08.2023
(54) BEVELLED MAGNETIC CONTINUOUS VARIABLE TRANSMISSION
(31) 2023902148 (32) 04.07.23 (33) AU

(71) Latch Systems, Inc.
(21) 2023210587 (22) 02.08.2023
(54) METHODS AND SYSTEMS FOR ACCESS CONTROL AND AWARENESS MANAGEMENT
(62) 2017324945

(71) LG Electronics Inc.
(21) 2023210583 (22) 02.08.2023
(54) APPLIANCE
(31) 10-2022-0095981 (32) 02.08.22 (33) KR

(71) LG Electronics Inc.
(21) 2023210589 (22) 02.08.2023
(54) APPLIANCE
(31) 10-2022-0096377 (32) 02.08.22 (33) KR

(71) LG Electronics Inc.
(21) 2023210670 (22) 04.08.2023
(54) REFRIGERATOR AND METHOD FOR CONTROLLING THE SAME
(62) 2019354500

Li, D. see Yu, C.
(21) 2023210523

(71) Locus Robotics Corp.
(21) 2023210520 (22) 31.07.2023
(54) Tote induction in warehouse order fulfillment operations
(62) 2020216167

(71) Locus Robotics Corp.
(21) 2023210522 (22) 31.07.2023
(54) Optimized tote recommendation process in warehouse order fulfillment operations
(62) 2020214805

(71) Locus Robotics Corp.
(21) 2023210596 (22) 02.08.2023
(54) Robot congestion management
(62) 2020215719

(71) Locus Robotics Corp.
(21) 2023210661 (22) 04.08.2023
(54) Robot assisted personnel routing
(62) 2020216423

(71) Lone Gull Holdings, Ltd.
(21) 2023210555 (22) 01.08.2023
(54) Wind-powered computing buoy
(62) 2019212648

(71) Lumenis Ltd
(21) 2023210656 (22) 04.08.2023
(54) Optimization of BPH treatment using HoLEP (Holium Laser Enucleation Of Prostate)
(62) 2021282522

(71) Manta Sleep LLC
(21) 2023210597 (22) 02.08.2023
(54) EYE MASK
(31) 17/969,312 (32) 19.10.22 (33) US
18/047,131 17.10.22 US

(71) ModernaTX, Inc.
(21) 2023208200 (22) 28.07.2023
(54) MODIFIED RNA ENCODING VEGF-A POLYPEPTIDES, FORMULATIONS, AND USES RELATING THERETO
(62) 2017277277

(71) ModernaTX, Inc.
(21) 2023210606 (22) 03.08.2023

(54) Combinations of mRNAs encoding immune modulating polypeptides and uses thereof
(62) 2017266929

Monash University see Alfred Health
(21) 2023210628

(71) Multisteps Pty Ltd
(21) 2023208215 (22) 28.07.2023
(54) A Produce Container

(71) Nantkwest, Inc.
(21) 2023210592 (22) 02.08.2023
(54) Anti-B7-H4 chimeric antigen receptor-modified NK-92 cells
(62) 2019459423

(71) NEC Corporation
(21) 2023210669 (22) 04.08.2023
(54) MEASUREMENT SYSTEM AND FLOAT
(31) 2022-134142 (32) 25.08.22 (33) JP

(71) nevernot GmbH
(21) 2023210608 (22) 03.08.2023
(54) Soft tampon, soft tampon assembly, method of packing a soft tampon, and vacuum-packed soft tampon assembly
(31) 10 2022 133 336.1 (32) 14.12.22 (33) DE

(71) Nicoventures Trading Limited
(21) 2023210612 (22) 03.08.2023
(54) Aerosol provision system
(62) 2020255320

(71) Nicoventures Trading Limited
(21) 2023210613 (22) 03.08.2023
(54) Aerosol provision system
(62) 2020251739

(71) Nippon Steel Corporation
(21) 2023210667 (22) 04.08.2023
(54) Flux and production method of steel product with hot-dip Zn-Al-Mg coating using said flux
(62) 2020335420

(71) Northwestern University
(21) 2023210617 (22) 03.08.2023
(54) Devices and methods for rapid sample processing and analysis
(62) 2018271981

(71) NORTJE, B.E.; VILJOEN, A.J.J.
(21) 2023210626 (22) 03.08.2023
(54) CUSTOM NUTRITIONAL SUPPLEMENT COMPOSITION PRODUCTION SYSTEM AND METHOD
(62) 2021201936

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<p>(71) Novartis AG (21) 2023210543 (22) 31.07.2023 (54) Uses of myostatin antagonists, combinations containing them and uses thereof (62) 2021202757</p>	<p>(71) QuVa Pharma, Inc. (21) 2023210659 (22) 04.08.2023 (54) READY TO USE LIQUID RECK FORMULATION (62) 2019252409</p>	<p>(54) EROSION REDUCTION DEVICE</p>
<p>(71) Novartis AG (21) 2023210550 (22) 31.07.2023 (54) METHOD FOR REDUCING THE RISK OF A CARDIOVASCULAR EVENT WITH CONJUGATED ANTISENSE COMPOUNDS TARGETING APO(a) (62) 2019377275</p>	<p>(71) Raxel Pty Ltd (21) 2023210545 (22) 31.07.2023 (54) APPARATUS FOR FEEDING LIVESTOCK (62) 2017225091</p>	<p>(71) Sequenom, Inc. (21) 2023210582 (22) 02.08.2023 (54) Methods and processes for non-invasive assessment of genetic variations (62) 2020260501</p>
<p>(71) Oxford Green Homes Pty Ltd (21) 2023210580 (22) 02.08.2023 (54) PANEL BUILDING AND INSULATION SYSTEM (31) 2022902172 (32) 02.08.22 (33) AU</p>	<p>(71) Regeneron Pharmaceuticals, Inc. (21) 2023210307 (22) 31.07.2023 (54) AUTO-INJECTOR (62) 2018260992</p>	<p>(71) SES-Imagotag (21) 2023210567 (22) 01.08.2023 (54) Method for locating electronic shelf labels in a retail area (62) 2017324473</p>
<p>(71) Pier Tech Systems LLC (21) 2023210537 (22) 31.07.2023 (54) Snap lock, anti-reverse rotation coupler assembly for foundation support system (31) 63/394,073 (32) 01.08.22 (33) US</p>	<p>(71) Rhombus Systems Group, Inc. (21) 2023210581 (22) 02.08.2023 (54) Radar system to track low flying unmanned aerial vehicles and objects (62) 2017270593</p>	<p>(71) Skillz Platform Inc. (21) 2023208220 (22) 31.07.2023 (54) CONTROLLING PEER-TOURNAMENT CLIENT OPERATION WITH SEGMENTATION OF CLIENTS (62) 2020219234</p>
<p>(71) Plainsight Corp. (21) 2023208197 (22) 28.07.2023 (54) System and method of counting livestock (62) 2021358749</p>	<p>(71) Rhombus Systems Group, Inc. (21) 2023210584 (22) 02.08.2023 (54) Radar system to track low flying unmanned aerial vehicles and objects (62) 2017270593</p>	<p>(71) Snap-on Incorporated (21) 2023210565 (22) 01.08.2023 (54) TOOL ILLUMINATION SOURCE (62) 2021221414</p>
<p>(71) Precision BioSciences, Inc. (21) 2023210619 (22) 03.08.2023 (54) Treatment of retinitis pigmentosa using engineered meganucleases (62) 2020294264</p>	<p>(71) Roadtec, Inc. (21) 2023208196 (22) 28.07.2023 (54) Systems and Method for automatically guiding a road construction machine (31) 18/157,600 (32) 12.08.22 (33) US</p>	<p>(71) Snap-On Incorporated (21) 2023210557 (22) 01.08.2023 (54) Composite work surface (31) 18/226,766 (32) 26.07.23 (33) US 63/395,650 05.08.22 US</p>
<p>(71) President and Fellows of Harvard College (21) 2023210577 (22) 02.08.2023 (54) Hybridization chain reaction methods for in situ molecular detection (62) 2017257624</p>	<p>(71) Royal Bank of Canada (21) 2023210563 (22) 01.08.2023 (54) Secure processing of data (62) 2021203623</p>	<p>(71) Source Vagabond Systems Ltd. (21) 2023208209 (22) 28.07.2023 (54) Protective Combat Clothing (62) 2019330382</p>
<p>(71) Qingdao Economic And Technological Development Zone Haier Water Heater Co., Ltd; Haier Smart Home Co., Ltd. (21) 2023210633 (22) 03.08.2023 (54) Electric box of heat-pump water heater and heat-pump water heater (31) 202211390794.8 (32) 07.11.22 (33) CN</p>	<p>(71) Samsung Electronics Co., Ltd. (21) 2023210665 (22) 04.08.2023 (54) REFRIGERATOR (62) 2020258215</p>	<p>(71) SSG International, LLC (21) 2023210546 (22) 31.07.2023 (54) Golf ball retriever (31) 17/900,381 (32) 31.08.22 (33) US</p>
<p>(71) Quantum-Si Incorporated (21) 2023210629 (22) 03.08.2023 (54) Integrated device with external light source for probing, detecting, and analyzing molecules (62) 2021203568</p>	<p>(71) Schneider Electric USA, Inc. (21) 2023210590 (22) 02.08.2023 (54) SYSTEMS AND METHODS FOR AUTOMATICALLY ASSESSING EVENT RECOVERY IN AN ELECTRICAL SYSTEM (31) 63/395651 (32) 05.08.22 (33) US 18/078446 09.12.22 US</p>	<p>(71) Stryker Corporation (21) 2023210615 (22) 03.08.2023 (54) Waste collection unit for collecting waste material through a suction line during a medical procedure (62) 2020270491</p>
<p>(71) Suntrup, G. see Bird, D. (21) 2023210575</p>	<p>(71) Seagrass Technologies Pty Ltd (21) 2023210572 (22) 01.08.2023</p>	<p>(71) sunshine surfing (aust) Pty Ltd (21) 2023210588 (22) 02.08.2023 (54) Eccentric Rotational Cam Toolless fin System</p>

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(54) COMPOUNDS AND COMPOSITIONS HAVING KNOCK-DOWN OR BLOOD FEED INHIBITION ACTIVITY AGAINST INSECT PESTS
(62) 2021203002

(71) Takeda GmbH
(21) 2023210647 (22) 04.08.2023
(54) Antibodies Neutralizing GM-CSF For Use In The Treatment Of Rheumatoid Arthritis Or As Analgesics
(62) 2020203917

(71) Techtronic Cordless GP
(21) 2023208210 (22) 28.07.2023
(54) Hacksaw
(31) 17/886,226 (32) 11.08.22 (33) US

(71) Techtronic Cordless GP
(21) 2023210551 (22) 31.07.2023
(54) A battery pack and an electric tool including the battery pack
(31) 202210956387.2 (32) 10.08.22 (33) CN

(71) Teixido, A.
(21) 2023210600 (22) 02.08.2023
(54) Oral Hygiene Device
(62) 2020259205

(71) Thales DIS France SA
(21) 2023210595 (22) 02.08.2023
(54) DATA CARRIER WITH TACTILE PRINTED AREA FOR INK WRITING DATA
(62) 2021204007

(71) The Chinese University of Hong Kong
(21) 2023210593 (22) 02.08.2023
(54) Determination of base modifications of nucleic acids
(62) 2022231719

(71) The Crucible Group IP Pty Ltd
(21) 2023208214 (22) 28.07.2023
(54) PROCESSING QUARANTINED MATERIALS
(62) 2017320468

(71) The Regents of the University of Colorado, a Body Corporate
(21) 2023210561 (22) 01.08.2023
(54) Compositions and methods for modulating T-cell mediated immune response
(62) 2016315892

(71) TLS Corp.
(21) 2023210544 (22) 31.07.2023
(54) DISTRIBUTED AUDIO MIXING
(62) 2020253755

(71) Tongji University
(21) 2023210603 (22) 02.08.2023
(54) Method for Preparing Medium-Chain Fatty Acids (MCFAs) Based on Carbon Dioxide Regulation
(31) 202211022468.1 (32) 25.08.22 (33) CN

(71) Transderm Inc.
(21) 2023210542 (22) 31.07.2023
(54) Delivery of botulinum with microneedle arrays
(62) 2021266269

(71) Trayt Inc.
(21) 2023210678 (22) 06.08.2023
(54) PLATFORM FOR ASSESSING AND TREATING INDIVIDUALS BY SOURCING INFORMATION FROM GROUPS OF RESOURCES
(62) 2017330353

TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see Astellas Pharma Inc.
(21) 2023208203

(71) University of Massachusetts
(21) 2023210605 (22) 03.08.2023
(54) Diagnosis and treatment of vitiligo
(62) 2018257917

(71) Vertex Pharmaceuticals Incorporated
(21) 2023208222 (22) 31.07.2023
(54) Methods of treatment for cystic fibrosis
(62) 2018304168

(71) Vieth, R.W.
(21) 2023210651 (22) 04.08.2023
(54) Recreational water projectile and uses thereof
(31) TBA (32) 02.08.23 (33) CA

VILJOEN, A.J.J. see NORTJE, B.E.
(21) 2023210626

(71) VISA INTERNATIONAL SERVICE ASSOCIATION
(21) 2023210607 (22) 03.08.2023
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR CONSENT MANAGEMENT
(62) 2022338171

(71) VMware, Inc.
(21) 2023210524 (22) 31.07.2023
(54) Virtual service networks
(62) 2020225189

(71) VOLVO AUTONOMOUS SOLUTIONS AB
(21) 2023210641 (22) 03.08.2023
(54) A LOAD-CARRIER VEHICLE
(31) 22197325.8 (32) 23.09.22 (33) EP

(71) Vorwerk & Co. Interholding GmbH
(21) 2023210576 (22) 02.08.2023
(54) SYSTEM AND METHOD FOR RECIPE DEPENDENT CLEANING OF COOKING APPLIANCES
(31) EP22188810.0 (32) 04.08.22 (33) EP

(71) Warrantee Inc.
(21) 2023210672 (22) 04.08.2023
(54) Insurance management server, service providing system, and service providing method
(62) 2020242007

(71) Westinghouse Air Brake Technologies Corporation
(21) 2023210306 (22) 31.07.2023
(54) MULTI-VEHICLE BRAKING SYSTEM
(62) 2021240159

(71) Whirlpool Corporation
(21) 2023210556 (22) 01.08.2023
(54) STAND MIXER WITH LOCKING PLANETARY OUTPUT
(31) 17/939,161 (32) 07.09.22 (33) US

(71) Willand (Beijing) Technology Co., LTD.
(21) 2023210657 (22) 04.08.2023
(54) METHOD FOR CONSTRUCTING VIRTUAL BOUNDARY, AUTONOMOUS MOBILE MOWING APPARATUS, AND USER TERMINAL
(31) 202310214083.3 (32) 28.02.23 (33) CN

WULING POWER CORPORATION LTD. see HUNAN WULING POWER TECHNOLOGY CO., LTD.
(21) 2023210611

Yang, H. see Zhang, W.
(21) 2023210573

(71) Yeda Research and Development Co. Ltd.
(21) 2023208156 (22) 27.07.2023
(54) A method of inducing cardiomyocytes proliferation and treating heart diseases
(62) 2016347661

Yu, J. see Yu, C.
(21) 2023210523

(71) Yu, C.; Dell Mine Pty Ltd; Li, D.; Yu, J.
(21) 2023210523 (22) 31.07.2023

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(54) OPEN PIT CUTBACK MINING METHOD FOR SMALL AND DEEP AREA

(71) Yuan Mei Corp.

(21) 2023210646 (22) 04.08.2023

(54) Anti-blockage pipeline structure with valve

(71) Zhang, W.; Yang, H.

(21) 2023210573 (22) 01.08.2023

(54) Device And Method For Soil Moisture Stabilization And Tree Or Plant Protection

(62) 2017296075

(71) ZHEJIANG JINKO SOLAR CO., LTD.

(21) 2023210662 (22) 04.08.2023

(54) SOLAR CELL AND MANUFACTURING METHOD THEREOF, AND PHOTO-VOLTAIC MODULE

(31) 202310172661.1 (32) 22.02.23 (33) CN

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2023208156	Yeda Research and Development Co. Ltd.	2023210555	Lone Gull Holdings, Ltd.
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2023208197	Plainsight Corp.	2023210557	Snap-On Incorporated
2023208198	Ascendis Pharma A/S	2023210558	ALBERT EINSTEIN COLLEGE OF MEDICINE
2023208199	Aristocrat Technologies Australia Pty Limited	2023210559	Fisher & Paykel Healthcare Limited
2023208200	ModernaTX, Inc.	2023210560	DCC TECHNOLOGY CO., LTD.
2023208202	Beijing Guanghe New Energy Technology Co., Ltd.	2023210561	The Regents of the University of Colorado, a Body Corporate
2023208203	Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH	2023210562	Insulet Corporation
2023208204	Dynex Extrusions Limited	2023210563	Royal Bank of Canada
2023208205	Dobney, D.	2023210564	Chase, W.
2023208206	Dobney, D.	2023210565	Snap-on Incorporated
2023208207	Binary Beer Pty Ltd	2023210566	F. Hoffmann-La Roche AG; GENENTECH, INC.
2023208208	Elkem Silicones USA Corp.	2023210567	SES-Imagotag
2023208209	Source Vagabond Systems Ltd.	2023210568	Ishigaki Company Limited
2023208210	Techtronic Cordless GP	2023210569	Dolby Laboratories Licensing Corporation
2023208211	Itron, Inc.	2023210570	Gregg Drilling, LLC
2023208212	Becton Dickinson Infusion Therapy Systems Inc.	2023210571	ARTIS PROPERTY PTY LTD
2023208213	Edwards Lifesciences Corporation	2023210572	Seagrass Technologies Pty Ltd
2023208214	The Crucible Group IP Pty Ltd	2023210573	Zhang, W.; Yang, H.
2023208215	Multisteps Pty Ltd	2023210574	Hangzhou Biotest Biotech Co., LTD.
2023208216	JPMorgan Chase Bank, N.A.	2023210575	Bird, D.; Suntup, G.
2023208217	Lam, T.T.	2023210576	Vorwerk & Co. Interholding GmbH
2023208218	Guangdong Neat Packaging Co., LTD.	2023210577	President and Fellows of Harvard College
2023208219	Lam, T.T.	2023210578	Edwards Lifesciences Corporation
2023208220	Skillz Platform Inc.	2023210579	Cardow, R.
2023208221	KGSE Holdings, LLC	2023210580	Oxford Green Homes Pty Ltd
2023208222	Vertex Pharmaceuticals Incorporated	2023210581	Rhombus Systems Group, Inc.
2023208845	Capulet Enterprises Pty Ltd	2023210582	Sequenom, Inc.
2023209556	HGCI, Inc.	2023210583	LG Electronics Inc.
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2023210528	Cellphire, Inc.	2023210594	Gilead Sciences, Inc.
2023210529	Canva Pty Ltd	2023210595	Thales DIS France SA
2023210530	Canva Pty Ltd	2023210596	Locus Robotics Corp.
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2023210532	Canva Pty Ltd	2023210598	Aristocrat Technologies Australia Pty Limited
2023210533	Canva Pty Ltd	2023210599	Ascendis Pharma Growth Disorders A/S
2023210534	Canva Pty Ltd	2023210600	Teixido, A.
2023210535	Canva Pty Ltd	2023210601	China Construction Science and Industry Corporation Ltd.
2023210536	Canva Pty Ltd	2023210602	Aristocrat Technologies Australia Pty Limited
2023210537	Pier Tech Systems LLC	2023210603	Tongji University
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2023210550	Novartis AG	2023210618	Invarosoft Pty Ltd
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2023210621 Adobe Inc.
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2023210628 Alfred Health; Monash University
2023210629 Quantum-Si Incorporated
2023210631 CDM Smith Inc.
2023210632 Colgate-Palmolive Company
2023210633 Qingdao Economic And Technological Development
Zone Haier Water Heater Co., Ltd; Haier Smart Home
Co., Ltd.
2023210634 de Cavis AG; Construction Research & Technology
GmbH
2023210635 Amgen Inc.
2023210636 AstraZeneca AB
2023210637 Aristocrat Technologies, Inc.
2023210638 Aristocrat Technologies, Inc.
2023210639 Aristocrat Technologies, Inc.
2023210640 Aristocrat Technologies, Inc.
2023210641 VOLVO AUTONOMOUS SOLUTIONS AB
2023210642 Aristocrat Technologies Australia Pty Limited
2023210643 Daon Technology
2023210644 Scolaro, A.
2023210645 Fisher & Paykel Healthcare Limited
2023210646 Yuan Mei Corp.
2023210647 Takeda GmbH
2023210648 EpinovaTech AB
2023210649 Anteris Technologies Corporation
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2023210653 E-Lead Electronic Co., Ltd.
2023210654 Apple Inc.
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2023210656 Lumenis Ltd
2023210657 Willand (Beijing) Technology Co., LTD.
2023210658 Deere & Company
2023210659 QuVa Pharma, Inc.
2023210660 Disruption Labs Inc.
2023210661 Locus Robotics Corp.
2023210662 ZHEJIANG JINKO SOLAR CO., LTD.
2023210663 Azuma Design Pty Limited
2023210664 ConMed Corporation
2023210665 Samsung Electronics Co., Ltd.
2023210666 Ben Brogan Pty Ltd
2023210667 Nippon Steel Corporation
2023210668 ImmunoGen, Inc.
2023210669 NEC Corporation
2023210670 LG Electronics Inc.
2023210671 Koninklijke Philips N.V.
2023210672 Warrantee Inc.
2023210673 Acer Incorporated
2023210674 Aristocrat Technologies, Inc.
2023210675 Bio HesoTechnology Co., Ltd.
2023210676 Adobe Inc.
2023210677 Adobe Inc.
2023210678 Trayt Inc.
2023210679 Intuit Inc.
2023210680 Innovative Veterinary Practices, LLC
2023210681 Intuit Inc.
2023210876 Apple Inc.
2023211029 Beijing Tusen Zhitu Technology Co., Ltd.
2023211210 Grenof Pty Ltd
2023211258 Adobe Inc.
2023211362 Beijing Tusen Zhitu Technology Co., Ltd.
2023211707 Beijing Tusen Zhitu Technology Co., Ltd.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 1 Aug 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Apple Inc.
(21) 2023100073 **(22)** 04.08.2023
(54) Watchbands with hook and loop fasten-
ers
(62) 2022100166

(71) Datamars SA
(21) 2023100072 **(22)** 02.08.2023
(54) ELECTRIC FENCE REEL
(62) 2021221569

(71) Transking Corporation Pty Limited
(21) 2023100074 **(22)** 07.08.2023
(54) A winch assembly
(62) 2018220092

Numerical Index

2023100072 Datamars SA
2023100073 Apple Inc.

2023100074 Transking Corporation Pty Limited

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

1998

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2003

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2023

2023203033 (1B) 2023210581 (12BN)

Assignments before Grant, Section 113**2016**

2016421822 Skauen, Ronny The application has been assigned to **Sleipner Motor AS**

2017

2017325038 Luminera Derm Ltd. The application has been assigned to **Allergan Pharmaceuticals International Limited**

2017327392 Rasna Research Inc. The application has been assigned to **Tiziana Life Sciences PLC**

2017334408 Nanjing Biopoint Diagnostic Technology Co. Ltd The application has been assigned to **BioPoint Hong Kong Ltd**

2018

2018204013 Ethicon, Inc The application has been assigned to **ASP Global Manufacturing GmbH**

2018241748 Bayer CropScience Aktiengesellschaft The application has been assigned to **Elanco Animal Health GmbH**

2018320182 Cardiologs Technologies SAS The application has been assigned to **Koninklijke Philips N.V.**

2018341803 Japan Blue Energy Co., Ltd. The application has been assigned to **JBEC Co., Ltd.**

2018357861 PACT Pharma, Inc. The application has been assigned to **ADOC SSF, LLC**

2019

2019248644 PACT Pharma, Inc. The application has been assigned to **ADOC SSF, LLC**

2019341273 Suzhou Zanrong Pharma Limited The application has been assigned to **F. Hoffmann-La Roche AG**

2019446553 WISORIG TECHNOLOGIES PTE. LIMITED The application has been assigned to **Anipha Technologies Pty Ltd**

2020

2020217349 I-Mab Biopharma US Limited The application has been assigned to **I-Mab Biopharma Co., Ltd.**

2020218863 Cardiologs Technologies SAS The application has been assigned to **Koninklijke Philips N.V.**

2020221229 PACT Pharma, Inc. The application has been assigned to **ADOC SSF, LLC**

Assignments before Grant, Section 113

2020264484 PACT Pharma, Inc. The application has been assigned to **ADOC SSF, LLC**

2020266579 PACT Pharma, Inc. The application has been assigned to **ADOC SSF, LLC**

2020332304 Enzyvant Therapeutics, Inc.; Duke University The application has been assigned to **Enzyvant Therapeutics GmbH; Duke University**

2020363792 PACT Pharma, Inc. The application has been assigned to **ADOC SSF, LLC**

2020391004 Scipio Life Sciences Limited The application has been assigned to **Aptorum Therapeutics Limited**

2021

2021203783 I-Mab Biopharma US Limited The application has been assigned to **I-Mab Biopharma Co., Ltd.**

2021260324 Toyobo Co., Ltd. The application has been assigned to **TOYOBO MC Corporation**

2021260682 Shanghai Innofortune Boitech Co.Ltd The application has been assigned to **Shijiazhuang Yiling Pharmaceutical Co., Ltd.**

2021261807 Smilebiotek Zhuhai Limited The application has been assigned to **Smilebiotek Guangzhou Limited**

2021278260 thyssenkrupp Industrial Solutions AG; ThyssenKrupp AG The application has been assigned to **thyssenkrupp Industrial Solutions AG**

2021288213 PACT Pharma, Inc. The application has been assigned to **ADOC SSF, LLC**

2021295370 Malaeb, Waddah Arkan The application has been assigned to **DLOC Biosystems, Inc.**

2021300483 Jiangsu Simcere Pharmaceutical Co., Ltd. The application has been assigned to **Nanjing Zaiming Pharmaceutical Co., Ltd.**

2021346006 WENZHOU MEDICAL UNIVERSITY The application has been assigned to **Arctic Vision (Shanghai) Biotechnology Co., Ltd.**

2021351233 CARDIOLOGS TECHNOLOGIES SAS The application has been assigned to **Koninklijke Philips N.V.**

2021368557 PACT PHARMA, INC. The application has been assigned to **ADOC SSF, LLC**

2021383635 INDIAN INSTITUTE OF TECHNOLOGY BOMBAY; ALGORITHMIC BIOLOGICS PRIVATE LIMITED The application has been assigned to **ALGORITHMIC BIOLOGICS PRIVATE LIMITED**

2021409740 FLAGSHIP PIONEERING, INC. The application has been assigned to **Flagship Pioneering Innovations VI, LLC.**

Assignments before Grant, Section 113

2022

2022200256 Ethicon, Inc. The application has been assigned to **ASP Global Manufacturing GmbH**

2022204056 Neonc Technologies Inc. The application has been assigned to **UNIVERSITY OF SOUTHERN CALIFORNIA**

2022902548 Mombe Limited The application has been assigned to **Welfare Concepts Limited**

2022902774 Eco Structures Australia Pty Ltd The application has been assigned to **WABI SYSTEMS PTY LTD**

2023

2023204568 CHO, Ok Nam The application has been assigned to **UNIL Electronics Corp.**

2023206083 JINKO SOLAR (HAINING) CO., LTD. The application has been assigned to **JINKO SOLAR CO., LTD.**

Extensions of Time, Section 223

Applications Received

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

2011

2011333512 **Huber, I.; Magony, R.** An application to extend the time from 25 Nov 2022 to 25 Jul 2023 in which to pay a renewal fee has been filed . Address for service - Eagar & Associates Pty Ltd Suite 2 35-39 Scarborough Street Southport QLD 4215 AU

2016

2016306301 **Calcimedica, Inc.; The United States Government as represented by The Department of Veterans Affairs** An application to extend the time from 05 Aug 2022 to 05 Apr 2023 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

Applications Allowed - Section 223(2)

2007

2007242052 **Aortech International plc** The time in which to pay a renewal fee has been extended to 19 May 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2009

2009282962 **ADVENCHEN LABORATORIES, LLC; Chen, G.** The time in which to pay a renewal fee has been extended to 13 May 2023 . Address for service - Acacia Law PO BOX 1279 Milton QLD 4064 AU

2012

2012312239 **Donaldson Company, Inc.** The time in which to pay a renewal fee has been extended to 21 May 2023 . Address for service - Wynnes Patent and Trade Mark Attorneys Pty Ltd U 4 27 Godwin St Bulimba QLD 4171 AU

Extensions of Time, Section 223

2017

2017201318 **Veytech Diagnostic Services Pty Ltd; Veytech Onsite Solutions Pty Ltd** The time in which to gain acceptance has been extended to 23 Sep 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019

2019201093 **Tata Steel Limited** The time in which to pay a renewal fee has been extended to 19 Feb 2023 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2020

2020455928 **FLUENCE ENERGY, LLC** The time in which to enter the National Phase has been extended to 30 Mar 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021349285 **WASH YOUR MOUTH DENTAL, LLC** The time in which to restore priority has been extended to 29 Sep 2021 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2021382403 **BRENNAN ENTERPRISE LIMITED** The time in which to enter the National Phase has been extended to 20 Aug 2023 . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

2021392567 **COREMAX LIMITED** The time in which to enter the National Phase has been extended to 03 Aug 2023 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2022

2022100054 **Martin, I.** The time in which to pay a renewal fee has been extended to 02 May 2023 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 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.

2013

2013362883 Slurry for treatment of oxyanion contamination in water **Phoslock Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 04 Jul 2023 . Address for service - Davies Collison Cave Pty Ltd 1 Nicholson St Melbourne VIC 3000 AU

2016

2016368289 Methods and compositions for treating a Serpinc1-associated disorder **Genzyme Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Jun 2023 . Address for

Amendments

service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017

2017321609 Drug delivery compositions and uses thereof **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2023 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019

2019212478 Chemokine receptor modulators and uses thereof **RAPT Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Jul 2023 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019253089 Hands on laboratory and demonstration equipment with a hybrid virtual/augmented environment, along with their methods of use **Hands-on Virtual Reality Labs LLC** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2023 . Address for service - Kambiz Hamadani 7/8-14 Melverton Drive Unit #105 Hallam VIC 3803 AU

2019379070 Foam producing apparatus and method **Bobrick Washroom Equipment, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jul 2023 . Address for service - Maderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2020

2020424576 Secure computation apparatus, secure computation method, and program **Nippon Telegraph and Telephone Corporation** The nature of the amendment is as shown in the statement(s) filed 02 Aug 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021

2021277638 CNP PRODRUGS WITH CARRIER ATTACHMENT AT THE RING MOIETY **Ascendis Pharma Growth Disorders A/S** The nature of the amendment is as shown in the statement(s) filed 02 Aug 2023 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2021335401 FILTER CARTRIDGE **ACLARIS WATER INNOVATIONS GMBH , LINDAU , ZWEIGNIEDERLASSUNG REBSTEIN** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2018

2018240124 **World Class Technology Corporation** The nature of the amendment is as shown in the statement(s) filed 05 May 2023

2018265333 **Sanofi** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2023

2018328312 **Consolidated Metco, Inc.** The nature of the amendment is: Amend the name of the inventor to read BURRIS, Jared Wiley Richard; DUNNA, Pavan Kumar; DEMENKO, Nazar Ventaminovich;

Amendments

JOHNSON, Darren Kirk; HARRINGTON, Jonathan David; MANN, Keith Darran and EDWARDS, William Joseph

2018390719 **Acess Global Sciences, LLC** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2023

2019

2019203320 **B.BOX FOR KIDS DEVELOPMENTS PTY LTD** The nature of the amendment is as shown in the statement(s) filed 03 May 2023

2019218241 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read DAVYDOV, Anton M.; KOO, Jane E.; MANZARI, Johnnie B.; PAUL, Grant R.; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre and WIERSEMA, Daniel J.

2020

2020250254 **Editas Medicine, Inc.; The Broad Institute, Inc.; The University of Iowa Research Foundation; Massachusetts Institute of Technology** The nature of the amendment is: Amend the name of the inventor to read ZHANG, Feng; PALESTRANT, Deborah; DAVIDSON, Beverly; MATA-FINK, Jordi; RODRIGUEZ, Edgardo and BORISY, Alexis

2020260090 **Metagenics LLC** The nature of the amendment is as shown in the statement filed 04 Aug 2023

2020267396 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read CLARKE, Graham R.; AUJOLET, Kevin; BESSIERE, Kevin; BOVET, Simon; CIRCLAES, Eric M. G.; DELLINGER, Richard R.; DEVINE, Lynne; DYE, Alan C.; GOBERA RUBALCAVA, Daniel E.; HIRMER, Benedikt; KARLSSON, Andreas; LEBLANC, Chelsea; LUCAS, Matthieu; MANZARI, Johnnie B.; RYAN, Nicole R.; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; SUZUKI, Gregg; TATARCHUK, Sergey and TITI, Justin

2020279477 **Crane & Co., Inc.** The nature of the amendment is as shown in the statements filed 18 Nov 2022 and 22 February 2023

2020286240 **B.H. Mayer's Kunstprägeanstalt GmbH** The nature of the amendment is: Amend the priority details to read 10 2019 133 806.9 10 Dec 2019 DE

2020289364 **Novartis AG** The nature of the amendment is: Amend the name of the inventor to read LAINE, Dramane; NANDAL, Savita; PAULOSE, Jincy; PURKAYASTHA, Das and TRUONG, Cuong

2020324949 **Eli Lilly and Company** The nature of the amendment is: Amend the name of the inventor to read LUMERAS AMADOR, Wenceslao; BRANDHUBER, Barbara Jean; IYER, Chandrasekar Venkataraman; LALLENA JIMENO, Maria Jose and SHAHDA, Safi

2020424325 **Mitsubishi Electric Corporation** The nature of the amendment is: Amend the invention title to read Heat pump device, heat pump system, air conditioner, and refrigeration machine

2020429374 **Xidian University** The nature of the amendment is: Amend the invention title to read A MULTI-GEOMAGNETIC SENSOR SPEED MEASUREMENT SYSTEM AND A SPEED MEASUREMENT METHOD USING THE MULTI-GEOMAGNETIC SENSOR SPEED MEASUREMENT SYSTEM

Amendments

2020462910 **NEC Corporation** The nature of the amendment is: Amend the invention title to read SYSTEM, METHOD, AND PROGRAM

2021

2021202908 **PerkinElmer Health Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 May 2023

2021204627 **Saphyre, Inc.** The nature of the amendment is: Amend the name of the inventor to read Roche Jr., Gabino M.

2021215607 **AGC Inc.** The nature of the amendment is: Amend the invention title to read Ion Exchange Membrane with Catalyst Layer, Ion Exchange Membrane and Electrolytic Hydrogenation Apparatus

2021220662 **Post Harvest IP Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read POTAS, Michael; VOLKOV, Gennadiy; HATZIMAHLI, Alexander; MATTHEWS, Alex; DUNFORD, Joshua; SHANNON, Jonathan and POTAS, Jason Robert

2021282376 **Peloton Interactive, Inc.** The nature of the amendment is: Amend the name of the inventor to read PETRILLO, David William; NG, Wong Kun; SKAVENSKI, Matt; KISS, Eric; VIVORI, Marissa; INTONATO, Bud; POLAT, Mete; LEE, Jooyoung; LEJA, Piotr and EVAN-CHA, Betina

2021382150 **METSO OUTOTEC FINLAND OY** The nature of the amendment is: Amend the name of the inventor to read Frizell, Nigel Richard

2021383307 **COX AUTOMOTIVE, INC.** The nature of the amendment is: Amend the name of the inventor to read LETAYF, Mazen; FAIRCLOTH, John and GUPTA, Rahul

2021401329 **DRAEGER MEDICAL SYSTEMS, INC.** The nature of the amendment is: Amend the invention title to read Using machine learning algorithms to automatically determine exposure in gas detection tubes

2021406651 **CHONGQING HAIFU MEDICAL TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Lesion Locating Method And Lesion Locating System

2021414302 **FL TECHNOLOGY GMBH** The nature of the amendment is: Amend the invention title to read LOGISTICS SURFACE AND METHOD FOR OPERATING THE SAME

2021417264 **JADE BIRD DISPLAY (SHANGHAI) LIMITED** The nature of the amendment is as shown in the statement filed 28 Jun 2023

2021420937 **HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read FAULT PROTECTION APPARATUS AND PHOTOVOLTAIC POWER GENERATION SYSTEM

2021426144 **ICST CORPORATION** The nature of the amendment is: Amend the invention title to read Test device, test kit, and test method

2021427347 **NIPPON TELEGRAPH AND TELEPHONE CORPORATION** The nature of the amendment is: Amend the invention title to

Amendments

read Secure pagerank computation system, method therefor, secure computation apparatus, and program

2021459856 **CHIYODA CORPORATION; KYOTO UNIVERSITY** The nature of the amendment is: Amend the invention title to read PROTON CONDUCTOR AND MANUFACTURING METHOD THEREOF

2022

2022200827 **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)** The nature of the amendment is: Amend the name of the inventor to read ARAÚJO, José and AL-HUSSEINY, Zeid

2022201810 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read CLARKE, Graham R.; AUJOLET, Kevin; BESSIERE, Kevin; BOVET, Simon; CIRCLAEYS, Eric M.G.; DELLINGER, Richard R.; DEVINE, Lynne; DYE, Alan C.; GOBERA RUBALCAVA, Daniel E.; HIRMER, Benedikt; KARLSSON, Andreas; LEBLANC, Chelsea; LUCAS, Matthieu; MANZARI, Johnnie B.; RYAN, Nicole R.; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; SUZUKI, Gregg; TATARCHUK, Sergey and TITI, Justin

2022204465 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read DAVYDOV, Anton M.; KOO, Jane E.; MANZARI, Johnnie B.; PAUL, Grant R.; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre and WIERSEMA, Daniel J.

2022232414 **INVENTAGE LAB INC.** The nature of the amendment is: Amend the invention title to read SUSTAINED FORMULATION FOR PREVENTION OR TREATMENT OF AUTOIMMUNE DISEASE CONTAINING NALTREXONE AND METHOD USING SAME

2022235362 **CJ CHEILJEDANG CORPORATION** The nature of the amendment is: Amend the invention title to read Microorganism Of The Genus Corynebacterium For Producing L-Amino Acid And Method For Producing L-Amino Acid Using The Same

2022259134 **SHONAN GOSEI-JUSHI SEISAKUSHO K.K.** The nature of the amendment is: Amend the invention title to read PIPE REHABILITATION METHOD

2023

2023902305 **Escape Lures Pty Ltd** The nature of the amendment is: Amend the invention title to read FISHING FLY LURE FOR USE WITH A JIG HEAD

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

2016

2016347471 **UCB Biopharma Sprl** The name of the applicant has been altered to **UCB Biopharma SRL**

2017

2017413260 **Hospital Clínic de Barcelona; Institut d'Investigacions Biomèdiques Augusti Pi I Sunyer (IDIBAPS)** The name of the applicant has been altered to **Hospital Clínic de Barcelona; FUNDACIO DE RECERCA CLÍNIC BARCELONA-INSTITUT D'INVESTIGACIONS BIOMÈDIQUES AUGUST PI I SUNYER**

Amendments**2019**

2019338628 Ellegaarden R&D IVS The name of the applicant has been altered to **Ellegaarden R&D ApS**

2021

2021282122 SHENZHEN LINGFANG BIOTECH CO., LTD. The name of the applicant has been altered to **Wuxi Life Fountain Biotech Co., Ltd**

2022

2022902231 Lynamid Limited The name of the applicant has been altered to **Lynamid Pty Ltd**

2023

2023901752 DuluxGroup (Australia) Pty Ltd The name of the applicant has been altered to **The University of Sydney**

2023901841 Lynamid Limited The name of the applicant has been altered to **Lynamid Pty Ltd**

2023902425 Connection and Accountability with Chantelle Honey Empowerment The name of the applicant has been altered to **Honey, C.S.**

Applications Open to Public Inspection

Name Index

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

(71) 420 Tech Pty Ltd
 (11) AU-A-2023200476
 (21) 2023200476 (22) 30.01.2023
 (54) Handheld Apparatus for Cutting
 (51) Int. Cl.
B26D 1/44 (2006.01)
A24B 7/10 (2006.01)
B26D 5/08 (2006.01)
B26D 7/06 (2006.01)
 (31) 2022901776 (32) 27.06.22 (33) AU
 202220243483.8 29.01.22 CN
 (43) 17.08.2023
 (72) Woods, Ronan
 (74) Davies Collison Cave Pty Ltd

(71) A.R HAACK & C.L SCHMIDT
 (11) AU-A-2022200619
 (21) 2022200619 (22) 31.01.2022
 (54) Fall arrest anchor installation apparatus
 (51) Int. Cl.
E04G 21/32 (2006.01)
A62B 35/00 (2006.01)
 (43) 17.08.2023
 (72) Schmidt, Carly Leigh-Anne; Haack, Alexander Roland
 (74) FB Rice Pty Ltd

(71) ABC Tissue Holdings Pty Ltd
 (11) AU-A-2022200710
 (21) 2022200710 (22) 03.02.2022
 (54) Tissue carton with improved dispense opening
 (51) Int. Cl.
B65D 5/16 (2006.01)
B65D 5/72 (2006.01)
B65D 83/08 (2006.01)
 (43) 17.08.2023
 (72) NGAI, Sunny
 (74) FB Rice Pty Ltd

(71) Ab Initio Technology LLC
 (11) AU-A-2023208111
 (21) 2023208111 (22) 25.07.2023
 (54) DYNAMIC EXECUTION OF PARAMETERIZED APPLICATIONS FOR THE PROCESSING OF KEYED NETWORK DATA STREAMS
 (51) Int. Cl.
G06F 40/00 (2020.01)
 (43) 17.08.2023
 (62) 2022206687,2023200420
 (72) Ravid, Oded; Rossi, Larry Paul; Baxter, Peter; Gould, Joel
 (74) RnB IP Pty Ltd

(71) Accuvision Designs, LLC
 (11) AU-A-2023200282
 (21) 2023200282 (22) 19.01.2023

(54) OPHTHALMIC MEDICAL INSTRUMENT WITH ILLUMINATED SNARE
 (51) Int. Cl.
A61F 9/007 (2006.01)
 (31) 17/590,081 (32) 01.02.22 (33) US
 (43) 17.08.2023
 (72) MACKOOL, Richard James; SMITH, Christopher Dean; JONES, Evan Rittenhouse; MACKOOL, Richard Jonathan
 (74) Golja Haines & Friend

(71) Adagene Inc.
 (11) AU-A-2023204604
 (21) 2023204604 (22) 12.07.2023
 (54) Anti-CTLA4 antibodies and methods of making and using the same
 (51) Int. Cl.
C07K 16/42 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/00 (2006.01)
 (43) 17.08.2023
 (62) 2019214188
 (72) LUO, Peter Peizhi; DU, Fangyong; PAN, Zhongzong; LIU, Guizhong
 (74) AJ PARK

(71) AGCO Corporation
 (11) AU-A-2022200954
 (21) 2022200954 (22) 11.02.2022
 (54) AGRICULTURAL IMPLEMENTS HAVING FOLDABLE MARKER ASSEMBLIES
 (51) Int. Cl.
A01B 69/02 (2006.01)
A01B 73/04 (2006.01)
A01B 73/06 (2006.01)
 (31) 63/267,392 (32) 01.02.22 (33) US
 (43) 17.08.2023
 (72) FANSHIER, Benjamin Anson
 (74) Griffith Hack

(71) Aizoon S.r.l.
 (11) AU-A-2023200261
 (21) 2023200261 (22) 19.01.2023
 (54) METHOD FOR THE PROGNOSIS OF A DISEASE FOLLOWING UPON A THERAPEUTIC TREATMENT, AND CORRESPONDING SYSTEM AND COMPUTER PROGRAM PRODUCT
 (51) Int. Cl.
G16H 50/30 (2018.01)
G06N 3/02 (2006.01)
G06N 20/10 (2019.01)
G16H 50/70 (2018.01)
 (31) 102022000001817 (32) 02.02.22 (33) IT
 (43) 17.08.2023
 (72) Manganaro, Lorenzo; Sabbatini, Gianmarco; Bianco, Selene; Cipollini,

(71) Anagnostopoulos, C.
 (11) AU-A-2023208180
 (21) 2023208180 (22) 27.07.2023
 (54) Intra-aortic balloon apparatus, assist devices and methods for improving

Francesca; Colombi, Davide; Vattakunnel, Shaji; Falco, Paolo
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alpha Tau Medical Ltd.
 (11) AU-A-2023208136
 (21) 2023208136 (22) 26.07.2023
 (54) Intratumoral alpha-emitter radiation and activation of cytoplasmic sensors for intracellular pathogen
 (51) Int. Cl.
A61K 31/4406 (2006.01)
A61K 31/706 (2006.01)
A61K 31/713 (2006.01)
A61K 51/12 (2006.01)
A61N 5/10 (2006.01)
A61P 35/00 (2006.01)
 (43) 17.08.2023
 (62) 2019370892
 (72) Domankevich, Vered; Keisari, Yona; Kelson, Itzhak
 (74) FPA Patent Attorneys Pty Ltd

(71) AMERICORP INVESTMENTS LLC
 (11) AU-A-2023208126
 (21) 2023208126 (22) 26.07.2023
 (54) BLOCKCHAIN-BASED COMMERCIAL INVENTORY SYSTEMS AND METHODS
 (51) Int. Cl.
G06Q 10/08 (2023.01)
 (43) 17.08.2023
 (62) 2021212039
 (72) Simons, Jordan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Amgen Inc.; Kite Pharma, Inc.
 (11) AU-A-2023208077
 (21) 2023208077 (22) 24.07.2023
 (54) Chimeric receptors and methods of use thereof
 (51) Int. Cl.
A61K 31/7068 (2006.01)
A61K 35/17 (2015.01)
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
 (43) 17.08.2023
 (62) 2020203990
 (72) Wiltzius, Jed; Alvarez Rodriguez, Ruben; Bakker, Alice; Arvedson, Tara; Wu, Lawren
 (74) FPA Patent Attorneys Pty Ltd

(71) Anagnostopoulos, C.
 (11) AU-A-2023208180
 (21) 2023208180 (22) 27.07.2023
 (54) Intra-aortic balloon apparatus, assist devices and methods for improving

Applications Open to Public Inspection - Name Index cont'd

flow, counterpulsation and haemodynamics
(51) Int. Cl.
A61M 1/10 (2006.01)
(43) 17.08.2023
(62) 2021201849
(72) ANAGNOSTOPOULOS, Constantinos
(74) Spruson & Ferguson

(71) Angel Group Co., Ltd.
(11) AU-A-2023200512
(21) 2023200512 **(22)** 31.01.2023
(54) MANAGEMENT SYSTEM

(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 2022-014290 **(32)** 01.02.22 **(33)** JP
(43) 17.08.2023
(72) Shigeta, Yasushi
(74) RnB IP Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2023208110
(21) 2023208110 **(22)** 25.07.2023
(54) FRAUD DETECTION SYSTEM IN CASINO

(51) Int. Cl.
G07C 11/00 (2006.01)
A47B 25/00 (2006.01)
G06T 7/00 (2017.01)

(43) 17.08.2023
(62) 2021209177
(72) Shigeta, Yasushi
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2023208169
(21) 2023208169 **(22)** 27.07.2023
(54) User interfaces for sharing contextually relevant media content

(51) Int. Cl.
G06F 3/0484 (2022.01)

(43) 17.08.2023
(62) 2022200514
(72) Devine, Lynne; Sorrentino III, William A.; Suzuki, Gregg; Brandt, Michael; Circlaeyes, Eric M.G.; Leblanc, Chelsea; Wingfors, Joar

(74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2023208199
(21) 2023208199 **(22)** 28.07.2023
(54) A GAMING SYSTEM AND A METHOD OF MONITORING A GAMING DEVICE

(51) Int. Cl.
A63F 9/24 (2006.01)

(43) 17.08.2023
(62) 2021203065
(72) MCKAY, Linn Anthony
(74) Griffith Hack

(71) Ascendis Pharma A/S
(11) AU-A-2023208198
(21) 2023208198 **(22)** 28.07.2023

(54) Front loaded auto injector for administering a medicament

(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)

(43) 17.08.2023
(62) 2021202767
(72) FABRICIUS, Paul Erik; OLESEN, Jan; JENSEN, Steen; EGESBORG, Henrik; PEDERSEN, Per Molgaard
(74) Spruson & Ferguson

(71) Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH

(11) AU-A-2023208203
(21) 2023208203 **(22)** 28.07.2023
(54) ANTIBODIES USEFUL IN CANCER DIAGNOSIS

(51) Int. Cl.
C07K 16/28 (2006.01)

(43) 17.08.2023
(62) 2018327587
(72) Mitnacht-Kraus, Rita; Wöll, Stefan; Walter, Korden; Türeci, Özlem; Sahin, Ugur
(74) PHILLIPS ORMONDE FITZPATRICK

(71) AstraZeneca AB; Ionis Pharmaceuticals, Inc.

(11) AU-A-2023203779
(21) 2023203779 **(22)** 16.06.2023
(54) GLP-1 RECEPTOR LIGAND MOIETY CONJUGATED OLIGONUCLEOTIDES AND USES THEREOF

(51) Int. Cl.
C07K 14/535 (2006.01)
C12N 15/10 (2006.01)
C12N 15/64 (2006.01)

(43) 17.08.2023
(62) 2021240124
(72) Monia, Brett P.; Prakash, Thazha P.; Kinberger, Garth A.; Lee, Richard; Seth, Punit P.; Oestergaard, Michael; Nikan, Mehran; Andersson, Shalini; Ämmälä, Eva Carina; Knerr, Daniel Laurent; Öwegård-Halvarsson, Maria; Drury, III, William John; Valeur, Eric

(74) PHILLIPS ORMONDE FITZPATRICK

(71) AstraZeneca AB
(11) AU-A-2023210548
(21) 2023210548 **(22)** 31.07.2023

(54) METHODS OF TREATING HEART FAILURE WITH REDUCED EJECTION FRACTION WITH DAPAGLIFLOZIN

(51) Int. Cl.
A61K 31/70 (2006.01)
A61K 31/351 (2006.01)
A61K 45/06 (2006.01)
A61P 9/04 (2006.01)

(43) 17.08.2023
(62) 2021215150
(72) Langkilde, Anna Maria
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Aviana Molecular Technologies, LLC
(11) AU-A-2023208175
(21) 2023208175 **(22)** 27.07.2023

(54) Methods and apparatus for interfacing sensors with fluid materials

(51) Int. Cl.
H03H 9/02 (2006.01)
G01N 29/11 (2006.01)
H03H 9/145 (2006.01)

(43) 17.08.2023
(62) 2018297263
(72) LI, Mo-Huang
(74) Adams Pluck

(71) Beijing Baidu Netcom Science Technology Co., Ltd.

(11) AU-A-2022235536
(21) 2022235536 **(22)** 20.09.2022

(54) Quantum state processing method, computing device, computing apparatus and storage medium

(51) Int. Cl.
G06N 10/00 (2022.01)

(31) 202210105352.8 **(32)** 28.01.22 **(33)** CN
(43) 17.08.2023
(72) Fang, Kun; Wang, Xin
(74) Davies Collison Cave Pty Ltd

(71) Beijing Guanghe New Energy Technology Co., Ltd.

(11) AU-A-2023208202
(21) 2023208202 **(22)** 28.07.2023
(54) Catalyst compositions and methods for producing long-chain hydrocarbon molecules

(51) Int. Cl.
B01J 23/00 (2006.01)

(43) 17.08.2023
(62) 2018454447
(72) WANG, Cong
(74) Spruson & Ferguson

(71) Binary Beer Pty Ltd

(11) AU-A-2023208207
(21) 2023208207 **(22)** 28.07.2023

(54) Non-invasive attachable smart device housings and smart device methods and systems for beverage containers

(51) Int. Cl.
B67D 1/08 (2006.01)

B65D 25/20 (2006.01)
B65D 81/02 (2006.01)
B67D 7/14 (2010.01)
G01B 11/02 (2006.01)
G01B 11/14 (2006.01)
G01S 17/08 (2006.01)
G16Y 20/10 (2020.01)
H04W 4/02 (2018.01)
H04W 4/80 (2018.01)

(43) 17.08.2023
(62) 2022200719
(72) BURTON, Michael Edwin; ES-DAILE-WATTS, Edward Ellis
(74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

(71) Biofire Defense, LLC.; Biofire Diagnostics, LLC.
 (11) AU-A-2023210526
 (21) 2023210526 (22) 31.07.2023
 (54) Self-Container Nucleic Acid Processing
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 C12P 19/34 (2006.01)
 (43) 17.08.2023
 (62) 2017302615
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 A61K 31/4439 (2006.01)
 A61K 31/675 (2006.01)
 A61P 9/10 (2006.01)
 A61P 31/12 (2006.01)
 A61P 37/04 (2006.01)
 A61P 37/06 (2006.01)
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 A47L 11/34 (2006.01)
 A47L 7/02 (2006.01)
 A47L 11/18 (2006.01)
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 A47L 11/40 (2006.01)
 A47L 13/26 (2006.01)
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 B09B 3/65 (2022.01)
 C02F 11/04 (2006.01)
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 C12Q 1/68 (2018.01)
 C07H 21/04 (2006.01)
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 A61K 31/505 (2006.01)
 A61K 31/506 (2006.01)
 A61P 31/00 (2006.01)
 C07H 19/06 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2023200290

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 E21C 41/32 (2006.01)
 A01G 25/02 (2006.01)
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B01D 15/00 (2006.01)
B01D 37/02 (2006.01)
B01J 20/10 (2006.01)
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A01B 63/00 (2006.01)
G01B 11/26 (2006.01)
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A01C 7/08 (2006.01)
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B05B 13/00 (2006.01)
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A61N 1/36 (2006.01)
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A63B 24/00 (2006.01)
A63B 21/00 (2006.01)
A63B 21/005 (2006.01)
A63B 71/02 (2006.01)
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A61M 29/02 (2006.01)
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A61K 39/395 (2006.01)
A61K 31/542 (2006.01)
A61P 25/28 (2006.01)
C07K 14/47 (2006.01)
C07K 16/18 (2006.01)
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C08L 83/04 (2006.01)
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G06N 10/00 (2022.01)
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(74) PIPERS

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G06F 16/14 (2019.01)
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G06Q 20/40 (2012.01)
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(72) COOPER, Simon
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(54) METHOD OF DETECTING ERRORS IN THE CONNECTIONS IN A HUMIDIFICATION SYSTEM
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A61M 16/16 (2006.01)
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G07C 9/37 (2020.01)
G06Q 10/02 (2012.01)
G06V 40/10 (2022.01)
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E04F 15/02 (2006.01)
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G06F 16/29 (2019.01)
G06Q 50/00 (2012.01)
H04W 4/021 (2018.01)
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(74) A.P.T. Patent and Trade Mark Attorneys

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G06F 3/16 (2006.01)
H04N 19/167 (2014.01)
H04N 21/218 (2011.01)
H04N 21/442 (2011.01)
H04N 21/4728 (2011.01)
H04N 21/81 (2011.01)
H04N 21/845 (2011.01)
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G16H 10/60 (2018.01)

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F23J 13/00 (2006.01)
F22B 37/06 (2006.01)
(31) 22154937.1 **(32)** 03.02.22 **(33)** EP
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(72) MANGIN, Etienne Marie Luc; MERCHANT, Laxmikant
(74) PHILLIPS ORMONDE FITZPATRICK

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C12Q 1/686 (2018.01)
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(71) GeoRoc International, Inc.
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G21F 9/30 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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G06N 99/00 (2019.01)

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(71) Halkey-Roberts Corporation
 (11) AU-A-2023208151
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 (54) Medical Luer connector
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A61M 5/14 (2006.01)
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C07K 7/08 (2006.01)
A61K 47/42 (2017.01)
C12N 15/13 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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G01N 27/02 (2006.01)
C02F 1/467 (2023.01)
C02F 1/76 (2023.01)
E04H 4/16 (2006.01)
G01N 27/06 (2006.01)
G01N 27/07 (2006.01)
G01N 27/08 (2006.01)
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G02B 27/09 (2006.01)
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 (72) HUO, Yongfeng; CAI, Dengke
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A61N 1/04 (2006.01)
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E05B 15/00 (2006.01)
B65F 1/16 (2006.01)
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A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
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 (21) 2023200290

(71) Hydrobe Pty Ltd
 (11) AU-A-2023208096
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C01B 3/02 (2006.01)
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 (11) AU-A-2023208112
 (21) 2023208112 (22) 26.07.2023
 (54) SYSTEM FOR SEAMLESSLY TRACKING A WATER VESSEL USING SATELLITE AND MOBILE DATA
 (51) Int. Cl.
G01S 19/45 (2010.01)
B63B 49/00 (2006.01)
G08G 3/00 (2006.01)
H04B 7/185 (2006.01)
 (43) 17.08.2023
 (62) 2021328131
 (72) BENNETT, Christopher Ryan
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2023208153
 (21) 2023208153 (22) 27.07.2023
 (54) Threaded fastener
 (51) Int. Cl.
F16B 25/00 (2006.01)
 (43) 17.08.2023
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023208074
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 (54) HYDROGEL BEADS FOR NUCLEOTIDE SEQUENCING
 (51) Int. Cl.
 C12Q 1/6806 (2018.01)
 (43) 17.08.2023
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 (74) WRAYS PTY LTD
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- (71) Instrumentation Laboratory Company
 (11) AU-A-2023200337
 (21) 2023200337 (22) 23.01.2023
 (54) IDENTIFYING DIRECT ORAL FACTOR XA INHIBITORS
 (51) Int. Cl.
 G01N 33/94 (2006.01)
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 (31) 63/304,923 (32) 31.01.22 (33) US
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 (72) Schwaiger, Martin; Kholmukhamedov, Andaleb; Bottenus, Ralph
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) InterDigital VC Holdings, Inc.
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 (21) 2023208181 (22) 27.07.2023
 (54) Generalized bi-prediction and weighted prediction
 (51) Int. Cl.
 H04N 19/503 (2014.01)
 H04N 19/51 (2014.01)
 H04N 19/577 (2014.01)
 H04N 19/70 (2014.01)
 (43) 17.08.2023
 (62) 2019354653
 (72) BORDES, Philippe; LELEANNEC, Fabrice; POIRIER, Tangi; DE LAGRANGE, Philippe
 (74) FB Rice Pty Ltd
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- (71) International Paper Company
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 (21) 2023208183 (22) 27.07.2023
 (54) Odor-Control Absorbent Materials and Absorbent Articles and Related Methods and Use and Methods of Making
 (51) Int. Cl.
 A61L 15/20 (2006.01)
 (43) 17.08.2023
 (62) 2020250314
 (72) Schoolfield, Mary Virginia; West, Hugh
 (74) Griffith Hack
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- (71) Intuit Inc.
 (11) AU-A-2022203693
 (21) 2022203693 (22) 31.05.2022
 (54) Generation of conversational task completion structure
 (51) Int. Cl.
 G06F 3/00 (2006.01)
 G06F 40/00 (2020.01)
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 (43) 17.08.2023
 (72) Chatterjee, Shreeshankar; Osmon, Cynthia Joann; Moise, Daniel; Fung, Tracy; Thomas, Vijay; Webb, Jason Michael
 (74) Davies Collison Cave Pty Ltd
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 (54) System and method for reference validation of spreadsheets
 (51) Int. Cl.
 G06F 21/62 (2013.01)
 G06F 16/93 (2019.01)
 G06Q 10/06 (2012.01)
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- (71) Intuit Inc.
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 (54) Graphical user interface for conversational task completion
 (51) Int. Cl.
 G06F 3/04895 (2022.01)
 G06F 16/36 (2019.01)
 G06F 17/40 (2006.01)
 G06F 40/30 (2020.01)
 G06N 5/02 (2006.01)
 G06Q 10/06 (2012.01)
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 (43) 17.08.2023
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 (74) Davies Collison Cave Pty Ltd
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 (51) Int. Cl.
 G06Q 30/02 (2012.01)
 G06F 16/21 (2019.01)
 H04L 12/54 (2022.01)
 H04L 45/00 (2022.01)
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 (54) End to end trainable document extraction
 (51) Int. Cl.
 G06T 7/00 (2017.01)
 G06N 20/00 (2019.01)
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 (43) 17.08.2023
 (72) Rossi, Dominic Miguel; Xiao, Xiao
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- (71) Intuit Inc.
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 (21) 2022204702 (22) 30.06.2022
 (54) Multimodal multitask machine learning system for document intelligence tasks
 (51) Int. Cl.
 G06F 40/279 (2020.01)
 G06F 16/93 (2019.01)
 G06N 3/04 (2006.01)
 G06N 5/02 (2006.01)
 G06Q 40/00 (2012.01)
 (31) 17/589,370 (32) 31.01.22 (33) US
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 (72) Rimchala, Tharathorn; Frick, Peter Lee
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 (21) 2023203779
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- (71) Itron, Inc.
 (11) AU-A-2023208211
 (21) 2023208211 (22) 28.07.2023
 (54) Limiting forwarding of multicast communications
 (51) Int. Cl.
 H04L 12/18 (2006.01)
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 (72) BARTIER, Jerome; TAYLOR, James Laurence; NGUYEN, Viet-Hung
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- (71) JCM American Corporation
 (11) AU-A-2023208104
 (21) 2023208104 (22) 25.07.2023
 (54) CURRENCY TRACKING AND ACCOUNTING SYSTEMS
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 G06Q 20/10 (2012.01)
 G07D 11/30 (2019.01)
 G07F 19/00 (2006.01)
 (43) 17.08.2023
 (62) 2020279719
 (72) KUBAJAK, David C.
 (74) AJ PARK
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 (11) AU-A-2023208216
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(51) Int. Cl.
G06Q 10/00 (2023.01)
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(62) 2017308758
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(11) AU-A-2023208201
(21) 2023208201 (22) 28.07.2023
(54) COMPLETE VOLUME DRAINING OIL PAN AND DEVICE
(51) Int. Cl.
F01M 11/04 (2006.01)
F16L 43/00 (2006.01)
F16N 21/00 (2006.01)
F16N 31/00 (2006.01)
(43) 17.08.2023
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(72) Blundy, George
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- (71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2022227148
(21) 2022227148 (22) 05.09.2022
(54) ELECTROCHEMICAL REACTION DEVICE AND ELECTROCHEMICAL REACTION METHOD
(51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/19 (2021.01)
C25B 15/08 (2006.01)
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2022-118767 26.07.22 JP
(43) 17.08.2023
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(21) 2023208077
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- (71) Lawrence Livermore National Security, LLC; The Regents of The University of California
(11) AU-A-2023208163
(21) 2023208163 (22) 27.07.2023
(54) System and method for computed axial lithography (CAL) for 3D additive manufacturing
(51) Int. Cl.
B29C 64/106 (2017.01)
B29C 64/264 (2017.01)
B29C 64/393 (2017.01)
B33Y 30/00 (2015.01)
B33Y 40/00 (2020.01)
B33Y 50/02 (2015.01)
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(74) Oxygene IP
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(21) 2023208105 (22) 25.07.2023
(54) Immunoreactant carrier
(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 38/20 (2006.01)
A61K 38/21 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
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(62) 2019317939
(72) WON, Cheol Hee
(74) FB Rice Pty Ltd
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(21) 2023200438 (22) 27.01.2023
(54) REFRIGERATOR
(51) Int. Cl.
F25D 17/08 (2006.01)
F25D 21/04 (2006.01)
F25D 23/06 (2006.01)
(31) 10-2022-0013687 (32) 28.01.22 (33) KR
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(74) Dentons Patent Attorneys Australasia Limited
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(21) 2023208097 (22) 25.07.2023
(54) Refrigerator
(51) Int. Cl.
F25D 11/04 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 11/00 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
(43) 17.08.2023
(62) 2019355691
(72) LEE, Donghoon; LEE, Donghoon; LEE, Wookyong; YEOM, Seungseob; BAE, Yongjun; SON, Sunggyun; PARK, Chongyoung
(74) Dentons Patent Attorneys Australasia Limited
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- (71) LG Electronics Inc.
(11) AU-A-2023208100
(21) 2023208100 (22) 25.07.2023
(54) Refrigerator
(51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
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- (71) LG Electronics Inc.
(11) AU-A-2023208102
(21) 2023208102 (22) 25.07.2023
(54) Refrigerator
(51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/10 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
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(62) 2019352422
(72) LEE, Donghoon; LEE, Wookyong; SON, Sunggyun; LEE, Donghoon; YEOM, Seungseob; BAE, Yongjun; PARK, Chongyoung
(74) Dentons Patent Attorneys Australasia Limited
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- (71) LG Electronics Inc.
(11) AU-A-2023208106
(21) 2023208106 (22) 25.07.2023
(54) Laundry treating apparatus
(51) Int. Cl.
D06F 58/10 (2006.01)
D06F 35/00 (2006.01)
D06F 58/20 (2006.01)
D06F 71/29 (2006.01)
(43) 17.08.2023
(62) 2019380202
(72) KIM, Jaehyung; JANG, Semin
(74) FB Rice Pty Ltd
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(11) AU-A-2023208132
(21) 2023208132 (22) 26.07.2023
(54) METHOD AND DEVICE FOR SIGNALING INFORMATION ON CHROMA FORMAT
(51) Int. Cl.
H04N 19/593 (2014.01)
H04N 19/132 (2014.01)
H04N 19/157 (2014.01)
H04N 19/186 (2014.01)
H04N 19/42 (2014.01)
H04N 19/70 (2014.01)
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(72) LI, Ling; LIM, Jaehyun; HEO, Jin; NAM, Junghak
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 (11) AU-A-2023208134
 (21) 2023208134 (22) 26.07.2023
 (54) TRANSFORM IN INTRA PREDIC-
 TION-BASED IMAGE CODING
 (51) Int. Cl.
H04N 19/159 (2014.01)
H04N 19/119 (2014.01)
H04N 19/132 (2014.01)
H04N 19/18 (2014.01)
H04N 19/593 (2014.01)
H04N 19/70 (2014.01)
 (43) 17.08.2023
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 (72) NAM, Junghak; LIM, Jaehyun; KOO,
 Moonmo; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia
 Limited

(71) LG Electronics Inc.
 (11) AU-A-2023208173
 (21) 2023208173 (22) 27.07.2023
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
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 YEOM, Seungseob; BAE, Yongjun;
 PARK, Chongyoung
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 Limited

(71) LG Electronics Inc.
 (11) AU-A-2023208188
 (21) 2023208188 (22) 27.07.2023
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
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 (62) 2019352424
 (72) LEE, Donghoon; LEE, Wookyong;
 SON, Sunggyun; LEE, Donghoon;
 YEOM, Seungseob; BAE, Yongjun;
 PARK, Chongyoung
 (74) Dentons Patent Attorneys Australasia
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(71) Locus Robotics Corp.
 (11) AU-A-2023206158
 (21) 2023206158 (22) 20.07.2023
 (54) ROBOT GAMIFICATION FOR IM-
 PROVEMENT OF OPERATOR PER-
 FORMANCE
 (51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/08 (2023.01)

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 (62) 2020210796
 (72) JOHNSON, Michael Charles; JOHN-
 SON, Sean; JAQUEZ, Luis; WELTY,
 Bruce; LEAVITT, Karen
 (74) Raven IP

(71) Locus Robotics Corp.
 (11) AU-A-2023210520
 (21) 2023210520 (22) 31.07.2023
 (54) Tote induction in warehouse order fulfill-
 ment operations
 (51) Int. Cl.
G06Q 10/08 (2023.01)
G06Q 50/28 (2012.01)

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 Bruce; JOHNSON, Sean; JAQUEZ, Lu-
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(71) MAKO Surgical Corp.
 (11) AU-A-2023208089
 (21) 2023208089 (22) 25.07.2023
 (54) Systems and methods for surgical re-
 gistration
 (51) Int. Cl.
A61B 5/00 (2006.01)

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 (62) 2020232318
 (72) WU, Zhu; THOMPSON, Matthew; MIT-
 TELSTADT, Brent; ELBANNA, Jamil
 (74) FB Rice Pty Ltd

(71) Mares S.p.A.
 (11) AU-A-2023200426
 (21) 2023200426 (22) 27.01.2023
 (54) Thermo-containing bathing suit
 (51) Int. Cl.
A41D 7/00 (2006.01)
A41D 31/02 (2019.01)
 (31) 102022000001529 (32) 31.01.22 (33) IT
 (43) 17.08.2023
 (72) LORENZI, Giorgia
 (74) Griffith Hack

McCaffrey, S.M. see Meyers, A.
 (21) 2022200728

(71) Medtronic, Inc.
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 (21) 2023200470 (22) 30.01.2023
 (54) Integrated sleep apnea and at least one
 of cardiac monitoring and cardiac ther-
 apy
 (51) Int. Cl.
A61N 1/365 (2006.01)
A61N 1/05 (2006.01)
 (31) 18/068,932 (32) 20.12.22 (33) US
 63/306,367 03.02.22 US
 (43) 17.08.2023
 (72) SCHEINER, Avram; SCHULHAUSER,
 Randal; DOLAN, Becky
 (74) FB Rice Pty Ltd

(71) Metrocorp Finance Pty Ltd
 (11) AU-A-2022268360
 (21) 2022268360 (22) 10.11.2022
 (54) Donation Method and System
 (51) Int. Cl.
G06Q 20/06 (2012.01)
G06Q 20/04 (2012.01)
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G06Q 20/40 (2012.01)
 (31) 2022900194 (32) 02.02.22 (33) AU
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 (72) Brooking, Richard
 (74) Metrocorp Finance Pty Ltd

(71) Meyers, A.; McCaffrey, S.M.; Haggart,
 E.T.G.
 (11) AU-A-2022200728
 (21) 2022200728 (22) 03.02.2022
 (54) Nasal spray formula for the prevention
 of contracting COVID19 and DELTA
 and Omnicom.
 (51) Int. Cl.
A61K 35/644 (2015.01)
A61K 9/00 (2006.01)
A61K 31/352 (2006.01)
A61P 31/14 (2006.01)
 (43) 17.08.2023
 (72) Meyers, Alicia
 (74) Alicia Gemma Eileen Meyers

(71) Miles, S.
 (11) AU-A-2023208161
 (21) 2023208161 (22) 27.07.2023
 (54) WHEEL CARRIER
 (51) Int. Cl.
B62D 43/02 (2006.01)
B62D 43/00 (2006.01)
 (43) 17.08.2023
 (62) 2021202680
 (72) Miles, Shane
 (74) Ahearn Fox

(71) Mitsubishi Electric Corporation
 (11) AU-A-2023208167
 (21) 2023208167 (22) 27.07.2023
 (54) Rotor, electric motor, compressor, and
 air conditioner
 (51) Int. Cl.
H02K 1/27 (2022.01)
 (43) 17.08.2023
 (62) 2019455656
 (72) MASUKO, Tomoki; MATSUOKA, At-
 sushu
 (74) Griffith Hack

(71) ModernaTX, Inc.
 (11) AU-A-2023208200
 (21) 2023208200 (22) 28.07.2023
 (54) MODIFIED RNA ENCODING VEGF-A
 POLYPEPTIDES, FORMULATIONS,
 AND USES RELATING THERETO
 (51) Int. Cl.
C07K 14/52 (2006.01)
A61K 31/7088 (2006.01)
A61K 39/00 (2006.01)
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 (62) 2017277277
 (72) Parinder, Leif Karlsson; Fritsche Danielson, Regina Desirée; Hansson, Kenny Mikael; Gan, Li Ming; Clarke, Jonathan; Egnell, Ann-Charlotte Eva; Chien, Kenneth Randall
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Nkisu Pty. Ltd; Chisengantambu-Winters, C.

(11) AU-A-2022200692
 (21) 2022200692 (22) 02.02.2022
 (54) Healthy Herbal-Style Tea to Avert Colds, 'Flu and Sore Throats and Promote Wellbeing

(51) Int. Cl.
A23F 3/34 (2006.01)
A61K 9/00 (2006.01)
A61K 36/185 (2006.01)
A61K 36/484 (2006.01)
A61K 36/534 (2006.01)
A61K 36/752 (2006.01)
A61K 36/79 (2006.01)
A61K 36/8962 (2006.01)
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A61P 39/06 (2006.01)

(43) 17.08.2023
 (72) Chisengantambu-Winters, Christine
 (74) Nkisu Pty. Ltd

(71) NKT HV Cables AB
 (11) AU-A-2023200343
 (21) 2023200343 (22) 23.01.2023
 (54) HVDC power cable multi-branch joint assembly

(51) Int. Cl.
H01B 9/00 (2006.01)
H01B 7/02 (2006.01)
H01B 7/10 (2006.01)

(31) 22154337.4 (32) 31.01.22 (33) EP
 (43) 17.08.2023
 (72) GUSTAFSSON, Kristian; HANSSON, Ola; KARATSIVOS, Evripidis; ANTONISCHKI, Jörn
 (74) Griffith Hack

(71) Northwest Biotherapeutics, Inc.
 (11) AU-A-2023208190
 (21) 2023208190 (22) 27.07.2023
 (54) METHODS RELATING TO ACTIVATED DENDRITIC CELL COMPOSITIONS AND IMMUNOTHERAPEUTIC TREATMENTS FOR SUBJECTS WITH ADVANCED CANCERS

(51) Int. Cl.
C12N 5/0784 (2010.01)
A61K 35/15 (2015.01)
C07K 14/525 (2006.01)
C07K 14/535 (2006.01)
C07K 14/54 (2006.01)
C07K 14/57 (2006.01)
C12N 5/02 (2006.01)

(43) 17.08.2023
 (62) 2016323066
 (72) Bosch, Marnix L.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Nozomi Networks Sagl
 (11) AU-A-2023200102
 (21) 2023200102 (22) 10.01.2023
 (54) Method for representing objects of a network in a GUI with a graph clustering
 (51) Int. Cl.

G06F 16/26 (2019.01)
G06F 3/0481 (2022.01)
G06T 11/20 (2006.01)
 (31) 17/591,504 (32) 02.02.22 (33) US
 (43) 17.08.2023
 (72) Di Francescantonio, Paolo; Cavallaro Corti, Alessandro; Carullo, Moreno; Carcano, Andrea
 (74) FPA Patent Attorneys Pty Ltd

(71) NTT DOCOMO, INC.
 (11) AU-A-2023208191
 (21) 2023208191 (22) 27.07.2023
 (54) Audio coding device, audio coding method, audio coding program, audio decoding device, audio decoding method, and audio decoding program

(51) Int. Cl.
G10L 19/005 (2013.01)
G10L 19/00 (2013.01)
G10L 19/09 (2013.01)
H03M 7/30 (2006.01)

(43) 17.08.2023
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(51) Int. Cl.
A61K 31/095 (2006.01)

(43) 17.08.2023
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 (74) Davies Collison Cave Pty Ltd

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 (54) LINEAR POLYFUNCTIONAL MULTIMER BIOMOLECULE COUPLED TO POLYUBIQUITIN LINKER AND USE THEREOF

(51) Int. Cl.
C12N 9/10 (2006.01)
C07K 1/14 (2006.01)
C07K 14/47 (2006.01)
G01N 33/535 (2006.01)

(43) 17.08.2023
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2023200447 (22) 27.01.2023
 (54) Filter assembly and method of manufacturing same

(51) Int. Cl.
G02B 7/00 (2021.01)
B01D 25/00 (2006.01)
B64G 1/66 (2006.01)
G01J 5/00 (2022.01)
G02B 5/20 (2006.01)

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 (43) 17.08.2023
 (72) SCHNIERLE, Patrick; GEISMAYR, Laura; ECKERT, Dominik; KAMPF, Dirk
 (74) Griffith Hack

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 (21) 2023200431 (22) 27.01.2023
 (54) JOINT BALANCING
 (51) Int. Cl.
A61B 5/11 (2006.01)

(31) 63/305,323 (32) 01.02.22 (33) US
 (43) 17.08.2023
 (72) Verstraete, Matthias
 (74) Actuate Patents

(71) Osmose Utilities Services, Inc.
 (11) AU-A-2023200549
 (21) 2023200549 (22) 02.02.2023
 (54) SYSTEMS AND METHODS FOR UTILITY POLE LOADING AND/OR CLEARANCE ANALYSES

(51) Int. Cl.
G01S 17/89 (2020.01)
G01C 11/02 (2006.01)
G01C 11/04 (2006.01)
G06T 7/521 (2017.01)
G06V 20/64 (2022.01)

(31) 17/591,988 (32) 03.02.22 (33) US
 (43) 17.08.2023
 (72) Messenger, Mark E.; More, Randal K.; Ware, John
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) People Center, Inc.
 (11) AU-A-2023200448
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 (54) Providing triggers based on one-to-many or many-to-one relationships in a system of record

(51) Int. Cl.
G06F 16/901 (2019.01)
G06Q 10/10 (2023.01)
G06Q 30/01 (2023.01)
G06Q 50/10 (2012.01)

(31) 17/587,672 (32) 28.01.22 (33) US

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 (21) 2023208197 (22) 28.07.2023
 (54) System and method of counting live-stock
 (51) Int. Cl.
G06N 3/08 (2023.01)
G01S 17/87 (2020.01)
G06N 3/02 (2006.01)
G06N 10/20 (2022.01)
G06V 40/10 (2022.01)
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 (54) NETWORK FOR MEDICAL IMAGE ANALYSIS, DECISION SUPPORT SYSTEM, AND RELATED GRAPHICAL USER INTERFACE (GUI) APPLICATIONS
 (51) Int. Cl.
G16H 30/40 (2018.01)
A61B 6/03 (2006.01)
G06N 20/00 (2019.01)
G06T 7/00 (2017.01)
G16H 15/00 (2018.01)
G16H 50/20 (2018.01)
G16H 50/70 (2018.01)
- (43) 17.08.2023
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 (72) Baker, Mark R.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2023200588
 (21) 2023200588 (22) 04.02.2023
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 (51) Int. Cl.
E06B 9/01 (2006.01)
E06B 9/04 (2006.01)
- (31) 2022900205 (32) 03.02.22 (33) AU
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 (72) Blakemore, Beau
 (74) Stellar Law Pty Ltd
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 (54) APPARATUS FOR FEEDING LIVE-STOCK
 (51) Int. Cl.
A01K 1/10 (2006.01)
A01K 5/01 (2006.01)
- (43) 17.08.2023
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 (72) WALLACE, PHILLIP D.
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A61M 5/20 (2006.01)
A61M 5/142 (2006.01)
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- (71) ResMed Pty Ltd
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 (54) VENT ADAPTOR FOR A RESPIRATORY THERAPY SYSTEM
 (51) Int. Cl.
A61M 16/16 (2006.01)
- (43) 17.08.2023
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 (54) SYSTEMS AND METHODS FOR PIPELINE RISK MODELING
 (51) Int. Cl.
G06T 7/00 (2017.01)
F17D 5/02 (2006.01)
G01M 3/00 (2006.01)
G06N 3/00 (2023.01)
G06N 7/00 (2023.01)
G06N 20/00 (2019.01)
G06Q 10/20 (2023.01)
G06Q 50/06 (2012.01)
G06V 10/70 (2022.01)
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 (74) RnB IP Pty Ltd
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 (54) WATER HEATER CONTROLLER
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F24H 9/20 (2022.01)
H05B 1/02 (2006.01)
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 (51) Int. Cl.
H05B 47/185 (2020.01)
H02J 9/00 (2006.01)
H02J 13/00 (2006.01)
H04B 3/56 (2006.01)
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 (54) Novel therapy
 (51) Int. Cl.
A61K 31/00 (2006.01)
A61K 38/17 (2006.01)
A61P 13/02 (2006.01)
G01N 33/48 (2006.01)
- (43) 17.08.2023
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 (72) Svanborg, Catharina; Ambite, Ines
 (74) FPA Patent Attorneys Pty Ltd
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 (54) DAMPER SPRING SUPPORT AND VEHICLE AXLE HAVING THE SAME
 (51) Int. Cl.
B60G 13/00 (2006.01)
- (31) 202220246509.4 (32) 30.01.22 (33) CN
 (43) 17.08.2023
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 (74) ADASTRA IP PTY LTD
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 (54) SPLIT-TYPE HARD FRONT AXLE AND VEHICLE HAVING SAME
 (51) Int. Cl.
B60B 35/16 (2006.01)
B60B 35/00 (2006.01)
B62D 17/00 (2006.01)
- (31) 202220245524.7 (32) 30.01.22 (33) CN
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 (72) DU, Dehui; FU, Jia
 (74) MOHAN MURALI KODIVEL
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- (71) Shanghai Linghuo Trading Co., Ltd.
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 (21) 2023200138 (22) 11.01.2023

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(51) Int. Cl.
B60B 35/16 (2006.01)
B60B 35/00 (2006.01)
B62D 17/00 (2006.01)
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(21) 2023208118 (22) 26.07.2023
(54) SYSTEM, DEVICE AND METHOD FOR PROVIDING PASSENGER OR USER INFORMATION
(51) Int. Cl.
G06F 21/10 (2013.01)
H04W 12/08 (2021.01)
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(72) O'Sullivan, Kevin; Peters, Jim
(74) Griffith Hack
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G07F 17/32 (2006.01)
A63F 9/24 (2006.01)
A63F 13/795 (2014.01)
G06F 3/048 (2013.01)
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(54) DRIVING DEVICES AND METHODS FOR DETERMINING MATERIAL STRENGTH IN REAL-TIME
(51) Int. Cl.
A61B 17/16 (2006.01)
G01L 3/08 (2006.01)
G01L 3/10 (2006.01)
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(51) Int. Cl.
A61N 1/32 (2006.01)
A61B 5/01 (2006.01)
A61B 5/053 (2021.01)
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A61B 5/279 (2021.01)
A61B 5/307 (2021.01)
A61N 1/05 (2006.01)
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17/984,039 09.11.22 US
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A41D 13/00 (2006.01)
A41D 13/015 (2006.01)
A41D 31/08 (2019.01)
A62B 17/00 (2006.01)
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(54) APPARATUS AND METHOD FOR SEPARATING FLUID
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B01L 3/00 (2006.01)
B01D 43/00 (2006.01)
F04B 43/09 (2006.01)
G01N 33/48 (2006.01)
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(54) Smart sprayer for precision agriculture
(51) Int. Cl.
A01M 7/00 (2006.01)
B05B 1/28 (2006.01)
B05B 1/34 (2006.01)
B05B 13/00 (2006.01)
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- (71) SunMed Group Holdings, LLC.
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(21) 2023208155 (22) 27.07.2023
(54) Suction catheter adaptor
(51) Int. Cl.
A61M 16/04 (2006.01)
A61M 1/00 (2006.01)
A61M 16/08 (2006.01)
A61M 16/20 (2006.01)
A61M 25/01 (2006.01)
F16K 15/00 (2006.01)
A61M 39/10 (2006.01)
A61M 39/24 (2006.01)
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C12Q 1/6886 (2018.01)
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(54) METHOD AND SYSTEM FOR ENABLING ASSORTMENT TOOL AND INTEGRATION OF APPLICATIONS FOR HYPER LOCALIZATION
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G06Q 10/04 (2012.01)
G06F 3/01 (2006.01)
G06F 16/90 (2019.01)
G06Q 30/06 (2012.01)
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E04C 2/288 (2006.01)
E04C 2/06 (2006.01)
E04C 2/30 (2006.01)
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(72) Tchumtcha Wembe, Paulin
(74) Paulin Tchumtcha Wembe
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(54) IMPACT DETECTION SYSTEM
(51) Int. Cl.
B60R 21/013 (2006.01)
G01P 15/135 (2006.01)
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(72) Da Costa, Ildio Gouveia; Godber, Anthony Michael; Wallis, David; Shurmer, Matthew; Nicholson, Paul; Topham, Gareth; Pearman, Richard; Knight, Peter
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(11) AU-A-2023200381

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 (54) Robotic garden tool
 (51) Int. Cl.
A01D 34/00 (2006.01)
A01D 34/63 (2006.01)
A01D 34/78 (2006.01)
 (31) 63/305,044 (32) 31.01.22 (33) US
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 (74) Spruson & Ferguson

(71) Techtronic Cordless GP
 (11) AU-A-2023200508
 (21) 2023200508 (22) 31.01.2023
 (54) Robotic garden tool with manual blade height adjustment and movable blade guard
 (51) Int. Cl.
A01D 34/00 (2006.01)
A01D 34/74 (2006.01)
A01D 34/78 (2006.01)
 (31) 63/305,048 (32) 31.01.22 (33) US
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 (54) METHOD FOR SIGNALING OUTPUT SUBPICTURE LAYER SET
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H04N 9/75 (2006.01)
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 (54) Method and apparatus for encoding or decoding video data, and computer-readable storage medium
 (51) Int. Cl.
H04N 13/00 (2018.01)
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 (21) 2023200455 (22) 27.01.2023
 (54) LOCKING ROTOR ROTATION DEVICE
 (51) Int. Cl.
B02C 13/30 (2006.01)
B02C 4/42 (2006.01)
B02C 13/31 (2006.01)
 (31) 2201246.2 (32) 31.01.22 (33) GB
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 (54) GENOME EDITING OF HUMAN NEURAL STEM CELLS USING NUCLEASES
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C12N 15/09 (2006.01)
A61K 35/30 (2015.01)
A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)
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C12N 5/0797 (2010.01)
C12N 15/90 (2006.01)
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A23L 33/175 (2016.01)
A61K 31/198 (2006.01)
C12P 13/12 (2006.01)
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 (54) System and method for extracting light using fibers
 (51) Int. Cl.
B60Q 3/66 (2017.01)
B64D 47/02 (2006.01)
F21S 41/141 (2018.01)
F21S 41/24 (2018.01)
F21V 8/00 (2006.01)
G02B 6/26 (2006.01)
 (31) 17/649,198 (32) 28.01.22 (33) US
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 (72) VARGHESE, Sijo; HUNT, Jeffrey H.
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(71) The Coca-Cola Company
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 (54) BIO-BASED POLYETHYLENE TEREPHTHALATE POLYMER AND METHOD OF MAKING THE SAME
 (51) Int. Cl.
C08G 63/183 (2006.01)
C08G 63/06 (2006.01)

C08G 63/19 (2006.01)
C08G 63/91 (2006.01)
C08L 3/00 (2006.01)
C08L 67/03 (2006.01)
C08L 67/04 (2006.01)
C08L 93/00 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2023208214
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 (54) PROCESSING QUARANTINED MATERIALS
 (51) Int. Cl.
C10B 57/02 (2006.01)
C10B 49/04 (2006.01)
C10B 53/02 (2006.01)
C10J 3/00 (2006.01)
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 (51) Int. Cl.
C12N 15/11 (2006.01)
C12N 9/16 (2006.01)
C12N 9/22 (2006.01)
C12N 15/62 (2006.01)
C12N 15/63 (2006.01)
C12N 15/79 (2006.01)
C12N 15/90 (2006.01)
C12Q 1/68 (2018.01)
 (43) 17.08.2023
 (62) 2017302551
 (72) Joung, J. Keith; Kleinstiver, Benjamin
 (74) RnB IP Pty Ltd

(71) The NOCO Company
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 (54) JUMP STARTING DEVICE WITH ENHANCED (TURBO) BOOST MODE
 (51) Int. Cl.
H02J 7/00 (2006.01)
F02N 11/14 (2006.01)
H02J 1/00 (2006.01)
H02J 7/04 (2006.01)
H02J 7/14 (2006.01)
 (43) 17.08.2023
 (62) 2021213039
 (72) NOOK, Jonathan Lewis; UNDERHILL, Derek Michael; STANFIELD, James Richard
 (74) Griffith Hack

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(21) 2023208163

(71) Thermodynamic Design, LLC
(11) AU-A-2023208090
(21) 2023208090 **(22)** 25.07.2023
(54) CUSTOMIZABLE DATA MANAGEMENT SYSTEM

(51) Int. Cl.
G06F 17/40 (2006.01)
G06Q 30/00 (2023.01)
(43) 17.08.2023
(62) 2021203449
(72) Christiansen, Bradley; Prabhu, Arvind; Vock, Michael
(74) PHILLIPS ORMONDE FITZPATRICK

(71) The University of British Columbia
(11) AU-A-2023208186
(21) 2023208186 **(22)** 27.07.2023
(54) DEVICES AND METHODS FOR CELLULAR SECRETION ANALYSIS

(51) Int. Cl.
C12Q 1/02 (2006.01)
B81B 1/00 (2006.01)
C12M 1/34 (2006.01)
C12Q 1/00 (2006.01)
G01N 33/483 (2006.01)
G01N 33/50 (2006.01)
G01N 33/52 (2006.01)
G01N 35/00 (2006.01)
G01N 35/10 (2006.01)
(43) 17.08.2023
(62) 2017233729
(72) Hansen, Carl Lars Genghis; Lisaingo, Kathleen; Lecault, Veronique
(74) PHILLIPS ORMONDE FITZPATRICK

(71) The Video Call Center, LLC
(11) AU-A-2023208123
(21) 2023208123 **(22)** 26.07.2023
(54) Video call center
(51) Int. Cl.
G09G 5/00 (2006.01)
(43) 17.08.2023
(62) 2021203218
(72) WOLZIEN, Thomas R.
(74) Spruson & Ferguson

(71) TLS Corp.
(11) AU-A-2023210544
(21) 2023210544 **(22)** 31.07.2023
(54) DISTRIBUTED AUDIO MIXING
(51) Int. Cl.
H04H 60/04 (2008.01)
(43) 17.08.2023
(62) 2020253755
(72) SHAY, Gregory F.; DYE, Robert; BLESSER, Barry
(74) DAVIS IP PTY LTD

(71) TMA Capital Australia Pty Ltd
(11) AU-A-2023208192
(21) 2023208192 **(22)** 27.07.2023

(54) System, method and computer program for an access control system
(51) Int. Cl.
G07C 9/00 (2020.01)
G07B 15/04 (2006.01)
(43) 17.08.2023
(62) 2021200084
(72) KARAM, Anthony; LALETIN, Gregory Alexandravich; WALSH, Kevin John
(74) Spruson & Ferguson

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(21) 2022227148

(71) Transderm Inc.
(11) AU-A-2023210542
(21) 2023210542 **(22)** 31.07.2023
(54) Delivery of botulinum with microneedle arrays
(51) Int. Cl.
A61M 37/00 (2006.01)
(43) 17.08.2023
(62) 2021266269
(72) Kaspar, Roger L.; Speaker, Tycho
(74) FB Rice Pty Ltd

(71) Trina Solar Co., Ltd.
(11) AU-A-2023208078
(21) 2023208078 **(22)** 24.07.2023
(54) Solar Cell And Preparation Method Thereof
(51) Int. Cl.
H01L 31/18 (2006.01)
H01L 31/0224 (2006.01)
(31) 202211333808.2 **(32)** 28.10.22 **(33)** CN
(43) 17.08.2023
(72) WANG, Zigang
(74) WRAYS PTY LTD

(71) Trina Solar Co., Ltd.
(11) AU-A-2023208080
(21) 2023208080 **(22)** 24.07.2023
(54) Solar Cell And Preparation Method Thereof
(51) Int. Cl.
H01L 31/0216 (2014.01)
H01L 31/0248 (2006.01)
H01L 31/054 (2014.01)
(31) 202211337692.X **(32)** 28.10.22 **(33)** CN
(43) 17.08.2023
(72) LI, Hongwei; MENG, Zibo; HUO, Tingting; YANG, Guangtao; ZHANG, Xueling; CHEN, Daming
(74) WRAYS PTY LTD

TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH see Astellas Pharma Inc.
(21) 2023208203

(71) University of Massachusetts
(11) AU-A-2023206109
(21) 2023206109 **(22)** 18.07.2023

(54) Branched oligonucleotides
(51) Int. Cl.
C12N 15/113 (2010.01)
(43) 17.08.2023
(62) 2017210726
(72) Khvorova, Anastasia; Hassler, Matthew; Alterman, Julia; Godinho, Bruno Miguel da Cruz
(74) FB Rice Pty Ltd

(71) Verisure Sàrl
(11) AU-A-2023206119
(21) 2023206119 **(22)** 18.07.2023
(54) SMOKE GENERATOR WITH DEFLECTOR
(51) Int. Cl.
G08B 15/02 (2006.01)
F41H 9/06 (2006.01)
(43) 17.08.2023
(62) 2022202186
(72) Noble Echeverria, Jon
(74) Dark IP

(71) Vertex Pharmaceuticals Incorporated
(11) AU-A-2023208222
(21) 2023208222 **(22)** 31.07.2023
(54) Methods of treatment for cystic fibrosis
(51) Int. Cl.
A61K 31/404 (2006.01)
A61K 31/443 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/47 (2006.01)
A61P 11/00 (2006.01)
(43) 17.08.2023
(62) 2018304168
(72) HASELTINE, Eric L.; MOSKOWITZ, Samuel; ROBERTSON, Sarah; WALTZ, David; CHEN, Weichao George
(74) AJ PARK

(71) ViaSat, Inc.
(11) AU-A-2023208093
(21) 2023208093 **(22)** 25.07.2023
(54) STEERING NETWORK TRAFFIC OVER MULTIPLE ACCESS NETWORKS
(51) Int. Cl.
H04L 41/00 (2022.01)
H04W 48/18 (2009.01)
H04W 88/06 (2009.01)
(43) 17.08.2023
(62) 2022200364
(72) Chandran, Girish
(74) Adams Pluck

(71) ViaSat, Inc.
(11) AU-A-2023208133
(21) 2023208133 **(22)** 26.07.2023
(54) CIRCUIT ARCHITECTURE FOR DISTRIBUTED MULTIPLEXED CONTROL AND ELEMENT SIGNALS FOR PHASED ARRAY ANTENNA
(51) Int. Cl.
H01Q 3/34 (2006.01)
H01Q 3/26 (2006.01)
H01Q 21/00 (2006.01)
H01Q 23/00 (2006.01)

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(43) 17.08.2023
(62) 2018415839
(72) BUER, Kenneth V.; LIPTON, Ronald S.; TRIPATHI, Ashitkumar J.
(74) Adams Pluck
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- (71)** VMware, Inc.
(11) AU-A-2023210524
(21) 2023210524 **(22)** 31.07.2023
(54) Virtual service networks
(51) Int. Cl.
H04L 69/16 (2022.01)
(43) 17.08.2023
(62) 2020225189
(72) BORDELEAU, Marc-Andre; KOM-MULA, Raja; TIDEMANN, Jeremy; POLYCHRONOPOULO, Constantine; CHOH, Edward; GUPTA, Ojas; OIKONOMOU, Georgio; KIDD, Robert
(74) FB Rice Pty Ltd
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- (71)** Voltu Motor, Inc.
(11) AU-A-2023204350
(21) 2023204350 **(22)** 06.07.2023
(54) Electric vehicle
(51) Int. Cl.
B60L 50/50 (2019.01)
B60L 15/20 (2006.01)
(43) 17.08.2023
(62) 2017338922
(72) Gebhart, Jorge Guillermo
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Westinghouse Air Brake Technologies Corporation
(11) AU-A-2023210306
(21) 2023210306 **(22)** 31.07.2023
(54) MULTI-VEHICLE BRAKING SYSTEM
(51) Int. Cl.
B60T 8/17 (2006.01)
B60T 13/66 (2006.01)
B60T 17/22 (2006.01)
B61H 13/34 (2006.01)
(43) 17.08.2023
(62) 2021240159
(72) Wolf, Charles L.; Haas, Carl L.; Henniges, Benjamin; Uehling, Mark
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** WestRock Shared Services, LLC
(11) AU-A-2023200481
(21) 2023200481 **(22)** 30.01.2023
(54) Machine and methods for forming, erecting, and loading a pouch with a product
(51) Int. Cl.
B65B 43/16 (2006.01)
B65B 7/02 (2006.01)
(31) 17/589,645 **(32)** 31.01.22 **(33)** US
(43) 17.08.2023
(72) MAGNELL, Greg P.; SONNENBERG, Jon; WILLERS, Jeffrey; DITTEL, Dennis Lee
(74) Spruson & Ferguson
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- (71)** Wheeler, D.
(11) AU-A-2023200349
(21) 2023200349 **(22)** 23.01.2023
(54) Compact gym equipment apparatus
(51) Int. Cl.
A63B 21/078 (2006.01)
A63B 17/04 (2006.01)
A63B 21/072 (2006.01)
(31) 2022900162 **(32)** 31.01.22 **(33)** AU
(43) 17.08.2023
(72) Wheeler, Daniel
(74) Patentec Patent Attorneys
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- (71)** Yaacoub, B.
(11) AU-A-2022200579
(21) 2022200579 **(22)** 28.01.2022
(54) Method for Preparing Black/Milkless Latte
(51) Int. Cl.
A23F 5/24 (2006.01)
A47J 31/24 (2006.01)
(43) 17.08.2023
(72) Yaacoub, Bassem
(74) Sabelberg Morcos Lawyers
-
- (71)** Yan, P.
(11) AU-A-2023200353
(21) 2023200353 **(22)** 23.01.2023
(54) RAPAMYCIN (RAPA) SELF-MI-CROEMULSIFYING INJECTION AND PREPARATION METHOD AND USE THEREOF
(51) Int. Cl.
A61K 31/436 (2006.01)
A61K 9/107 (2006.01)
A61P 35/00 (2006.01)
(31) 202210106827.5 **(32)** 28.01.22 **(33)** CN
(43) 17.08.2023
(72) Yan, Pengke
(74) Madderns Pty Ltd
-
- (71)** Yeda Research and Development Co. Ltd.
(11) AU-A-2023208156
(21) 2023208156 **(22)** 27.07.2023
(54) A method of inducing cardiomyocytes proliferation and treating heart diseases
(51) Int. Cl.
A61K 38/17 (2006.01)
A61L 27/54 (2006.01)
A61P 9/00 (2006.01)
C12N 5/077 (2010.01)
(43) 17.08.2023
(62) 2016347661
(72) Tzahor, Eldad; Bassat, Elad
(74) Griffith Hack

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 (54) PROTECTION SYSTEMS
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 (51) Int. Cl.
 E02F 9/28 (2006.01)
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 (11) AU-A-2023100065
 (21) 2023100065 (22) 21.07.2023
 (54) Force-activated earphone
 (51) Int. Cl.
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 (72) Harjee, Nahid; Twehues, Brian R.; Songatikamas, Teera
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2023100066
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 (54) Accessory bracket for a vehicle roof rack
 (51) Int. Cl.
 B60R 9/042 (2006.01)

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 (45) 17.08.2023
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 (72) Wilson, Stephen
 (74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd

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 G06Q 50/28 (2012.01)
 G16Y 20/10 (2020.01)
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(72) Jackson, Shaun Patrick; Garrett, William Peter; Dunkerley, Roger Philip
 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.
 H01R 13/52 (2006.01)
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 (45) 17.08.2023
 (62) 2022100138
 (72) LU, Yun Qi
 (74) Baxter Patent Attorneys Pty Ltd

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 (11) AU-A-2021100588
 (21) 2021100588 (22) 29.01.2021
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 G06Q 99/00 (2006.01)
 (45) 17.08.2023
 (72) LAZZAROTTI, FRANK ROBERT
 (74) MICROSECURE CORPORATION PTY LTD

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 (51) Int. Cl.

B60R 3/00 (2006.01)
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 (72) Bondili, Vivekh; Daley, Ashley William
 (74) GLMR

(71) Soden, M.; Lavery, W.
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 (54) JEWELLERY KEEPER
 (51) Int. Cl.

A44C 15/00 (2006.01)
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 (45) 17.08.2023
 (62) 2019416794
 (72) SODEN, Muriel Anne Mary; LAVERY, Wade Andrew
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<p>(71) 3Z EHF (11) AU-A-2022215118 (21) 2022215118 (22) 28.01.2022 (54) COMPOUNDS FOR USE IN THE TREATMENT OF ATTENTION DEFICIT HYPERACTIVITY DISORDER (51) Int. Cl. A61K 31/216 (2006.01) A61K 31/4422 (2006.01) A61K 31/517 (2006.01) A61P 25/00 (2006.01) (87) WO2022/162199 (31) 2101291.9 (32) 29.01.21 (33) GB 2101292.7 29.01.21 GB 2101296.8 29.01.21 GB (43) 04.08.2022 (72) KARLSSON, Karl Ægir; ÞOR-STEINSSON, Haraldur (74) Griffith Hack</p>	<p>HETERODIMERIZATION, MULTI-SPECIFIC ANTIBODIES COMPRISING THE SAME, AND METHODS OF MAKING THEREOF (51) Int. Cl. C07K 16/28 (2006.01) C40B 40/10 (2006.01) (87) WO2022/150785 (31) 63/136,120 (32) 11.01.21 (33) US (43) 14.07.2022 (72) STEIN, Caitlin; PEJCHAL, Robert; MCCREARY, Julia; BARLOW, Kyle; SIVASUBRAMANIAN, Arvind; BATTLES, Michael Benjamin (74) FB Rice Pty Ltd</p>	<p>B01D 63/08 (2006.01) G01N 27/447 (2006.01) (87) WO2022/165553 (31) 2021900275 (32) 05.02.21 (33) AU (43) 11.08.2022 (72) OGLE, David (74) ALLENS PATENT & TRADE MARK ATTORNEYS</p>
<p>(71) AB INITIO TECHNOLOGY LLC (11) AU-A-2022229349 (21) 2022229349 (22) 01.03.2022 (54) GENERATION AND EXECUTION OF PROCESSING WORKFLOWS FOR CORRECTING DATA QUALITY ISSUES IN DATA SETS (51) Int. Cl. G06F 11/07 (2006.01) G06F 16/215 (2019.01) (87) WO2022/187224 (31) 63/155,148 (32) 01.03.21 (33) US (43) 09.09.2022 (72) MARTIN, Jonathan; WEISS, Adam (74) RnB IP Pty Ltd</p>	<p>(71) ADS THERAPEUTICS LLC (11) AU-A-2022217160 (21) 2022217160 (22) 02.02.2022 (54) TOPICAL OPHTHALMOLOGICAL COMPOSITIONS (51) Int. Cl. A61P 27/10 (2006.01) A61K 9/00 (2006.01) A61K 47/06 (2006.01) A61P 27/02 (2006.01) (87) WO2022/169788 (31) 63/145,091 (32) 03.02.21 (33) US (43) 11.08.2022 (72) NI, Jinsong; DINH, Van; YANG, Rong (74) WRAYS PTY LTD</p>	<p>(71) AEROFLEXX, LLC (11) AU-A-2022212202 (21) 2022212202 (22) 31.01.2022 (54) FLEXIBLE RECYCLABLE PACKAGE (51) Int. Cl. B65D 33/16 (2006.01) B32B 27/32 (2006.01) B32B 27/34 (2006.01) B65D 33/20 (2006.01) B65D 75/00 (2006.01) (87) WO2022/165298 (31) 63/144,314 (32) 01.02.21 (33) US (43) 04.08.2022 (72) MEYER, Andrew; D'SOUZA, Cedric; DINI, Lianna (74) GLMR</p>
<p>(71) ADIMAB, LLC (11) AU-A-2022205694 (21) 2022205694 (22) 11.01.2022 (54) VARIANT CH1 DOMAINS AND VARIANT CL DOMAINS ENGINEERED FOR PREFERENTIAL CHAIN PAIRING AND MULTI-SPECIFIC ANTIBODIES COMPRISING THE SAME (51) Int. Cl. C07K 16/00 (2006.01) C40B 40/10 (2006.01) (87) WO2022/150787 (31) 63/136,091 (32) 11.01.21 (33) US (43) 14.07.2022 (72) BARLOW, Kyle; SIVASUBRAMANIAN, Arvind; BATTLES, Michael Benjamin (74) FB Rice Pty Ltd</p>	<p>(71) ADVANCED HUMAN IMAGING LIMITED (11) AU-A-2022236936 (21) 2022236936 (22) 16.03.2022 (54) ASSESSING DISEASE RISKS FROM USER CAPTURED DATA (51) Int. Cl. G16H 50/30 (2018.01) A61B 5/00 (2006.01) G06T 7/00 (2017.01) G06T 13/40 (2011.01) G06T 19/00 (2011.01) G16H 30/40 (2018.01) G16H 50/20 (2018.01) (87) WO2022/192948 (31) 63/161,881 (32) 16.03.21 (33) US (43) 22.09.2022 (72) BOSANAC, Vlado; EL-SALLAM, Amar (74) Spruson & Ferguson</p>	<p>(71) AGC INC. (11) AU-A-2022214367 (21) 2022214367 (22) 27.01.2022 (54) IMAGING DEVICE (51) Int. Cl. G03B 15/00 (2021.01) G03B 17/56 (2021.01) H04N 23/00 (2023.01) (87) WO2022/163749 (31) 2021-013719 (32) 29.01.21 (33) JP (43) 04.08.2022 (72) SONODA Ryuta; OKA Kentaro; HIRAMATSU Tetsuya (74) Davies Collison Cave Pty Ltd</p>
<p>(71) ADIMAB, LLC (11) AU-A-2022206475 (21) 2022206475 (22) 11.01.2022 (54) VARIANT CH3 DOMAINS ENGINEERED FOR PREFERENTIAL CH3</p>	<p>(71) AEGROS PTY LTD (11) AU-A-2022216343 (21) 2022216343 (22) 04.02.2022 (54) SINGLE PASS ELECTRO-SEPARATION SYSTEM (51) Int. Cl. B01D 57/02 (2006.01) B01D 17/06 (2006.01) B01D 61/42 (2006.01)</p>	<p>(71) AKAMIS BIO LIMITED (11) AU-A-2022220217 (21) 2022220217 (22) 14.02.2022 (54) ADENOVIRUS ENCODING 1L-15 (51) Int. Cl. A61K 48/00 (2006.01) A61K 38/17 (2006.01) A61K 38/20 (2006.01) A61P 35/00 (2006.01) C07K 14/715 (2006.01) (87) WO2022/171853 (31) 2102049.0 (32) 13.02.21 (33) GB (43) 18.08.2022 (72) CHAMPION, Brian Robert; ZONCA, Manuela (74) Griffith Hack</p>
<p>(71) ADIMAB, LLC (11) AU-A-2022206302</p>	<p>(71) AKEBIA THERAPEUTICS, INC. (11) AU-A-2022206302</p>	<p></p>

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 (51) Int. Cl.
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 (72) BURKE, Steven; CHAVAN, Ajit; KHAWAJA, Zeeshan
 (74) FB Rice Pty Ltd
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 (72) SIMONS, Emmanuel John; NG, Robert
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2022218782
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 (72) VOEGTLI, Walter C.; WU, YuHong; MONTELEONE, Jonathan; MEZHEBOVSKY, Tatyana; FALCONE, Eric; GUO, Yang
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (51) Int. Cl.
G21C 1/02 (2006.01)
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 (72) BENSON, John; MEMMOTT, Matthew
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A61F 2/954 (2013.01)
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C07K 16/00 (2006.01)
C12N 5/00 (2006.01)
C12N 5/0781 (2010.01)
C12N 5/09 (2010.01)
C12N 5/16 (2006.01)
G01N 33/50 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/4355 (2006.01)
A61K 31/4365 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/519 (2006.01)
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A61P 35/00 (2006.01)
C07B 59/00 (2006.01)
C07D 471/14 (2006.01)
C07D 491/048 (2006.01)
C07D 491/052 (2006.01)
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C12N 5/0781 (2010.01)
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 A61K 33/32 (2006.01)
 A61K 33/34 (2006.01)
 A61K 47/02 (2006.01)
 C01F 5/24 (2006.01)
 C01F 11/18 (2006.01)
 C08K 3/08 (2006.01)
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 A61K 35/16 (2015.01)
 A61K 38/19 (2006.01)
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 B64C 11/46 (2006.01)
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 C07D 281/10 (2006.01)
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 A61K 31/4439 (2006.01)
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 C07D 401/04 (2006.01)
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 B65D 25/14 (2006.01)
 A23L 2/00 (2006.01)
 B65D 8/04 (2006.01)
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A61K 39/00 (2006.01)
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A61P 7/10 (2006.01)

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B01L 3/00 (2006.01)
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A61B 5/08 (2006.01)
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 AND A METHOD THEREOF
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B66B 9/04 (2006.01)
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G06Q 50/08 (2012.01)
B66B 5/00 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/06 (2023.01)
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F41A 27/06 (2006.01)
F41A 9/57 (2006.01)
F41A 27/18 (2006.01)
F41A 27/24 (2006.01)
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G06V 20/62 (2022.01)
G06T 5/30 (2006.01)
G06V 10/25 (2022.01)
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B60N 2/28 (2006.01)
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 METHOD THEREFOR
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C22C 38/16 (2006.01)
C21D 8/02 (2006.01)
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A01N 43/56 (2006.01)
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A01N 57/20 (2006.01)
A01N 25/02 (2006.01)
A01N 25/30 (2006.01)
A01P 13/00 (2006.01)
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A01N 43/54 (2006.01)
C07D 213/643 (2006.01)
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A61K 39/00 (2006.01)
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F04B 9/04 (2006.01)
A61M 5/142 (2006.01)
F04B 13/00 (2006.01)
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F04B 23/02 (2006.01)
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A61M 5/142 (2006.01)
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(21) 2022226256 (22) 25.02.2022
(54) POLYURETHANE BASED MEDICAL ARTICLES
(51) Int. Cl.
A61L 29/06 (2006.01)
A61L 29/14 (2006.01)
A61L 29/16 (2006.01)
A61L 33/00 (2006.01)
A61L 33/06 (2006.01)
(87) WO2022/182978
(31) 63/153,810 (32) 25.02.21 (33) US
(43) 01.09.2022
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(74) FB Rice Pty Ltd
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(21) 2022227002 (22) 25.02.2022
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(51) Int. Cl.
A61L 29/06 (2006.01)
A61L 29/14 (2006.01)
A61L 29/16 (2006.01)
A61L 29/18 (2006.01)
A61L 33/00 (2006.01)
A61L 33/06 (2006.01)
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(51) Int. Cl.
A61L 29/06 (2006.01)
A61L 29/14 (2006.01)
A61L 29/16 (2006.01)
C08L 75/04 (2006.01)
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(31) 63/153,805 (32) 25.02.21 (33) US
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(72) BAI, He; WEIMER, Marc W.; FREASIER, James
(74) FB Rice Pty Ltd
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(51) Int. Cl.
A61M 5/00 (2006.01)
B01L 9/00 (2006.01)
(87) WO2022/161992
(31) 21305101.4 (32) 26.01.21 (33) EP
(43) 04.08.2022
(72) MAURY, Camille; ESNAULT, Gildas; LE DIMET, Gwenn
(74) FB Rice Pty Ltd
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(11) AU-A-2022212481
(21) 2022212481 (22) 26.01.2022
(54) A NEST FOR THE PACKAGING OF PLUNGER STOPPERS WITH CLIPS ENSURING A RELIABLE ALIGNMENT OF SEVERAL NESTS IN A TUB
(51) Int. Cl.
B01L 9/00 (2006.01)
A61M 5/00 (2006.01)
(87) WO2022/162002
(31) 21305100.6 (32) 26.01.21 (33) EP
(43) 04.08.2022
(72) EYMERY, Anaïs; MAURY, Camille; LE LOC'H, Clémentine; LAVIGNE, Ferdinand; ESNAULT, Gildas; JACQUIER, Laurent
(74) FB Rice Pty Ltd
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- (71) BECTON DICKINSON FRANCE
(11) AU-A-2022212482
(21) 2022212482 (22) 26.01.2022
(54) A TUB FOR THE PACKAGING OF A PLURALITY OF NESTS OF PLUNGER STOPPERS WITH GUIDING FEATURES ENSURING A RELIABLE LOCATION OF THE NESTS WITHIN THE TUB
(51) Int. Cl.
B65D 21/00 (2006.01)
A61M 5/00 (2006.01)
B01L 9/00 (2006.01)
B65D 25/10 (2006.01)
(87) WO2022/162003
(31) 21305102.2 (32) 26.01.21 (33) EP
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A61M 5/00 (2006.01)
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(51) Int. Cl.
A61K 31/4709 (2006.01)
A61K 47/10 (2017.01)
A61K 47/22 (2006.01)
(87) WO2022/174012
(31) 63/148,201 (32) 11.02.21 (33) US
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(74) FPA Patent Attorneys Pty Ltd
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B65D 41/34 (2006.01)
B65D 55/16 (2006.01)
(87) WO2022/152647
(31) 21382010.3 (32) 12.01.21 (33) EP
(43) 21.07.2022
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(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2022339417 (22) 15.08.2022
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(51) Int. Cl.
A61B 6/04 (2006.01)
G02B 27/32 (2006.01)
(87) WO2023/034011
(31) 17/446,357 (32) 30.08.21 (33) US
(43) 09.03.2023
(72) BIALIK, Ariel
(74) Spruson & Ferguson
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(54) METHODS FOR TREATING CANCER
(51) Int. Cl.
A61K 38/12 (2006.01)
A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
(87) WO2022/148979
(31) 63/135,858 (32) 11.01.21 (33) US
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DISH, Philip E.; UPADHYAYA, Punit;
MCDONNELL, Kevin
(74) FPA Patent Attorneys Pty Ltd
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G01N 27/26 (2006.01)
C12Q 1/68 (2018.01)
G01N 27/447 (2006.01)
G01N 33/487 (2006.01)
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(54) LIPID LAYER PRESERVATION
(51) Int. Cl.
A01N 1/02 (2006.01)
(87) WO2022/144186
(31) 2130002-5 (32) 04.01.21 (33) SE
2111815.3 18.08.21 GB
(43) 07.07.2022
(72) SIGVARDSSON, Anne-Li
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(21) 2022248713 (22) 23.03.2022
(54) SYSTEM AND METHOD FOR DATA INTERROGATION AND/OR REMOTE PROGRAMMING OF A MEDICAL DEVICE
(51) Int. Cl.
G16H 40/40 (2018.01)
G16H 40/67 (2018.01)
H04W 12/55 (2021.01)
(87) WO2022/207430
(31) 63/167,708 (32) 30.03.21 (33) US
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(51) Int. Cl.
G16H 40/40 (2018.01)
G16H 40/60 (2018.01)
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(74) Griffith Hack
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B09B 3/65 (2022.01)
C02F 11/04 (2006.01)
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(54) RADAR-BASED SENSING, POSITIONING, AND COMMUNICATIONS SYSTEM
(51) Int. Cl.
G01S 13/48 (2006.01)
A01B 76/00 (2006.01)
H04B 7/24 (2006.01)
H04L 27/10 (2006.01)
H04L 27/18 (2006.01)
(87) WO2022/165593
(31) 63/145,222 (32) 03.02.21 (33) US
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(74) Spruson & Ferguson
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(21) 2021416002 (22) 14.12.2021
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(51) Int. Cl.
G06Q 30/00 (2023.01)
(87) WO2022/146684
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(72) ANGELI, Gabor; LEE, Pei Xuan; PURDY, Jason
(74) FB Rice Pty Ltd
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- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
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(21) 2022257269 (22) 13.04.2022
(54) 3H,4H-THIENO[2,3-d]PYRIMIDIN-4-ONE DERIVATIVES AS TRPA1 INHIBITORS
(51) Int. Cl.
C07D 495/04 (2006.01)
A61P 11/00 (2006.01)
A61P 11/14 (2006.01)
A61P 29/00 (2006.01)
(87) WO2022/219014
(31) 21168436.0 (32) 14.04.21 (33) EP
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(21) 2022258653 (22) 13.04.2022
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(51) Int. Cl.
C07D 498/04 (2006.01)
A61K 31/5383 (2006.01)
A61P 11/00 (2006.01)
A61P 11/14 (2006.01)
A61P 29/00 (2006.01)
(87) WO2022/219012
(31) 21168440.2 (32) 14.04.21 (33) EP
(43) 20.10.2022
(72) FLECK, Martin Thomas; BINDER, Florian Paul Christian
(74) Spruson & Ferguson
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(21) 2022259537 (22) 13.04.2022
(54) URACIL DERIVATIVES AS TRPA1 INHIBITORS
(51) Int. Cl.
C07D 409/14 (2006.01)
A61K 31/513 (2006.01)
A61P 11/00 (2006.01)
A61P 11/14 (2006.01)
A61P 29/00 (2006.01)
C07D 413/06 (2006.01)
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(21) 2021415121 (22) 22.12.2021
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(51) Int. Cl.
C08L 23/08 (2006.01)
C08F 210/16 (2006.01)
C08L 43/04 (2006.01)
H01B 3/44 (2006.01)
C08K 3/22 (2006.01)
C08K 3/26 (2006.01)
C08K 5/00 (2006.01)
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(31) 20217586.5 (32) 29.12.20 (33) EP
(43) 07.07.2022
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(21) 2022313786 (22) 13.06.2022
(54) OVER THE SCOPE CLIP WITH REPOSITIONAL CAPABILITY
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 17/12 (2006.01)
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(21) 202222793 (22) 25.01.2022
(54) MEDICAL DELIVERY DEVICE AND METHODS OF USING THE SAME
(51) Int. Cl.
A61B 17/00 (2006.01)
A61F 2/95 (2013.01)
A61M 25/00 (2006.01)
(87) WO2022/178476
(31) 63/151,092 (32) 19.02.21 (33) US
(43) 25.08.2022
(72) WHELEHAN, Jennifer; LYDECKER, Lauren, S.; FREDRICKSON, Gerald
(74) Spruson & Ferguson
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(21) 2022230471 (22) 03.03.2022
(54) INFLATABLE PROSTHESIS HAVING A PRESSURE CALIBRATION SYSTEM
(51) Int. Cl.
A61F 2/26 (2006.01)
(87) WO2022/187841
(31) 63/200,371 (32) 03.03.21 (33) US
17/653,232 02.03.22 US
(43) 09.09.2022
(72) SMITH, Noel; GILDEA, John; WATSCHKE, Brian P.
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 (11) AU-A-2022231183
 (21) 2022231183 (22) 03.03.2022
 (54) INFLATABLE MEDICAL IMPLANT HAVING A PRESSURE CALIBRATION SYSTEM
 (51) Int. Cl.
A61F 2/26 (2006.01)
 (87) WO2022/187840
 (31) 63/200,370 (32) 03.03.21 (33) US
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 (43) 09.09.2022
 (72) SMITH, Noel; GILDEA, John; WATSCHKE, Brian P.
 (74) Spruson & Ferguson
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- (71) BRAVADO HOLDING AG
 (11) AU-A-2022244472
 (21) 2022244472 (22) 25.03.2022
 (54) SEAMLESS GARMENT FOR PUMPING AND NURSING
 (51) Int. Cl.
A41C 3/04 (2006.01)
 (87) WO2022/201116
 (31) 63/200,755 (32) 25.03.21 (33) US
 (43) 29.09.2022
 (72) STANTON, Lisa
 (74) Spruson & Ferguson
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- (71) BREAKTHROUGH TECHNOLOGIES, LLC; JAFFREY, K.
 (11) AU-A-2021413879
 (21) 2021413879 (22) 30.12.2021
 (54) SYSTEM AND METHODS FOR CONDENSING VAPOR PRODUCT
 (51) Int. Cl.
B01D 5/00 (2006.01)
B01D 53/32 (2006.01)
C02F 1/46 (2023.01)
C02F 103/02 (2006.01)
 (87) WO2022/147295
 (31) 63/132,037 (32) 30.12.20 (33) US
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 (43) 07.07.2022
 (72) JAFFREY, Kamal
 (74) FPA Patent Attorneys Pty Ltd
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- (71) BRISTOL-MYERS SQUIBB COMPANY
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 (21) 2022214313 (22) 28.01.2022
 (54) CRYSTAL FORM OF 6-(CYCLOPROPANECARBOXAMIDO)-4-((2-METHOXY-3-(1-METHYL-1H-1,2,4-TRIAZOL-3-YL)PHENYL)AMINO)-N-(METHYL-D3)PYRIDAZINE-3-CARBOXAMIDE
 (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/501 (2006.01)
A61P 29/00 (2006.01)
 (87) WO2022/165141
 (31) 63/143,769 (32) 29.01.21 (33) US
 (43) 04.08.2022
 (72) ROSSO, Victor W.
 (74) AJ PARK
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- (71) BRITA SE
 (11) AU-A-2022214276
 (21) 2022214276 (22) 28.01.2022
 (54) METHOD FOR CONVEYING A LIQUID INTO A CONTAINER
 (51) Int. Cl.
E03C 1/04 (2006.01)
A47J 31/52 (2006.01)
E03B 7/07 (2006.01)
E03C 1/044 (2006.01)
G01F 9/00 (2006.01)
 (87) WO2022/162128
 (31) 21154510.8 (32) 01.02.21 (33) EP
 (43) 04.08.2022
 (72) DUCHARDT, Thomas; MACHUI, Oliver
 (74) Spruson & Ferguson
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- (71) BRITA SE
 (11) AU-A-2022214892
 (21) 2022214892 (22) 25.01.2022
 (54) METHOD FOR CONTROLLING A TEMPERATURE OF A LIQUID IN A LIQUID CONTAINER
 (51) Int. Cl.
F24H 1/20 (2022.01)
F24H 9/20 (2022.01)
G05D 23/19 (2006.01)
G05D 27/02 (2006.01)
H05B 3/00 (2006.01)
 (87) WO2022/161920
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 (43) 04.08.2022
 (72) DUCHARDT, Thomas; MACHUI, Oliver
 (74) Spruson & Ferguson
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- (71) C3.AI, INC.
 (11) AU-A-2022215617
 (21) 2022215617 (22) 04.02.2022
 (54) RISK-AWARE AND STRATEGY-ADAPTIVE CONSUMPTION PLANNING FOR PROCESS AND MANUFACTURING PLANTS
 (51) Int. Cl.
G06E 1/00 (2006.01)
 (87) WO2022/170127
 (31) 63/145,937 (32) 04.02.21 (33) US
 (43) 11.08.2022
 (72) ZHANG, Zhaoxi; PAKAZAD, Sina K.; BROWN, Christian S.; HOLTAN, Timothy P.
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) C3.AI, INC.
 (11) AU-A-2022217824
 (21) 2022217824 (22) 04.02.2022
 (54) CONSTRAINED OPTIMIZATION AND POST-PROCESSING HEURISTICS FOR OPTIMAL PRODUCTION SCHEDULING FOR PROCESS MANUFACTURING
 (51) Int. Cl.
G06E 1/00 (2006.01)
 (87) WO2022/170123
 (31) 63/145,949 (32) 04.02.21 (33) US
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- (43) 11.08.2022
 (72) BROWN, Christian S.; PAKAZAD, Sina K.; ZHANG, Zhaoxi; HOLTAN, Timothy P.
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) CAE INC.
 (11) AU-A-2022212918
 (21) 2022212918 (22) 26.01.2022
 (54) REMOTE POINTER FOR SIMULATORS
 (51) Int. Cl.
H04N 21/2387 (2011.01)
G09B 9/08 (2006.01)
H04L 65/60 (2022.01)
H04N 5/74 (2006.01)
H04N 7/15 (2006.01)
H04N 21/6332 (2011.01)
 (87) WO2022/162560
 (31) 63/141,804 (32) 26.01.21 (33) US
 (43) 04.08.2022
 (72) SOODEEN, Mark; GIANNIAS, Nick; FERNIE, Andrew
 (74) James & Wells Intellectual Property
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 (11) AU-A-2022213551
 (21) 2022213551 (22) 26.01.2022
 (54) METHOD AND SYSTEM FOR PROVIDING REMOTE VISIBILITY INTO A SIMULATION ENVIRONMENT
 (51) Int. Cl.
H04N 7/15 (2006.01)
G09B 9/08 (2006.01)
H04L 9/40 (2022.01)
H04L 12/18 (2006.01)
 (87) WO2022/162562
 (31) 63/141,787 (32) 26.01.21 (33) US
 (43) 04.08.2022
 (72) SOODEEN, Mark; LAGACE, Michel; YE, Hebing; MORISSET, Sebastien; DESAULNIERS, Pascal; GIANNIAS, Nick; MIRZAKHANI, Babak; CHRISTIANSEN, Gordon; GRANGER, Julien; DAIGLE, Pierre; VINCENT, Pierre-Luc
 (74) James & Wells Intellectual Property
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- (71) CAPITAL ONE SERVICES, LLC
 (11) AU-A-2022217775
 (21) 2022217775 (22) 02.02.2022
 (54) URL-BASED AUTHENTICATION FOR PAYMENT CARDS
 (51) Int. Cl.
G06Q 20/40 (2012.01)
G06Q 20/34 (2012.01)
G07F 7/10 (2006.01)
 (87) WO2022/169862
 (31) 17/166,622 (32) 03.02.21 (33) US
 (43) 11.08.2022
 (72) MORETON, Paul; RULE, Jeffrey
 (74) GLMR
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- (71) CAPITAL ONE SERVICES, LLC
 (11) AU-A-2022226160
 (21) 2022226160 (22) 23.02.2022

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 (51) Int. Cl.
H04L 9/40 (2022.01)
H04W 12/065 (2021.01)
H04W 12/68 (2021.01)
H04W 12/71 (2021.01)
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 (74) GLMR

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G06Q 20/32 (2012.01)
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 (72) RULE, Jeffrey; OSBORN, Kevin; LUTZ, Wayne; ILINCIC, Rajko
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A61M 5/142 (2006.01)
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 (74) FB Rice Pty Ltd

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 (72) CAI, Frank; ZHANG, Lun; SHEVGOOR, Siddarth; CARROLL, Derek Alan
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F25D 21/00 (2006.01)
G01N 27/14 (2006.01)

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 (72) DEMO, Luca; GALATO, Nicolò
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C12N 15/63 (2006.01)
A61K 35/00 (2006.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C12N 5/00 (2006.01)
C12N 5/0783 (2010.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
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 (74) FB Rice Pty Ltd

(71) CASALE SA
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B01J 8/04 (2006.01)
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A61K 47/69 (2017.01)
A61K 41/00 (2020.01)
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 (74) Patent Attorney Services

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H04L 9/40 (2022.01)
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C07D 227/02 (2006.01)
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 (74) Griffith Hack

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B01L 3/00 (2006.01)
G01N 35/00 (2006.01)
H02P 29/64 (2016.01)
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(51) Int. Cl.
H01M 8/02 (2016.01)
C25B 1/04 (2021.01)
C25B 1/042 (2021.01)
C25B 9/23 (2021.01)
C25B 9/65 (2021.01)
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C25B 9/77 (2021.01)
H01M 8/0202 (2016.01)
H01M 8/0247 (2016.01)
H01M 8/04089 (2016.01)
H01M 8/242 (2016.01)
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G06Q 40/00 (2023.01)
G06F 16/901 (2019.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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H01M 10/0562 (2010.01)
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C12N 1/04 (2006.01)
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C12N 11/02 (2006.01)
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C12N 9/88 (2006.01)
C12N 15/77 (2006.01)
C12P 13/06 (2006.01)
C12P 13/08 (2006.01)
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C12N 15/77 (2006.01)
C12N 9/04 (2006.01)
C12N 9/12 (2006.01)
C12P 13/08 (2006.01)
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(54) SURFACE DISPLAYED ENDOGLYCOSEDASES
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C12N 15/81 (2006.01)
C12N 1/14 (2006.01)
C12N 9/24 (2006.01)

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(51) Int. Cl.
C12N 15/81 (2006.01)
C12N 1/14 (2006.01)
C12N 9/24 (2006.01)
C12P 21/00 (2006.01)
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F28D 20/00 (2006.01)
B65G 5/00 (2006.01)
F17C 1/00 (2006.01)
F24T 50/00 (2018.01)
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A61P 25/30 (2006.01)
A61K 31/485 (2006.01)
A61K 31/724 (2006.01)
A61K 47/40 (2006.01)
A61P 25/36 (2006.01)
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A01G 17/08 (2006.01)
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G06Q 30/02 (2023.01)
G06Q 10/04 (2023.01)
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(51) Int. Cl.
E21B 17/02 (2006.01)
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(72) COLLINS, Ronan
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(54) AERODYNAMIC TRAILER APPARATUS WITH OPTIMIZED SMALL SKIRT
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B62D 35/00 (2006.01)
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(74) Griffith Hack
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E04F 15/16 (2006.01)
E04F 15/02 (2006.01)
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C07C 237/20 (2006.01)
A61K 31/165 (2006.01)
A61P 35/00 (2006.01)
C07C 237/06 (2006.01)
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(74) Wallington-Dummer
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(54) METHODS OF MANUFACTURING AN OPHTHALMIC LENS
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B29D 11/00 (2006.01)
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B65D 21/02 (2006.01)
A45C 11/00 (2006.01)
B65D 75/32 (2006.01)
(87) WO2023/007126
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 63/347,732 01.06.22 US
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 (54) CRAFTING APPARATUS
 (51) Int. Cl.
B41J 11/00 (2006.01)
B41J 11/66 (2006.01)
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 (31) 63/142,488 (32) 27.01.21 (33) US
 (43) 04.08.2022

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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) HEAT PRESS
 (51) Int. Cl.
B41F 16/00 (2006.01)
B41F 13/008 (2006.01)
B41F 33/00 (2006.01)
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 (31) 63/142,490 (32) 27.01.21 (33) US
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 (54) TAPERED VAPOR PLUG
 (51) Int. Cl.
F17C 13/06 (2006.01)
F17C 3/08 (2006.01)
F17C 13/00 (2006.01)
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 (31) 63/146,372 (32) 05.02.21 (33) US
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 (11) AU-A-2022239825
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C07D 209/14 (2006.01)
A61K 31/4045 (2006.01)
A61P 25/04 (2006.01)
A61P 25/18 (2006.01)
A61P 25/28 (2006.01)
C07B 59/00 (2006.01)
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A61B 5/145 (2006.01)
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C07C 51/09 (2006.01)
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A41D 19/00 (2006.01)
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E04D 3/361 (2006.01)
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E04D 3/366 (2006.01)
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 (54) ELECTRODE APPARATUS FOR BLOCKING OR CONTROLLING NERVES IN BODY
 (51) Int. Cl.
A61N 1/05 (2006.01)
A61B 18/00 (2006.01)
A61B 18/14 (2006.01)
A61N 1/36 (2006.01)
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A61N 1/05 (2006.01)
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C25B 11/051 (2021.01)
C25B 1/26 (2006.01)
C25B 11/073 (2021.01)
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C25B 9/70 (2021.01)
C25B 15/00 (2006.01)
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 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/1473 (2006.01)
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C09J 175/06 (2006.01)
B32B 7/12 (2006.01)
B32B 27/00 (2006.01)
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B65D 65/40 (2006.01)
C09J 7/30 (2018.01)
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G01C 9/24 (2006.01)
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G06Q 40/04 (2012.01)
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G06F 7/00 (2006.01)
G06F 16/22 (2019.01)
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 A61L 27/44 (2006.01)
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 (54) A HAIRCARE APPLIANCE
 (51) Int. Cl.
 A45D 20/12 (2006.01)
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 C01F 7/20 (2006.01)
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 A61P 25/00 (2006.01)
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 F25B 49/02 (2006.01)
 F25D 11/02 (2006.01)
 F25D 17/06 (2006.01)
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 C07K 14/605 (2006.01)
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 C07K 16/28 (2006.01)
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 C07K 14/705 (2006.01)
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 G01S 7/36 (2006.01)
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(33) JP	(21) 2022218711	(22) 09.02.2022		(43) 01.09.2022		
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(72) TAKAMURA Toru; IDE Kohei; KIDOGUCHI Satoshi; MATSUOKA Koji	(51) Int. Cl.			(74) Griffith Hack		
(74) WRAYS PTY LTD	G16H 40/67 (2018.01)			<hr/>		
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B66C 13/28 (2006.01)	G16H 20/00 (2018.01)			G16H 20/00 (2018.01)		
B66C 23/28 (2006.01)	G16H 50/20 (2018.01)			(87) WO2022/232471		
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(11) AU-A-2021426502	(11) AU-A-2022219532			(54) METHOD FOR DETERMINING A RELIABILITY OF AN ANALYTE SENSOR		
(21) 2021426502	(21) 2022219532	(22) 14.02.2022		(51) Int. Cl.		
(54) FOSPROPOFOL METHODS AND COMPOSITIONS	(54) INSERTION SYSTEM AND METHOD FOR INSERTING A MEDICAL DEVICE			A61B 5/1473 (2006.01)		
(51) Int. Cl.	(51) Int. Cl.			A61B 5/1486 (2006.01)		
A61K 31/661 (2006.01)	A61M 5/142 (2006.01)			A61B 5/1495 (2006.01)		
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A01M 29/24 (2011.01)
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C08K 5/053 (2006.01)
C08K 5/101 (2006.01)
C08K 5/17 (2006.01)
C08L 1/28 (2006.01)
C08L 33/04 (2006.01)
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G02C 5/12 (2006.01)
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B05D 3/04 (2006.01)
B05D 3/06 (2006.01)
B05D 5/08 (2006.01)
C01B 32/28 (2017.01)
C09D 183/08 (2006.01)
G02B 1/18 (2015.01)
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A61P 25/00 (2006.01)
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B23D 75/00 (2006.01)
B23D 77/12 (2006.01)
B23Q 3/00 (2006.01)
B25B 11/00 (2006.01)
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F28D 20/00 (2006.01)
F28F 21/02 (2006.01)
H05B 3/14 (2006.01)
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A61P 31/16 (2006.01)
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H01S 3/042 (2006.01)
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C08G 18/40 (2006.01)
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B05B 7/08 (2006.01)
A01C 7/06 (2006.01)
A01C 17/00 (2006.01)
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E01C 19/20 (2006.01)
E01H 10/00 (2006.01)
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(51) Int. Cl.
C04B 26/16 (2006.01)
C08G 18/28 (2006.01)
C08G 18/38 (2006.01)
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C08L 75/00 (2006.01)
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C04B 26/16 (2006.01)
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C04B 26/16 (2006.01)
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H01M 50/244 (2021.01)
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A61F 2/30 (2006.01)
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H04W 4/06 (2009.01)
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H04W 76/00 (2018.01)
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A61K 31/444 (2006.01)
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A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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F15B 1/02 (2006.01)
F16H 61/4096 (2010.01)
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C12Q 1/6806 (2018.01)
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G01N 33/487 (2006.01)
C12Q 1/6869 (2018.01)
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A61K 31/58 (2006.01)
A61K 47/68 (2017.01)
A61P 37/06 (2006.01)
C07J 7/00 (2006.01)
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G06F 3/12 (2006.01)
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G07F 9/02 (2006.01)
G16H 20/13 (2018.01)
G16H 40/40 (2018.01)
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B29B 17/04 (2006.01)
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A61K 31/454 (2006.01)
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C12N 15/85 (2006.01)
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A61K 31/734 (2006.01)
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A61L 27/20 (2006.01)
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(21) 2021424483 (**(22)** 27.01.2021
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(51) Int. Cl.
C22C 33/04 (2006.01)
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- A23F 5/00** (2006.01)
C01B 3/02 (2006.01)
C01B 32/324 (2017.01)
C21B 11/00 (2006.01)
C21B 13/00 (2006.01)
C21B 15/00 (2006.01)
C22B 1/14 (2006.01)
C22B 5/10 (2006.01)
C22B 5/12 (2006.01)
(87) WO2022/160002
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(74) MINTER ELLISON
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(54) SOLAR POWER GENERATION SYSTEM AND REFLECTOR FOR SOLAR POWER GENERATION SYSTEM
(51) Int. Cl.
H02S 40/22 (2014.01)
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(31) 2021-015113 (**(32)** 02.02.21 **(33)** JP
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(21) 2022215843 (**(22)** 02.02.2022
(54) AEROSOL GENERATION DEVICE
(51) Int. Cl.
A24F 40/40 (2020.01)
A24F 40/46 (2020.01)
A24F 40/57 (2020.01)
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(31) 2101459.2 (**(32)** 03.02.21 **(33)** GB
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- (71)** NIGHTINGALE HEALTH OYJ
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(21) 202222387 (**(22)** 16.02.2022
(54) USE OF GLYCOPROTEIN ACETYLS FOR DETERMINING THE RISK OF DEVELOPING A GALLBLADDER DISORDER
(51) Int. Cl.
G01N 33/68 (2006.01)
(87) WO2022/175597
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(72) JULKUNEN, Heli; WÜRTZ, Peter
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(54) USE OF GLYCOPROTEIN ACETYLS FOR DETERMINING THE RISK OF

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(51) Int. Cl.
G01N 33/68 (2006.01)
(87) WO2022/175596
(31) 20215176 **(32)** 19.02.21 **(33)** FI
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(54) SiOC COMPOSITE MATERIAL, PREPARATION METHOD FOR SAME, AND APPLICATIONS THEREOF
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H01M 4/36 (2006.01)
C01B 32/05 (2017.01)
C01B 32/907 (2017.01)
C01B 33/02 (2006.01)
C01B 33/021 (2006.01)
H01M 4/48 (2010.01)
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A01N 43/90 (2006.01)
A01N 33/22 (2006.01)
A01N 35/10 (2006.01)
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A01N 37/26 (2006.01)
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A01P 13/00 (2006.01)
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G09C 1/00 (2006.01)
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(21) 2022224178 **(22)** 16.02.2022
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F01P 7/16 (2006.01)
F16K 31/68 (2006.01)
(87) WO2022/176870
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(54) BEAM MANAGEMENT FOR A DEVICE IN AN INACTIVE MODE
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H04W 72/04 (2023.01)
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(21) 2022226584 **(22)** 24.02.2022
(54) MICROSPHERE FORMULATIONS COMPRISING LURASIDONE AND METHODS FOR MAKING AND USING THE SAME
(51) Int. Cl.
A61K 31/496 (2006.01)
A61K 9/16 (2006.01)
A61K 47/59 (2017.01)
A61P 25/18 (2006.01)
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(54) MICROSPHERE FORMULATIONS COMPRISING BTK INHIBITORS AND METHODS FOR MAKING AND USING THE SAME
(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/107 (2006.01)
A61K 9/50 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
B01J 13/04 (2006.01)
B01J 13/08 (2006.01)
(87) WO2022/187822
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B01D 53/14 (2006.01)
C01B 32/205 (2017.01)
C25B 1/04 (2021.01)
C25B 3/26 (2021.01)
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(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
C12N 5/0783 (2010.01)
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(31) 63/139,305 **(32)** 19.01.21 **(33)** US
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(43) 28.07.2022
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A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/867 (2006.01)
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(51) Int. Cl.
B65G 1/04 (2006.01)
B66D 1/38 (2006.01)
B66D 1/39 (2006.01)
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(31) 2100557.4 (32) 15.01.21 (33) GB
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(72) EVANS, Kelvin
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(54) A DATA COLLECTION AND MONITORING SYSTEM, A CONTROLLED ENVIRONMENT FARMING SYSTEM, DEVICES AND RELATED METHODS
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A01G 7/00 (2006.01)
A01G 9/24 (2006.01)
A01G 31/06 (2006.01)
G01N 33/00 (2006.01)
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(21) 2022215954 (22) 07.02.2022
(54) METHODS AND SYSTEMS FOR MODULATING ENERGY USAGE
(51) Int. Cl.
F24D 19/10 (2006.01)
F24D 3/08 (2006.01)
F24D 11/02 (2006.01)
F24H 15/164 (2022.01)
(87) WO2022/168044
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(51) Int. Cl.
F24D 17/02 (2006.01)
F24D 19/10 (2006.01)
F24H 15/152 (2022.01)
F24H 15/164 (2022.01)
F24H 15/168 (2022.01)
F24H 15/172 (2022.01)
F24H 15/174 (2022.01)
F24H 15/176 (2022.01)
F24H 15/223 (2022.01)
F24H 15/262 (2022.01)
F24H 15/265 (2022.01)
F24H 15/269 (2022.01)
F24H 15/273 (2022.01)
F24H 15/277 (2022.01)
F24H 15/38 (2022.01)
F24H 15/421 (2022.01)
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A61B 1/005 (2006.01)
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A63H 33/00 (2006.01)
G09B 1/18 (2006.01)
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(54) MATERIAL HANDLING SYSTEM WITH AUTOMATIC RETRIEVAL OF SORTED ITEMS
(51) Int. Cl.
B65G 1/137 (2006.01)
B25J 9/16 (2006.01)
B65G 1/04 (2006.01)
B65G 1/06 (2006.01)
B65G 1/10 (2006.01)
G05D 1/00 (2006.01)
G06Q 10/08 (2023.01)
(87) WO2022/182806
(31) 63/152,842 (32) 23.02.21 (33) US
63/208,956 09.06.21 US
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(74) AJ PARK
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(21) 2022219794 (22) 09.02.2022
(54) MATURATION AGENT
(51) Int. Cl.
C12N 5/071 (2010.01)
C12N 5/02 (2006.01)
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(31) 2021-019120 (32) 09.02.21 (33) JP
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(74) Griffith Hack
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(54) SMALL MOLECULE-REGULATED GENE EXPRESSION SYSTEM
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A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
C07K 14/195 (2006.01)
C07K 14/395 (2006.01)
C07K 14/47 (2006.01)
C12N 15/62 (2006.01)
(87) WO2022/155578
(31) 63/137,803 (32) 15.01.21 (33) US
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 (21) 2022214455 (22) 31.01.2022
 (54) SMALL MOLECULE-REGULATED CELL SIGNALING EXPRESSION SYSTEM
 (51) Int. Cl.
C07K 14/725 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
 (87) WO2022/165378
 (31) 63/143,725 (32) 29.01.21 (33) US
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 (51) Int. Cl.
B01J 20/26 (2006.01)
B01D 53/04 (2006.01)
B01J 20/28 (2006.01)
B01J 20/34 (2006.01)
C01B 32/50 (2017.01)
F24F 8/15 (2021.01)
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 (51) Int. Cl.
A61F 13/532 (2006.01)
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 (21) 2021415218 (22) 12.07.2021
 (54) FIXING DEVICE FOR CLAMPING TISSUE
 (51) Int. Cl.
A61F 2/24 (2006.01)
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 (31) 202011620974.1 (32) 30.12.20 (33) CN
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B65D 83/00 (2006.01)
B65G 59/00 (2006.01)
B65H 3/44 (2006.01)
B65H 5/00 (2006.01)
G07F 11/02 (2006.01)
G07F 11/16 (2006.01)
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 (31) 202141004392 (32) 02.02.21 (33) IN
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 (74) Allens Patent & Trade Mark Attorneys
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 (54) INDUCTIVELY COUPLED PLASMA TORCHES AND METHODS AND SYSTEMS INCLUDING SAME
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H05H 1/46 (2006.01)
 (87) WO2022/155727
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 (54) MODULAR SYSTEM FOR TREATING EFFLUENT FROM CLEANING HULLS OF FLOATING UNITS
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C02F 1/00 (2023.01)
B63B 59/06 (2006.01)
C02F 1/32 (2023.01)
C02F 1/38 (2023.01)
 (87) WO2022/140829
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 (72) LIGEIRO BARBOSA, Marcelo Luiz; DE SOUZA CORREIA, Edisiene; SARMENTO NEVES DA ROCHA, Lucas; DOS SANTOS ALMEIDA, Edna; DOS SANTOS DE MENEZES, Mateus; DA SILVA JORGE, Carlos Eduardo; GARCIA DE OLIVEIRA, Frederico; MORENO LEDEZMA, Luis Carlos; QUIRINO DA SILVA, Alexandre; RANYERE SANTANA DE OLIVEIRA, Joaquim
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 (11) AU-A-2021414770
 (21) 2021414770 (22) 20.12.2021
 (54) UNDERWATER ROBOT FOR REMOVING MARINE BIOFOULING FROM HULLS OF FLOATING UNITS, WITH SYSTEM FOR CONTAINING AND CAPTURING WASTE
 (51) Int. Cl.
B63B 59/08 (2006.01)
B62D 55/265 (2006.01)
B63B 59/00 (2006.01)
B63B 59/06 (2006.01)
B63C 11/52 (2006.01)
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A24D 1/18 (2006.01)
A24D 1/20 (2020.01)
A24D 1/00 (2020.01)
 (87) WO2022/167342
 (31) 21154825.0 (32) 02.02.21 (33) EP
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 (72) BATISTA, Rui Nuno Rodrigues Alves; BEDASSO, Bekele Alemu; BONGIO-

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A47L 11/30 (2006.01)
A47L 7/00 (2006.01)
A47L 9/00 (2006.01)
A47L 9/06 (2006.01)
A47L 9/28 (2006.01)
A47L 11/40 (2006.01)
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(74) FB Rice Pty Ltd
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(21) 2022220037 **(22)** 11.02.2022
(54) COMPOSITIONS AND METHODS COMPRISING HEMP EXTRACT FOR THE TREATMENT OF ANIMALS IN NEED
(51) Int. Cl.
A61K 31/352 (2006.01)
A61K 31/00 (2006.01)
A61K 36/185 (2006.01)
(87) WO2022/174255
(31) 63/148,467 **(32)** 11.02.21 **(33)** US
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(74) Griffith Hack
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C08G 75/045 (2016.01)
C08G 75/12 (2016.01)
C08L 81/00 (2006.01)
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G01N 1/38 (2006.01)
A01C 1/00 (2006.01)
G01N 9/00 (2006.01)
G01N 33/24 (2006.01)
G01N 1/08 (2006.01)
G01N 1/40 (2006.01)
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G06V 40/16 (2022.01)
G06F 16/58 (2019.01)
G06F 16/583 (2019.01)
G06T 7/00 (2017.01)
G06T 7/11 (2017.01)
G06T 7/73 (2017.01)
G06V 10/25 (2022.01)
G06V 20/30 (2022.01)
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A61B 90/57 (2016.01)
A61B 34/20 (2016.01)
A61B 90/50 (2016.01)
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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 7/00 (2006.01)
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(54) INTERLEAVING MODULE FOR FAULT-TOLERANT QUANTUM COMPUTER
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G06F 13/36 (2006.01)
G06F 13/40 (2006.01)
G06F 15/16 (2006.01)
G06N 10/20 (2022.01)
G06N 10/40 (2022.01)
G06N 10/70 (2022.01)
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(74) Spruson & Ferguson
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C12Q 1/682 (2018.01)
(87) WO2022/157495
(31) 2100760.4 **(32)** 20.01.21 **(33)** GB
(43) 28.07.2022
(72) THRIPPLETON, Ian Peter
(74) Spruson & Ferguson
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(54) REACTIVE GROUND TESTING
(51) Int. Cl.
G01N 33/24 (2006.01)
G01N 25/54 (2006.01)
G01N 31/00 (2006.01)
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(31) 2021900336 **(32)** 11.02.21 **(33)** AU
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(72) CAVANOUGH, Gary Lindsay
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H04B 10/70 (2013.01)

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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
A61H 19/00 (2006.01)
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(72) HERRGUTH, Jens
(74) Patent Attorney Services
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(21) 2020483756 **(22)** 30.12.2020
(54) VAPOR CHAMBER HAVING A RESERVOIR
(51) Int. Cl.
H05K 7/20 (2006.01)
F28D 15/02 (2006.01)
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(51) Int. Cl.
F21K 9/20 (2016.01)
F21K 9/61 (2016.01)
F21K 9/68 (2016.01)
F21V 29/74 (2015.01)
F21Y 113/10 (2016.01)
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(54) TREATMENT OF MUCOPOLYSACCHARIDOSIS II WITH RECOMBINANT HUMAN IDURONATE-2-SULFATASE (IDS)
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A61K 48/00 (2006.01)
A61K 38/00 (2006.01)
A61P 3/00 (2006.01)
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(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C07K 16/28 (2006.01)
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(72) FANG, Jianmin; SU, Xiaohong; GUO, Xuguang; HE, Ruyi
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(51) Int. Cl.
A61K 38/47 (2006.01)
A61K 48/00 (2006.01)
C12N 15/86 (2006.01)
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(31) 63/142,257 **(32)** 27.01.21 **(33)** US
(43) 04.08.2022
(72) MARTIN, Paul, Taylor
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(54) COMPOSITIONS AND METHODS FOR TREATING DISEASE ASSOCIATED WITH DUX4 OVEREXPRESSION
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C12N 15/113 (2010.01)
A61K 31/56 (2006.01)
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A61P 5/00 (2006.01)
A61K 31/55 (2006.01)
A61K 31/553 (2006.01)
A61P 11/00 (2006.01)
A61P 17/00 (2006.01)
A61P 19/00 (2006.01)
A61P 35/00 (2006.01)
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C07D 401/14 (2006.01)
C07D 413/14 (2006.01)
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(51) Int. Cl.
E21B 47/01 (2012.01)
E21B 17/18 (2006.01)
E21B 47/017 (2012.01)
E21B 47/024 (2006.01)
G01D 11/24 (2006.01)
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(31) 2021900486 **(32)** 23.02.21 **(33)** AU
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(54) PERCUSSION DRILLING APPARATUS AND TORQUE TRANSFER METHOD
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E21B 17/04 (2006.01)
E21B 17/00 (2006.01)
E21B 17/18 (2006.01)
E21B 47/017 (2012.01)
F16D 1/112 (2006.01)
F16L 39/00 (2006.01)
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 (54) PERCUSSION DRILLING APPARATUS AND METHOD (WITH CHANNELS)
 (51) Int. Cl.
E21B 17/18 (2006.01)
E21B 1/30 (2006.01)
E21B 4/14 (2006.01)
E21B 21/12 (2006.01)
E21B 47/01 (2012.01)
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 (54) PERCUSSION DRILLING APPARATUS AND METHOD (WITH DAMPER)
 (51) Int. Cl.
E21B 47/017 (2012.01)
E21B 1/30 (2006.01)
E21B 4/14 (2006.01)
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 (31) 2021900484 (32) 23.02.21 (33) AU
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A63B 5/20 (2006.01)
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 (72) RINGSHALL, Adam
 (74) PIPERS
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B01J 20/22 (2006.01)
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 (51) Int. Cl.
A46B 3/00 (2006.01)
A46B 7/04 (2006.01)
B08B 1/00 (2006.01)
H02S 40/10 (2014.01)
 (87) WO2022/162608
 (31) 17/162,586 (32) 29.01.21 (33) US
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 (72) ROBERT EITELHUBER, Georg
 (74) Patenteur Pty Ltd
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 (21) 2021428570 (22) 31.12.2021
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 (51) Int. Cl.
H02S 20/32 (2014.01)
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H02S 20/30 (2014.01)
 (87) WO2022/177645
 (31) 63/133,014 (32) 31.12.20 (33) US
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 (72) MAZZETTI, William, Paul; ZHOU, Charles
 (74) Arcadia Intellectual Property
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C12Q 1/68 (2018.01)
C12Q 1/00 (2006.01)
C12Q 1/6876 (2018.01)
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 (54) APPARATUS AND METHOD OF PREPARING BONE FIBERS
 (51) Int. Cl.
A61F 2/46 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) RUNNING TIDE TECHNOLOGIES, INC.
 (11) AU-A-2021422850
 (21) 2021422850 (22) 10.12.2021
 (54) SYSTEM AND METHOD FOR GRADING AND COUNTING AQUATIC ANIMALS
 (51) Int. Cl.
A01K 61/54 (2017.01)
A01K 61/90 (2017.01)
G06V 10/00 (2022.01)
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 (31) 63/143,496 (32) 29.01.21 (33) US
 (43) 04.08.2022
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) S&C ELECTRIC COMPANY
 (11) AU-A-2022226930
 (21) 2022226930 (22) 22.02.2022
 (54) TRANSFORMER OVERCURRENT PROTECTION
 (51) Int. Cl.
H02H 7/04 (2006.01)
G01R 22/10 (2006.01)
H02H 7/00 (2006.01)
H02H 7/045 (2006.01)
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 (31) 63/153,658 (32) 25.02.21 (33) US
 (43) 01.09.2022
 (72) BISHOP, Martin; WILLIAMS, Stephen; PEREZ, Marcelo
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- (71) SAINT-GOBAIN ISOVER
 (11) AU-A-2022225146
 (21) 2022225146 (22) 25.02.2022
 (54) FURNACE CONTROL
 (51) Int. Cl.
C03B 1/02 (2006.01)
C03B 3/00 (2006.01)
C03B 5/00 (2006.01)
C03B 5/193 (2006.01)
C03B 5/235 (2006.01)
C03B 5/24 (2006.01)
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 (74) Griffith Hack
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 (11) AU-A-2022218912
 (21) 2022218912 (22) 09.02.2022
 (54) INTRA-STIMULUS RECRUITMENT CONTROL
 (51) Int. Cl.
A61N 1/36 (2006.01)
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 (31) 2021900311 (32) 09.02.21 (33) AU
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 (72) KARANTONIS, Dean Michael; SINGLE, Peter Scott Vallack; WAH, James Hamilton
 (74) Monks IP
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 (11) AU-A-2021411896
 (21) 2021411896 (22) 29.12.2021
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G06Q 10/06 (2023.01)
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A61K 9/16 (2006.01)
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A61M 16/10 (2006.01)
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A61K 48/00 (2006.01)
A61P 37/00 (2006.01)
C12N 15/70 (2006.01)
C12N 15/90 (2006.01)
G01N 33/569 (2006.01)
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C07D 471/04 (2006.01)
A61K 9/20 (2006.01)
A61K 31/4985 (2006.01)
A61P 33/00 (2006.01)
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H01L 31/0236 (2006.01)
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C07C 4/04 (2006.01)
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C10L 3/10 (2006.01)
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 C12N 7/00 (2006.01)
 A61P 25/00 (2006.01)
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 F16K 17/36 (2006.01)
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 A61B 5/0225 (2006.01)
 A61B 5/024 (2006.01)
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 G16H 50/30 (2018.01)
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 A62C 35/68 (2006.01)
 A62C 37/11 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

(71) WORLDPAY, LLC
(11) AU-A-2021416824
(21) 2021416824 **(22)** 29.10.2021
(54) SYSTEMS AND METHODS FOR EX-
 ECUTING REAL-TIME ELECTRONIC
 TRANSACTIONS USING API CALLS
(51) Int. Cl.
G06Q 20/02 (2012.01)
G06Q 20/08 (2012.01)
G06Q 20/40 (2012.01)
G06Q 40/00 (2023.01)
(87) WO2022/150091
(31) 17/142,693 **(32)** 06.01.21 **(33)** US
(43) 14.07.2022
(72) WIED, William, J.; CHEEMA, Aman,
 S.; DINAN, Stephen, E.; DRAGAN,
 Manuela
(74) FB Rice Pty Ltd

(71) WU, B.; WU, B.; KUNMING RUISIDE
 TECHNOLOGY CO., LTD
(11) AU-A-2021411563
(21) 2021411563 **(22)** 01.12.2021
(54) USE OF HRPZ-TYPE MULTI-MIMO-
 TOPE EPITOPE LIGAND PROTEIN IN

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- FOODS, COSMETICS, HEALTH CARE PRODUCTS OR PHARMACEUTICALS
- (51) Int. Cl.
C07K 14/195 (2006.01)
A61P 5/50 (2006.01)
A61P 31/12 (2006.01)
C07K 14/21 (2006.01)
C12N 15/70 (2006.01)
- (87) WO2022/142977
(31) 202011631000.3 (32) 31.12.20 (33) CN
202011644674.7 31.12.20 CN
(43) 07.07.2022
(72) WU, Boji; WU, Baozhen
(74) Madderns Pty Ltd
-
- (71) XINGZHONG (SHANDONG) ENERGY TECHNOLOGY CO., LTD.
(11) AU-A-2021423034
(21) 2021423034 (22) 04.02.2021
(54) STAR CIRCULATION SYSTEM FOR OCEAN THERMAL ENERGY CONVERSION APPARATUS
- (51) Int. Cl.
F01K 27/02 (2006.01)
F01D 15/10 (2006.01)
C02F 103/08 (2006.01)
- (87) WO2022/160366
(31) 202110135096.2 (32) 01.02.21 (33) CN
(43) 04.08.2022
(72) FANG, Panpan
(74) PATENTS AU PTY LTD
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- (71) XINGZHONG (SHANDONG) ENERGY TECHNOLOGY CO., LTD.
(11) AU-A-2021424943
(21) 2021424943 (22) 04.02.2021
(54) XINGHE LOOP SYSTEM FOR OCEAN THERMAL ENERGY CONVERSION APPARATUS
- (51) Int. Cl.
F01K 25/10 (2006.01)
H05K 7/20 (2006.01)
- (87) WO2022/160367
(31) 202110135095.8 (32) 01.02.21 (33) CN
(43) 04.08.2022
(72) FANG, Panpan
(74) PATENTS AU PTY LTD
-
- (71) XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
(11) AU-A-2021415070
(21) 2021415070 (22) 10.06.2021
(54) LOAD SENSOR CALIBRATION METHOD AND APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM
- (51) Int. Cl.
G01L 25/00 (2006.01)
F03D 17/00 (2016.01)
G06F 18/00 (2023.01)
G06F 18/214 (2023.01)
- (87) WO2022/142149
(31) 202011634703.1 (32) 31.12.20 (33) CN
(43) 07.07.2022
(72) XUE, Da; ZHANG, Wenlei; LIU, Lei
(74) Madderns Pty Ltd
-
- (71) Yokogawa Electric Corporation
(11) AU-A-2021424314
(21) 2021424314 (22) 25.11.2021
(54) CONCENTRATION APPARATUS AND CONCENTRATION METHOD
- (51) Int. Cl.
C02F 1/44 (2023.01)
C12M 1/00 (2006.01)
C12N 1/02 (2006.01)
- (87) WO2022/163104
(31) 2021-013736 (32) 29.01.21 (33) JP
(43) 04.08.2022
(72) MATSUI Yasuhiro; INOUE Kentaro; KATAYAMA Hiroyuki
(74) FB Rice Pty Ltd
-
- (71) ZAZZLE INC.
(11) AU-A-2022247245
(21) 2022247245 (22) 23.01.2022
(54) GENERATING AND USING TOKENS TO REQUEST SERVICES AND ACCESS TO A PRODUCT COLLABORATION PLATFORM
- (51) Int. Cl.
G06Q 30/00 (2023.01)
G06Q 50/10 (2012.01)
- (87) WO2022/211883
(31) 17/217,870 (32) 30.03.21 (33) US
(43) 06.10.2022
(72) BEAVER III, Robert, I.; HARVILL, Leslie Young
(74) Ellis Terry
-
- (71) ZHANG, H.
(11) AU-A-2022215680
(21) 2022215680 (22) 17.01.2022
(54) PNEUMATIC NAILING GUN WITH ADJUSTABLE NAILING FORCE
- (51) Int. Cl.
B25C 1/04 (2006.01)
- (87) WO2022/166564
(31) 202110143489.8 (32) 02.02.21 (33) CN
202122238613.7 15.09.21 CN
(43) 11.08.2022
(72) ZHANG, Huading
(74) A.P.T. Patent and Trade Mark Attorneys
-
- (71) ZILZER, C.
(11) AU-A-2021416075
(21) 2021416075 (22) 22.12.2021
(54) DYNAMICALLY SHAPED CONVEYOR GUIDE APPARATUS AND RELATED METHODS
- (51) Int. Cl.
B65G 21/20 (2006.01)
B65G 47/84 (2006.01)
- (87) WO2022/146805
(31) 17/238,621 (32) 23.04.21 (33) US
63/132,195 30.12.20 US
(43) 07.07.2022
(72) ZILZER, Carlos
(74) Jones Tulloch
-
- (71) ZIMMER BIOMET CMF AND THORACIC, LLC
(11) AU-A-2022219047
- (21) 2022219047 (22) 03.02.2022
(54) RIGID STERNAL FIXATION
- (51) Int. Cl.
A61B 17/82 (2006.01)
- (87) WO2022/173651
(31) 63/147,409 (32) 09.02.21 (33) US
(43) 18.08.2022
(72) O'BRIEN II, Todd Shay; KNOWLES, Ely Lucas; BILLARD, Max Holland; HAUSMAN, Adam Webster; GARCIA, Saddy Rodolfo
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Zynerba Pharmaceuticals, Inc.
(11) AU-A-2022213009
(21) 2022213009 (22) 28.01.2022
(54) TREATMENT OF SLEEP APNEA WITH CBD
- (51) Int. Cl.
A61K 31/05 (2006.01)
A61P 25/20 (2006.01)
- (87) WO2022/162621
(31) 63/142,835 (32) 28.01.21 (33) US
(43) 04.08.2022
(72) PALUMBO, Joseph; GUTTERMAN, Donna; SEBREE, Terri
(74) Davies Collison Cave Pty Ltd

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2020483818	NINGDE AMPEREX TECHNOLOGY LIMITED	2021422850	RUNNING TIDE TECHNOLOGIES, INC.
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2021401154	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC); OXFORD BROOKES UNIVERSITY	2021423034	XINGZHONG (SHANDONG) ENERGY TECHNOLOGY CO., LTD.
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2021411563	WU, B.; WU, B.; KUNMING RUISIDE TECHNOLOGY CO., LTD	2021424417	SEKISUI HOUSE, LTD.
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		2022206018	CLEANTECH GEOMECHANICS INC.
		2022206302	AKEBIA THERAPEUTICS, INC.

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2022216830	KOB GMBH	2022220340	MARQUEZ LOPEZ, F.
2022216834	BASF SE	2022220455	SAMSUNG ELECTRONICS CO., LTD.
2022216838	VESALE BIOSCIENCE SRL	2022220607	VIASAT, INC.
2022216878	ARTIOS PHARMA LIMITED	2022220705	ECOLAB USA INC.
2022216903	FISHER & PAYKEL HEALTHCARE LIMITED	2022220752	WONDERLAND SWITZERLAND AG
2022217100	KUROSO BIOSCIENCES B.V.; MEDSKIN SOLUTIONS DR. SUWELACK AG	2022220754	CARTHERICS PTY. LTD.; TOOLGEN INCORPORATED
2022217127	CATERPILLAR INC.	2022220755	GAY, N.
2022217160	ADS THERAPEUTICS LLC	2022220758	QMR (IP) PTY LTD
2022217173	GLISTEN LLC	2022220861	BECTON, DICKINSON AND COMPANY
2022217272	OHIO STATE INNOVATION FOUNDATION	2022220893	RINGSHALL, A.
2022217319	HUTCHMED LIMITED	2022221284	REGENXBIO INC.
2022217380	KES-TECH-GROUP GMBH	2022221328	CAYOSOFT, INC.
2022217418	PAUL HARTMANN AG	2022221621	VAXCYTE, INC.
2022217436	LEONARDO UK LTD	2022221637	GLYCOMIMETICS, INC.
2022217520	FISHER & PAYKEL HEALTHCARE LIMITED	2022221663	WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD.
2022217537	OCTOPUS ENERGY HEATING LIMITED	2022221695	COLGATE-PALMOLIVE COMPANY
2022217587	NICHIMO CORPORATION; C. I. TAKIRON CORPORATION; C. I. TAKIRON CIVIL CORPORATION	2022221730	VELLA, J.
2022217673	INTELGENX CORP.	2022221743	ELECTROLUX DO BRASIL S.A.
2022217767	THE GENERAL HOSPITAL CORPORATION	2022221953	FRONIUS INTERNATIONAL GMBH
2022217775	CAPITAL ONE SERVICES, LLC	2022221983	JANSSSEN VACCINES & PREVENTION B.V.
2022217791	AMGEN INC.	2022222330	SOLVAY SPECIALTY POLYMERS USA, LLC; CYTEC INDUSTRIES INC
2022217815	CRYOPORT, INC.	2022222387	NIGHTINGALE HEALTH OYJ
		2022222609	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
		2022222645	HIGHWAY EQUIPMENT COMPANY

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202222668	PRC-DESOTO INTERNATIONAL, INC.	2022231896	MARICAP OY
202222674	INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION	2022232139	SCAN COIN AB
202222762	EMERSON AUTOMATION SOLUTIONS FINAL CONTROL US LP	2022232414	INVENTAGE LAB INC.
202222793	BOSTON SCIENTIFIC SCIMED, INC.	2022232517	TERRAN BIOSCIENCES, INC.; THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; THE RESEARCH FOUNDATION FOR MENTAL HEALTH HYGIENE, INC.
202222805	T.F.H. PUBLICATIONS, INC.	2022232927	RIGEL PHARMACEUTICALS, INC.
202222824	SOUTHERN GREEN GAS LIMITED	2022233131	AMGEN INC.
202222937	REMEGEN CO., LTD.	2022233152	AMGEN INC.
202222937	NEUROLENS, INC.	2022233255	INTERNATIONAL BUSINESS MACHINES CORPORATION
2022223462	GUSTAV PIRAZZI & COMP. GMBH & CO. KG	2022233704	UNIVERSITEIT GENT
2022223505	GRIPPLE LIMITED	2022233894	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2022223750	CAREL INDUSTRIES S.P.A.	2022234026	MAGENTA MEDICAL LTD
2022223845	ENEOS CORPORATION	2022235181	FRIESLANDCAMPINA NEDERLAND B.V.
2022223977	INHIBRX, INC.	2022235362	CJ CHEILJEDANG CORPORATION
2022224178	NIPPON THERMOSTAT CO., LTD.	2022236183	HILTI AKTIENGESELLSCHAFT
2022224225	TRUMA GERÄTE TECHNIK GMBH & CO. KG	2022236291	WANTECH PTY LTD
2022224456	NIGHTINGALE HEALTH OYJ	2022236936	ADVANCED HUMAN IMAGING LIMITED
2022224520	CERES INTELLECTUAL PROPERTY COMPANY LIMITED	2022237329	MICROSOFT TECHNOLOGY LICENSING, LLC
2022224571	TETRAVISION, LLC	2022237594	CASALE SA
2022224599	MOLEAER, INC.	2022237690	HILTI AKTIENGESELLSCHAFT
2022224880	RIG TECHNOLOGIES INTERNATIONAL PTY LTD	2022238235	ROSETTA SIGNALING LABORATORIES, LLC
2022224997	BAE SYSTEMS HÄGGLUNDS AKTIEBOLAG	2022238772	MICROSOFT TECHNOLOGY LICENSING, LLC
2022225061	F. HOFFMANN-LA ROCHE AG	2022239674	HILTI AKTIENGESELLSCHAFT
2022225146	SAINT-GOBAIN ISOVER	2022239825	CYBIN IRL LIMITED
2022225829	RIG TECHNOLOGIES INTERNATIONAL PTY LTD	2022240057	JFE STEEL CORPORATION
2022226160	CAPITAL ONE SERVICES, LLC	2022240495	LIQUI-BOX CORPORATION
2022226256	BECTON, DICKINSON AND COMPANY	2022241767	STROMA MEDICAL CORPORATION
2022226455	DNYPATCH LIMITED	2022242699	MEDINCELL S.A.
2022226584	OAKWOOD LABORATORIES, LLC	2022242859	IPSEN BIOPHARM LIMITED
2022226635	BARD ACCESS SYSTEMS, INC.	2022243218	NIPPON SODA CO., LTD.
2022226677	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH; BIOVENTURES, LLC	2022243295	SUNGROW POWER SUPPLY CO., LTD.
2022226850	RIG TECHNOLOGIES INTERNATIONAL PTY LTD	2022244102	METALOGENIA RESEARCH & TECHNOLOGIES S.L.
2022226930	S&C ELECTRIC COMPANY	2022244472	BRAVADO HOLDING AG
2022227002	BECTON, DICKINSON AND COMPANY	2022246532	HALLIBURTON ENERGY SERVICES, INC.
2022227008	ALUCENT BIOMEDICAL, INC.	2022246740	ILLUMINA, INC.
2022227105	OBRIST TECHNOLOGIES GMBH	2022247245	ZAZZLE INC.
2022227150	F. HOFFMANN-LA ROCHE AG	2022247319	IMPULSE DYNAMICS NV
2022227437	RIG TECHNOLOGIES INTERNATIONAL PTY LTD	2022248713	BIOTRONIK SE & CO. KG
2022227496	HOWMEDICA OSTEONICS CORP.	2022249289	ILLUMINA, INC.; ILLUMINA CAMBRIDGE LIMITED
2022227568	DSM IP ASSETS B.V.	2022250976	THERAPEX CO., LTD.; INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY
2022227652	OPEX CORPORATION	2022255051	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022227673	IMPACT BIOMEDICINES, INC.	2022257269	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2022227741	BECTON, DICKINSON AND COMPANY	2022258653	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2022228489	OAKWOOD LABORATORIES, LLC	2022259134	SHONAN GOSEI-JUSHI SEISAKUSHO K.K.
2022228541	ELI LILLY AND COMPANY	2022259447	BIOTRONIK SE & CO. KG
2022228616	KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH	2022259537	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2022229348	SLEEP NUMBER CORPORATION	2022262073	HALLIBURTON ENERGY SERVICES, INC.
2022229349	AB INITIO TECHNOLOGY LLC	2022263102	SAMSUNG ELECTRONICS CO., LTD.
2022229434	SUMITOMO CHEMICAL COMPANY, LIMITED	2022265703	F. HOFFMANN-LA ROCHE AG
2022229531	H.B. FULLER COMPANY	2022265744	THAT CORPORATION
2022229537	FUJITSU GENERAL LIMITED	2022266992	F. HOFFMANN-LA ROCHE AG
2022229722	IDEXX LABORATORIES, INC.	2022267054	TYCO FIRE PRODUCTS LP
2022230233	TURUN YLIOPISTO	2022272255	PSIQUANTUM, CORP.
2022230282	HAMAMATSU PHOTONICS K.K.	2022274703	ALKAHEST, INC.
2022230374	IMMUNITYBIO, INC.	2022276551	PRECISION PLANTING LLC
2022230471	BOSTON SCIENTIFIC SCIMED, INC.	2022281231	HALLIBURTON ENERGY SERVICES, INC.
2022230670	KNORR-BREMSE SYSTEME FÜR SCHIENENFAHRZEUGE GMBH	2022288064	HALLIBURTON ENERGY SERVICES, INC.
2022230745	FORMYCON AG	2022313786	BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED; BOSTON SCIENTIFIC SCIMED, INC.
2022231007	AMRYT PHARMACEUTICALS INC.	2022318296	COOPERVISION INTERNATIONAL LIMITED
2022231068	NANTBIO, INC.	2022318447	COOPERVISION INTERNATIONAL LIMITED
2022231123	CAPITAL ONE SERVICES, LLC	2022319998	COOPERVISION INTERNATIONAL LIMITED
2022231183	BOSTON SCIENTIFIC SCIMED, INC.	2022327524	SHENZHEN SALUBRIS PHARMACEUTICALS CO., LTD.
2022231184	GENENTECH, INC.	2022330960	TONGWEI SOLAR (JINTANG) CO., LTD.
2022231364	GEA LYOPHIL GMBH	2022338577	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2022231400	TURUN YLIOPISTO	2022339417	BIALIK, A.
2022231845	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022366667	LEXMARK INTERNATIONAL, INC.

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2022373000	MEOKTONG CORP.
2022431337	JIANGSU HUAYUAN WATER-SAVING CO., LTD
2023202087	Bisviridi Ltd
2023207248	PHILIPS DOMESTIC APPLIANCES HOLDING B.V.

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2022216349		2022229434	2021416286	2022211421	202222793
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2022276551		2022229434	2022213941	2022224571	2022230471
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2022222645		2022219162	2022213518	<u>A61B 3 /-</u>	2022241767
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2022431337		2021424483	2022214509	<u>A61B 34 /-</u>	<u>A61H 19 /-</u>
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2022222645		2022206415	2022214509	2022214066	2022213941
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2022236291	2021419389	2022255051	2022229348	<u>A61B 5 /-</u>	2022219543
	2022219942			2021413893	<u>A61K 31 /-</u>
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2022236291	2022216834	2022206415	2022214276	2021427330	2021411947
				2022210719	2021411959
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2022236291	2022243218	2021414652	2021413966	2022216529	2021413439
		2022235181		2022217520	2021414089
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2022212767	2022243218	2022219162	2020481640	2022219532	2021426502
				2022220250	2022205664
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2022211501	2022243218	2022235181	2020481640	2022226635	2022206302
				2022230233	2022207675
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2022211136	2022214089	2022219162	2023207248	<u>A61B 6 /-</u>	2022212106
	2022216425			2022339417	2022212108
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2022211136	2022229434	2022219162	2023207248	2022212883	2022212883
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2022211136	2022216425	2022216787	2022214427	<u>A61B 90 /-</u>	2022214313
2022212767	2022243218		2022217272	2022214066	2022214530
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2022216235	2022216834		2022210438	<u>A61F 2 /-</u>	2022215004
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2022222805					2022216284
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2022217767	2022209703		2022222793		2022210485
2022217791	2022210485	<u>A61K 8 /-</u>	2022226635	2021414089	2022211285
2022218110	2022211438		2022227008	2022212883	2022211438
2022218128	2022211952	2022242859		2022216260	2022212151
2022218787	2022212307		<u>A61M 3 /-</u>		2022212307
2022219346	2022212599	<u>A61K 9 /-</u>		<u>A61P 25 /-</u>	2022212909
2022220037	2022212600		2022219999		2022213913
2022221663	2022213010	2021413439		2022210509	2022214455
2022226584	2022213496	2021425941	<u>A61M 39 /-</u>	2022210856	2022214582
2022227673	2022214291	2021426502		2022211055	2022216463
2022228489	2022214914	2022207069		2022211952	2022216696
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2022231007	2022219487	2022214530	<u>A61M 5 /-</u>	2022213009	2022217319
2022232414	2022220754	2022215004		2022213437	2022217791
2022232927	2022221621	2022216284		2022215118	2022218110
2022235181	2022221983	2022217160		2022217767	2022218128
2022239825	2022222937	2022217673		2022226584	2022219543
2022250976	2022223977	2022218782		2022212477	2022220217
2022258653	2022231068	2022219346		2022212481	2022220754
2022259537	2022242699	2022220313		2022212482	2022221663
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		2022226584		2022214174	2022227673
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		2022230745		2022214821	2022230374
2022213571	2022218951	2022232414		2022219532	2022231068
2022220004		2022242699		2022219999	2022232927
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2022209703		2021431616		2022214313	<u>A61P 37 /-</u>
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2022214547	2022205664	2021431616	<u>A61N 1 /-</u>	2022327524	2022214455
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2022215566	2022210988	<u>A61L 27 /-</u>		<u>A61P 3 /-</u>	2022232414
2022220027	2022211952		2021426776		2022232927
2022220328	2022213437		2021438406	2022212599	
2022220754	2022213571		2022218912	2022221284	<u>A61P 39 /-</u>
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	2022215004	<u>A61L 29 /-</u>		2022231007	2022207675
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2022220037	2022218951		2022242699	2021411563	2022214480
	2022219999		<u>A61P 11 /-</u>	2022209870	2022217767
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2022208466	2022226584		2022214530	2022212909	2021411563
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2022209870	2022242699		2022221983	2022215004	<u>A61P 7 /-</u>
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2022215418	<u>A61K 48 /-</u>		2022257269	2022219487	2022206302
2022216272			2022258653	2022221621	2022209867
2022218782	2021412962	<u>A61L 9 /-</u>	2022259537	2022221983	2022213010
2022219999	2022208480			2022222674	2022214914
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2020484439		2022267054	2022212924		
			2022214176	<u>B63C 11 /-</u>	2021416075
<u>B01D 15 /-</u>	<u>B03B 11 /-</u>	<u>B25C 1 /-</u>	<u>B41J 2 /-</u>	2021414770	<u>B65G 47 /-</u>
2022233131	2022218911	2022215680	2022212924		
				<u>B64C 11 /-</u>	2021416075
<u>B01D 17 /-</u>	<u>B03B 5 /-</u>	<u>B25J 9 /-</u>	<u>B60B 29 /-</u>	2022211444	<u>B65G 5 /-</u>
2022216343	2022218911	2022212296	2022219960		2022206018
		2022227652		<u>B64C 29 /-</u>	
<u>B01D 5 /-</u>	<u>B03C 1 /-</u>	<u>B26D 3 /-</u>	<u>B60B 30 /-</u>	2022211444	<u>B65G 53 /-</u>
2021413879	2022212208	2022218786	2022219960		2022231896
				<u>B64D 27 /-</u>	
<u>B01D 53 /-</u>	<u>B03D 1 /-</u>	<u>B26D 7 /-</u>	<u>B60N 2 /-</u>	2022211444	<u>B65G 54 /-</u>
2021413879	2022216473	2022218786	2022207666		2021414302
2021427840			2022213483	<u>B65D 21 /-</u>	
2022222824	<u>B04B 11 /-</u>	<u>B29B 17 /-</u>	2022215041		<u>B65G 59 /-</u>
2022227105	2022218911	2022207492		2022212482	2022218094
				2022318447	
<u>B01D 57 /-</u>	<u>B04B 7 /-</u>	<u>B29C 48 /-</u>	<u>B60R 22 /-</u>	2022319998	<u>B65H 3 /-</u>
2022216343	2022218911	2022216830	2022213483		
				<u>B65D 25 /-</u>	2022218094
<u>B01D 61 /-</u>	<u>B05B 7 /-</u>	<u>B29C 55 /-</u>	<u>B60T 13 /-</u>	2021414652	<u>B65H 5 /-</u>
2022216343	2022222645	2022215145	2022228616	2022212482	
			2022230670		2022218094
<u>B01D 63 /-</u>	<u>B05D 3 /-</u>	<u>B29C 63 /-</u>	<u>B60T 15 /-</u>	<u>B65D 33 /-</u>	
2022216343	2022217173	2022216830	2022228616	2022212202	<u>B66B 23 /-</u>
<u>B01D 71 /-</u>	<u>B05D 5 /-</u>	<u>B29D 11 /-</u>	<u>B60T 17 /-</u>	<u>B65D 41 /-</u>	2022214112
2022214558	2022217173	2022318296	2022228616	2022207141	<u>B66B 5 /-</u>
	2022220755		2022230670		
<u>B01F 23 /-</u>	<u>B08B 1 /-</u>	<u>B29D 23 /-</u>	<u>B60W 40 /-</u>	<u>B65D 51 /-</u>	2021433702
2022224599	2022214509	2022216830	2022233894	2022240495	<u>B66B 9 /-</u>
				<u>B65D 55 /-</u>	2021428238
<u>B01F 25 /-</u>	<u>B08B 5 /-</u>	<u>B31D 5 /-</u>	<u>B60W 50 /-</u>	2022207141	<u>B66C 11 /-</u>
2022224599	2022214764	2022213821	2022233894		
				<u>B65D 65 /-</u>	2021412504
<u>B01J 13 /-</u>	<u>B09B 3 /-</u>	<u>B32B 27 /-</u>	<u>B62B 5 /-</u>	2022219748	<u>B66C 13 /-</u>
2022228489	2023202087	2022212202	2022215058		
		2022219748		<u>B65D 75 /-</u>	2022216207
<u>B01J 20 /-</u>	<u>B23D 75 /-</u>	202222330	<u>B62B 7 /-</u>	2022212202	<u>B66C 23 /-</u>
2021427840	2022215327		2022220752	2022318447	2022216207
2022220044		<u>B32B 7 /-</u>			
2022222824		2022219748	<u>B62B 9 /-</u>	<u>B65D 77 /-</u>	<u>B66C 7 /-</u>
			2022215058	2022240495	
<u>B01J 31 /-</u>	<u>B23D 77 /-</u>				2021412504
2022209596	2022215327				

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B66D 1 /-	C04B 26 /-	C07D 221 /-	2022221663		2022206475
2022208419	2022236183	2022212883	2022232927	C07D 498 /-	2022207029
	2022237690		2022250976	2022214530	2022209703
	2022239674	C07D 223 /-	2022327524	2022217791	2022209870
B82Y 10 /-				2022258653	2022211952
2022212091	C04B 7 /-	2022212883	C07D 403 /-		2022212599
	2022214315		2021414253	C07D 519 /-	2022212600
B82Y 20 /-		C07D 227 /-	2022212151	2022217791	2022213010
2022212091	C05G 3 /-	2022214618	2022214313		2022213496
	2022216425	C07D 231 /-	2022214582	C07F 7 /-	2022213913
C01B 13 /-			2022214618	2022221637	2022214291
2022209596	C06B 25 /-	2022214089	C07D 405 /-		2022214547
	2021427742		2022212106	C07F 9 /-	2022214822
C01B 3 /-		C07D 235 /-	2022250976	2022210988	2022214914
2021424483	C06B 29 /-	2022214582	C07D 407 /-		2022215119
2022209596	2021427742	C07D 239 /-		C07H 1 /-	2022216617
2022223845			2022212883	2022221637	2022222937
C01B 32 /-	C06D 5 /-	2022218292	C07D 409 /-		2022223977
2020483818	2021427742	C07D 241 /-	2022259537	C07H 15 /-	2022231068
2021424483				2022210386	C07K 19 /-
2021427840	C07B 59 /-	2022218292	C07D 413 /-	2022221637	2022208466
2022217173	2022217791	C07D 249 /-			2022209867
2022227105	2022239825		2022221663	C07H 21 /-	2022210988
		2022214089	2022232927	2022212909	2022221621
C01B 33 /-	C07C 211 /-	C07D 257 /-	2022259537		C08B 11 /-
2020483818	2022216878		C07D 417 /-	C07H 7 /-	2022210861
		2022214089		2022210386	C08F 122 /-
C01F 11 /-	C07C 237 /-	C07D 261 /-	2022214582	2022221637	2022229531
2022213571	2021401154		2022218128	C07J 7 /-	C08F 210 /-
		2021413366	2022221663	2022205664	2021415121
C01F 5 /-	C07C 253 /-	C07D 277 /-	2022232927		C08G 18 /-
2022213571	2022229531		C07D 453 /-	C07K 1 /-	2022218108
		2022214582		2022227150	2022236183
C01F 7 /-	C07C 35 /-	C07D 279 /-	2022217673	2022233131	2022237690
2022220705	2021411947		C07D 471 /-	C07K 14 /-	2022239674
		2022212883		2021411563	C08G 63 /-
C02F 1 /-	C07C 4 /-	C07D 281 /-	2022210247	2022206395	2022216473
2021410998	2021425733		2022211285	2022208466	2022220044
2021413879		2022205964	2022213476	2022208480	
2021424314	C07C 49 /-	C07D 311 /-	2022217319	2022209703	C08G 65 /-
	2021411947		2022218128	2022209867	2022222330
C02F 103 /-		2022212883	2022219346	2022210485	
2021413879	C07C 51 /-	C07D 313 /-	C07D 487 /-	2022210988	C08G 73 /-
2021423034	2021425469			2022211438	2022210861
		2022212883	2022213476	2022212276	
C02F 11 /-	C07C 57 /-	C07D 335 /-	2022217319	2022214455	C08G 75 /-
2023202087	2022205964		C07D 491 /-	2022215418	2022210861
		2022212883		2022216272	C08G 75 /-
C03B 1 /-	C07C 59 /-	C07D 337 /-	2022212151	2022220027	2022222668
2022225146	2021425469		2022212883	2022220217	
		2022212883	2022216696	2022221621	C08K 3 /-
C03B 3 /-	C07D 209 /-	C07D 337 /-	2022217791	202221983	2021415121
2022225146	2022239825		C07D 493 /-	202222674	2021428545
		2022212883		2022228541	2022213571
C03B 5 /-	C07D 213 /-	C07D 401 /-	2022212883	2022231068	2022220755
2022225146	2022218292		2022216878	2022242859	
		2021414253	C07D 495 /-	C07K 16 /-	C08K 5 /-
		2021438824		2021411896	2021415121
		2022212106	2022213476	2021414400	2022218108
		2022214089	2022217791	2022205348	
		2022216878	2022257269	2022205694	
		2022217319			

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2022220755	<u>C10G 9 /-</u>	2022210485	<u>C21D 9 /-</u>	<u>D04B 3 /-</u>	<u>E06B 9 /-</u>
<u>C08L 1 /-</u>	2021425733	2022211438			
	2022207492	2022214547	2022240057	2022216186	2021425243
2022220755		2022216617			
	<u>C10L 3 /-</u>	2022218181	<u>C22B 1 /-</u>	<u>D04B 33 /-</u>	<u>E21B 1 /-</u>
<u>C08L 23 /-</u>		2022219794			
	2021425733	2022220313	2021424483	2022216186	2022226850
2021415121		2022220754	2022214315		2022227437
	<u>C12C 5 /-</u>	2022230374		<u>D06M 13 /-</u>	
<u>C08L 33 /-</u>			<u>C22B 5 /-</u>		<u>E21B 10 /-</u>
	2021413996		2021424483	2022210861	2021412889
2022220755		<u>C12N 7 /-</u>		<u>E01C 11 /-</u>	
	<u>C12G 1 /-</u>	2022206469			
<u>C08L 43 /-</u>		2022211055	<u>C22B 7 /-</u>	2022215145	<u>E21B 17 /-</u>
	2021413996	2022216311	2022218911		2022207211
2021415121				<u>E01C 13 /-</u>	2022224880
	<u>C12G 3 /-</u>	<u>C12N 9 /-</u>	<u>C22C 33 /-</u>		2022225829
<u>C08L 75 /-</u>		2021413230	2021424483	2021428545	2022226850
	2021413996	2021415461		<u>E01C 19 /-</u>	
2022227741		2021416258			<u>E21B 19 /-</u>
2022236183	<u>C12M 1 /-</u>	2021424650	<u>C22C 38 /-</u>	2022222645	2021430923
2022237690		2022209867			
2022239674	2021424314	2022211934	2022219117	<u>E01C 3 /-</u>	<u>E21B 21 /-</u>
		2022218801	2022240057		
<u>C08L 81 /-</u>	<u>C12M 3 /-</u>	2022220313		<u>E01H 10 /-</u>	2022226850
		2022220754	<u>C25B 1 /-</u>	2022215145	
2022222668	2022214700	2022235362			<u>E21B 33 /-</u>
			2022209558	<u>E02D 31 /-</u>	
<u>C09D 183 /-</u>	<u>C12N 1 /-</u>	<u>C12P 13 /-</u>	2022215657		<u>E21B 34 /-</u>
		2022211934	2022224520	2022222645	2022288064
2022217173	2021413230	2022235362	2022227105		
	2021416258		<u>C25B 11 /-</u>	2022215145	2022211408
<u>C09D 4 /-</u>	2021424314			<u>E02F 9 /-</u>	2022288064
	2022219238	<u>C12P 21 /-</u>	2022209558		
2022229531	2022220027			<u>E21B 37 /-</u>	
		2021413230	<u>C25B 15 /-</u>	2022244102	
<u>C09D 5 /-</u>	<u>C12N 11 /-</u>	2021416258			2021427206
		2022206469	2022214764	<u>E03B 7 /-</u>	2022281231
2022217173	2022219238		2022223845		
		<u>C12Q 1 /-</u>	<u>C25B 3 /-</u>	2022214276	<u>E21B 4 /-</u>
<u>C09J 11 /-</u>	<u>C12N 15 /-</u>				
		2021426144	2022215657	<u>E03C 1 /-</u>	2022226850
2022219748	2021411563	2022205595	2022223845	2022214276	2022227437
	2021411959	2022207415	2022227105		
<u>C09J 133 /-</u>	2021413230	2022210851		<u>E04B 1 /-</u>	<u>E21B 43 /-</u>
	2021414089	2022212112	<u>C25B 9 /-</u>		
2022220755	2021415461	2022213409		<u>E04B 2 /-</u>	2022288064
	2021416258	2022216838	2022214764	2021425254	
<u>C09J 175 /-</u>	2022206469	2022218801	2022215657		<u>E21B 47 /-</u>
	2022208480	2022238235	2022223845	<u>E04B 2 /-</u>	
2022218108	2022209867	2022246740	2022224520	2021419346	2022224880
2022219748	2022211055	2022249289			2022225829
	2022211438		<u>C25D 1 /-</u>	<u>E04C 2 /-</u>	2022226850
<u>C09J 4 /-</u>	2022211934	<u>C21B 11 /-</u>			2022227437
	2022212922		2021425600	2021425254	2022246532
2022229531	2022214822	2021424483			
	2022215566		<u>C30B 11 /-</u>	<u>E04C 3 /-</u>	<u>E21D 11 /-</u>
<u>C09J 7 /-</u>	2022216235	<u>C21B 13 /-</u>			
	2022216260		2021414416	2021425254	2022259134
2022219748	2022216272	2021424483	2021414764		
	2022216311	<u>C21B 15 /-</u>		<u>E04D 3 /-</u>	<u>E21F 15 /-</u>
<u>C09K 5 /-</u>	2022220027		<u>C30B 29 /-</u>		
	2022220313	2021424483		2021424468	2022338577
2021419389	2022220754		2021414416		
	2022235362	<u>C21D 7 /-</u>	2021414764	<u>E04F 15 /-</u>	<u>F01D 15 /-</u>
<u>C09K 8 /-</u>	2022249289				
		2022240057	<u>C40B 40 /-</u>	2022209837	2021423034
2021427206	<u>C12N 5 /-</u>			<u>E04H 15 /-</u>	<u>F01K 25 /-</u>
2022262073		2022240057	2022205694		
2022281231	2022206415	<u>C21D 8 /-</u>	2022206475	2022373000	2021424943
	2022206469				
<u>C10G 1 /-</u>	2022209856	2022219117			
	2022209870				
2022207492					

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<u>F01K 27 /-</u>	<u>F16K 27 /-</u>	<u>F24F 13 /-</u>	<u>F28F 21 /-</u>	2022246740	<u>G01S 19 /-</u>
2021423034	2022222762	2021416269	2022212967	<u>G01N 30 /-</u>	2021422875
<u>F01P 7 /-</u>	<u>F16K 3 /-</u>	2021445984	<u>F41A 23 /-</u>	2022233131	<u>G01S 7 /-</u>
2022224178	2022222762	<u>F24F 3 /-</u>	2022224997	<u>G01N 31 /-</u>	2022215960
<u>F03D 17 /-</u>	<u>F16K 31 /-</u>	2021416269	<u>F41A 27 /-</u>	2021427330	2022217436
2021415070	2022224178	<u>F24F 8 /-</u>	2022224997	2022220758	<u>G02B 1 /-</u>
<u>F03G 3 /-</u>	<u>F16K 47 /-</u>	2021416269	<u>F41A 9 /-</u>	<u>G01N 33 /-</u>	2022217173
2022213805	2022211408	2021427840	2022224997	2021411491	<u>G02B 21 /-</u>
2022216207	<u>F16L 1 /-</u>	<u>F24H 1 /-</u>	<u>F41B 7 /-</u>	2021426144	2022214125
<u>F03G 7 /-</u>	2022259134	2022214892	2022213821	2022207415	<u>G02B 27 /-</u>
2022217380	<u>F16L 3 /-</u>	<u>F24H 15 /-</u>	<u>F41B 9 /-</u>	2022209870	2022214125
<u>F04B 13 /-</u>	2022223505	2022215954	2022213821	2022211136	2022339417
2022212037	<u>F16L 39 /-</u>	2022217537	<u>F41G 1 /-</u>	2022212208	<u>G02B 6 /-</u>
<u>F04B 19 /-</u>	2022225829	<u>F24H 9 /-</u>	<u>F41G 11 /-</u>	2022214393	2022220250
2022212037	<u>F17C 1 /-</u>	2022214892	<u>F41G 11 /-</u>	2022216272	<u>G02C 5 /-</u>
<u>F04B 23 /-</u>	2022206018	<u>F24T 50 /-</u>	<u>F41G 11 /-</u>	2022216617	2022220755
2022212037	<u>F17C 13 /-</u>	2022206018	<u>F42B 12 /-</u>	2022217767	<u>G03B 15 /-</u>
<u>F04B 9 /-</u>	2022217815	<u>F25B 39 /-</u>	2022213821	2022218181	2021416750
2022212037	<u>F17C 3 /-</u>	<u>F25B 49 /-</u>	<u>G01C 9 /-</u>	2022218801	2022214367
<u>F04D 17 /-</u>	2022217815	<u>F25D 11 /-</u>	<u>G01D 11 /-</u>	2022220758	<u>G03B 17 /-</u>
2022229537	<u>F21K 9 /-</u>	2021435981	<u>G01D 11 /-</u>	2022220861	2021416750
<u>F15B 1 /-</u>	2021429717	<u>F25D 11 /-</u>	<u>G01D 5 /-</u>	2022222387	2022214367
2022212502	<u>F21V 29 /-</u>	<u>F25D 13 /-</u>	<u>G01D 5 /-</u>	2022224456	<u>G05D 1 /-</u>
<u>F16B 21 /-</u>	2021429717	2021419389	2022207992	2022229722	2022233894
2022244102	<u>F21Y 113 /-</u>	<u>F25D 17 /-</u>	<u>G01F 9 /-</u>	2022246740	<u>G05D 23 /-</u>
<u>F16D 1 /-</u>	2021429717	2021419389	<u>G01F 9 /-</u>	2022276551	2022214892
2022215327	<u>F21Y 115 /-</u>	2021435981	<u>G01L 25 /-</u>	<u>G01N 35 /-</u>	<u>G05D 27 /-</u>
2022225829	<u>F24B 7 /-</u>	<u>F25D 21 /-</u>	2021415070	2022207990	2022214367
<u>F16F 15 /-</u>	2021429717	2022221743	<u>G01N 1 /-</u>	<u>G01N 9 /-</u>	<u>G05D 1 /-</u>
2022213805	<u>F24D 11 /-</u>	2022223750	<u>G01N 1 /-</u>	2022276551	2022212296
<u>F16H 61 /-</u>	2021412792	<u>F25D 29 /-</u>	<u>G01N 21 /-</u>	<u>G01P 15 /-</u>	2022227652
2022212502	<u>F24D 11 /-</u>	2022221743	<u>G01N 21 /-</u>	2022224225	2022233894
<u>F16K 1 /-</u>	2022215954	<u>F26B 5 /-</u>	2022214393	<u>G01R 22 /-</u>	<u>G05D 23 /-</u>
2022211408	<u>F24D 17 /-</u>	2022231364	2022220250	2022221953	2022214892
<u>F16K 11 /-</u>	2022217537	<u>F28D 15 /-</u>	2022231184	2022226930	<u>G05D 27 /-</u>
2022228616	<u>F24D 19 /-</u>	2020483756	<u>G01N 25 /-</u>	<u>G01R 29 /-</u>	2022214892
<u>F16K 17 /-</u>	2022215954	<u>F28D 20 /-</u>	<u>G01N 27 /-</u>	2022209671	<u>G06E 1 /-</u>
2022224225	2022217537	2022206018	2022207415	<u>G01R 31 /-</u>	2022215617
<u>F24D 3 /-</u>	2022215954	2022212967	2022216343	202221953	2022217824
			2022223750	<u>G01R 33 /-</u>	<u>G06F 1 /-</u>
			2022225061	2022216529	2021426185
				<u>G01S 13 /-</u>	2022220455
				2022215960	<u>G06F 11 /-</u>
				2022216349	2021443661
				2022220607	2022205946
				<u>G01S 17 /-</u>	2022229349
				2022215960	<u>G06F 13 /-</u>
				2022217436	2022272255

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G06F 15 /-	2022231123	G07F 7 /-	G21C 11 /-	H02J 7 /-	H04L 5 /-
2022272255	G06Q 30 /-	2022217775	2020483815	2022208865 2022221953	2021420338
G06F 16 /-	2021416002 2022221695 2022247245	G07F 9 /-	G21C 3 /-	H02J 9 /-	H04L 65 /-
2021424136 2022208508 2022210604 2022214554 2022229349	G06Q 40 /-	2020481640	2020483815	2022208865	2022212918
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G16Y 20/10 (2020.01)
H04W 4/02 (2018.01)
H04W 4/80 (2018.01)
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 A61P 25/30 (2006.01)
 C07D 401/10 (2006.01)
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G10L 19/02 (2013.01)
G10L 19/22 (2013.01)
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A61K 31/7076 (2006.01)
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B62D 5/065 (2006.01)
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 sule
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A47J 31/36 (2006.01)
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A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
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C01B 3/54 (2006.01)
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A61K 49/12 (2006.01)
A61K 51/06 (2006.01)
A61P 35/00 (2006.01)
C07D 305/14 (2006.01)
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C08G 73/02 (2006.01)
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B63C 11/52 (2006.01)
F17D 5/00 (2006.01)
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(21) 2022201006 **(22)** 16.02.2022
(54) Reference signal transmission method and device
(51) Int. Cl.
H04W 72/04 (2009.01)
(43) 03.03.2022
(44) 17.08.2023
(62) 2018382109
(72) ZHANG, Shujuan; LU, Zhaohua; JIANG, Chuangxin; WANG, Yuxin
(74) Davies Collison Cave Pty Ltd

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2016347661	Yeda Research and Development Co. Ltd.	2018207262	Strike De-Fence Pty Ltd
2016358257	Universitat Basel	2018210246	Create A Castle, LLC
2016426569	GenomSys SA	2018210381	Ohio State Innovation Foundation
2017205538	Momotaro-Gene Inc.	2018213301	Flagship Pioneering Innovations V, Inc.
2017210613	Deere & Company; Iowa State University Research Foundation, Inc.	2018216688	Extrakt Process Solutions, LLC
2017219837	MorphoSys AG; Galapagos NV	2018219273	Boehringer Ingelheim Animal Health USA Inc.; Thomas Jefferson University
2017220314	The Feinstein Institutes for Medical Research	2018221880	Botanix Pharmaceuticals Ltd; Botanix Pharmaceuticals, Inc.
2017225091	Raxel Pty Ltd	2018223976	Genfit
2017225351	Oxford University Innovation Limited	2018227020	Alimentary Health Limited
2017226172	Editas Medicine, Inc.	2018228146	Nihon Shokuhin Kako Co., Ltd.
2017234134	Curemeta Therapeutics, LLC	2018231221	Movi Medical, LLC; The UAB Research Foundation
2017234920	Pioneer Hi-Bred International, Inc.; E. I. du Pont de Nemours and Company	2018234458	Steerlife India Private Limited
2017245389	The Raymond Corporation	2018237869	Alcon Inc.
2017248498	Hunter Douglas Inc.	2018238292	Flex Fuel - Energy Development
2017250265	CarryGenes Bioengineering	2018241070	Integra LifeSciences Switzerland Sarl
2017250304	Novartis AG; The Trustees of the University of Pennsylvania	2018243336	Mitsui Chemicals Agro, Inc.
2017263810	Dovetail Genomics LLC	2018246964	BASF SE
2017268342	AbbVie Biotherapeutics Inc.; AbbVie Inc.	2018248877	Dematic GmbH
2017283479	Translate Bio, Inc.	2018253521	Dow Global Technologies LLC; Rohm and Haas Company
2017291543	Kumiai Chemical Industry Co., Ltd.	2018260733	Intrexon Corporation
2017292854	Guardant Health, Inc.	2018260798	Sumitomo Electric Industries, Ltd.
2017295898	Salk Institute for Biological Studies; Tsunekawa, Y.	2018268147	DEB IP Limited
2017302300	The Board of Trustees of the Leland Stanford Junior University	2018284252	Monsanto Technology LLC
2017306523	Koninklijke Douwe Egberts B.V.	2018284433	Attenti Electronic Monitoring Ltd.
2017307907	Koninklijke Douwe Egberts B.V.	2018286535	SpecGx LLC
2017307908	Koninklijke Douwe Egberts B.V.	2018288022	Intellitech Pty Ltd.
2017307909	Koninklijke Douwe Egberts B.V.	2018288536	Trioplast AB
2017307958	Koninklijke Douwe Egberts B.V.	2018290052	Sumitomo Electric Industries, Ltd.
2017321609	Dana-Farber Cancer Institute, Inc.	2018290315	Metso Minerals Industries, Inc.
2017322376	Genethon; INSERM (Institut National de la Santé et de la Recherche Médicale); Université d'Evry Val d'Essonne	2018293921	Griffith University
2017328913	The University Court of the University Of Edinburgh	2018294501	Philip Morris Products S.A.
2017331444	Incept, LLC	2018295575	Zavargé Pty Ltd
2017332835	Laporta, G.	2018304007	American Sterilizer Company
2017339046	Tyco Building Services Products Limited; Macron Safety Systems (UK) Limited	2018310731	Dianosic
2017341426	Seb S.A.	2018312423	BioHerbicides Australia Pty Ltd
2017342234	Linnane Pharma AB	2018315630	Amplifon S.p.A.
2017346012	Kuraray Noritake Dental Inc.	2018316817	Glen Raven, Inc.
2017346865	The Seaberg Company, Inc.	2018317813	PGS Geophysical AS
2017349489	Frebra Holding AS	2018320515	ROIVOS LIMITED
2017350549	iRobot Corporation	2018322689	Myriota Pty Ltd
2017350684	Hunter Douglas Inc.	2018323861	Rhodes Technologies
2017360088	Technip France	2018326734	Chronos Therapeutics Limited
2017363199	Board of Regents, The University of Texas System	2018330396	Husqvarna AB
2017367752	Peak Innovations Inc.	2018330444	Yale University
2017379252	Hilti Aktiengesellschaft	2018334414	Halliburton Energy Services, Inc.
2017380771	Hilti Aktiengesellschaft	2018335583	Weber, P.
2017381397	Anderson, C.	2018337748	Smartsky Networks LLC
2017382407	Applied Tissue Technologies LLC	2018343098	Metrol Technology Limited
2017383532	ENI S.p.A.	2018343985	CPPE Carbon Process & Plant Engineering S.A.
2017390611	BAE Systems Information and Electronic Systems Integration, Inc.	2018352483	Lazar Entertainment Inc.
2017402709	University of Southampton	2018372065	University College Cardiff Consultants Ltd
2017410202	BL Technologies, Inc.	2018372180	Denali Therapeutics Inc.
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2017417486	Halliburton Energy Services, Inc.	2018411551	UPL Ltd
2017435240	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018413356	Microsoft Technology Licensing, LLC
2017444907	Rovi Guides, Inc.	2018428381	Hayashi, L.
2018202502	Soremartec S.A.	2018436278	Ocean Infinity (Portugal), S.A.
2018203645	Timber Inventions Pty Ltd	2019204275	Frutarom Ltd.
2018203705	HeartSine Technologies Limited	2019205383	Quantum-Si Incorporated
		2019211356	PerkinElmer Health Sciences, Inc.
		2019213431	The Boeing Company
		2019214287	Somfy Activites SA
		2019217241	MasterCard International Incorporated
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2019257719	Monsanto Technology LLC	2020376194	Shimose Microbes Laboratory Corporation
2019268959	Kumho HT, Inc.	2020378707	Medacta International SA
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2019299865	Sonos, Inc.	2020398008	Vivo Mobile Communication Co., Ltd.
2019331475	Team Industrial Services Inc.	2020399502	MAS Innovation (Private) Limited
2019346419	Southwest Research Institute	2020404900	AdvanSix Resins & Chemicals LLC
2019374811	Court Bots, Inc.	2020411223	Fujikura Ltd.
2019386722	Ojai Retinal Technology, LLC	2020417163	Tencent America LLC
2019390489	Starpharma Pty Ltd	2020422039	Honor Device Co., Ltd.
2019414290	Vaidya, V.	2020423665	Nippon Telegraph and Telephone Corporation
2019427413	China University of Mining and Technology; Xinjiang Institute of Engineering; Henan Energy and Chemical Industry Group Co.,Ltd.; Yanshan University; China Energy Group Ningxia Coal Industry Co Ltd Zaoquan Coal Mine	2020423891	Fujitsu General Limited
		2020424576	Nippon Telegraph and Telephone Corporation
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		2020467362	Mitsubishi Electric Corporation
2019433371	Spreadtrum Communications (Shanghai) Co., Ltd.	2020468135	ViaSat, Inc.
2019442053	Kuchimanchi, V.S.S.S.; Kuchimanchi, V.	2020475309	SIEMENS AKTIENGESELLSCHAFT
2019445976	W. L. Gore & Associates, Inc.	2020476563	MITSUBISHI ELECTRIC CORPORATION
2019447030	Kuchimanchi, V.S.S.S.; Kuchimanchi, V.	2021200106	BASF Plant Science Company GmbH
2019448467	Kuchimanchi, V.; Kuchimanchi, V.	2021200375	President and Fellows of Harvard College
2019449365	Mitsubishi Electric Corporation	2021202327	Gilead Pharmasset LLC
2019449441	Chang, I.K.	2021203414	Stryker Corporation
2019463001	Watt Fuel Cell Corp.	2021203809	Synagile Corporation
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2020206092	Yeo, J.X.		
2020211601	Neovasc Medical Ltd.	2021204479	INTELEMATICS AUSTRALIA PTY LIMITED
2020214220	Komatsu Ltd.	2021204502	Breville Pty Limited
2020227569	LG Electronics Inc.	2021206838	Niantic, Inc.
2020236379	Big Moon Power, Inc.	2021212039	AMERICORP INVESTMENTS LLC
2020236492	Nicoventures Trading Limited	2021212053	Atrium Medical Corporation
2020245399	Identiq Protocol Ltd.	2021215256	Rhodia Operations
2020247706	Caterpillar Inc.	2021217993	Allovate, LLC
2020251215	Serres Oy	2021218058	Slingshot Biosciences, Inc.
2020256042	Corning Research & Development Corporation	2021218092	Treace Medical Concepts, Inc.
2020256255	YETI Coolers, LLC	2021218103	Janssen Biotech, Inc.
2020256502	Peking University Third Hospital; Institute of Chemistry, Chinese Academy of Sciences	2021218210	Caterpillar Global Mining LLC
2020256873	Peking University Third Hospital; Institute of Chemistry, Chinese Academy of Sciences	2021221398	Biogen MA Inc.
		2021221451	Novartis AG
2020263238	Eli Lilly and Company	2021225231	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2020263787	International Business Machines Corporation	2021229128	IMMUNOGENESIS, INC.
2020265040	Huawei Technologies Co., Ltd.	2021229148	TRACTO-TECHNIK GmbH & Co. KG
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2020270867	LG Electronics Inc.	2021231787	Alphala Co., Ltd.
2020271630	ROSEN Swiss AG	2021240192	Boehringer Ingelheim Vetmedica GmbH
2020272936	Purdue Research Foundation	2021240322	Aonuma, J.
2020274222	Mack Rides GmbH & Co. KG	2021243749	International Business Machines Corporation
2020276319	Topaz Trading Pty Ltd	2021245528	NIPPON STEEL Stainless Steel Corporation
2020283150	ViaCyte, Inc.; W. L. Gore & Associates, Inc.	2021253227	Samsung Electronics Co., Ltd.
2020288833	Netflix, Inc.	2021253853	BioLife Solutions, Inc.
2020295083	Yazaki Energy System Corporation	2021254601	Hasan, S.K.
2020298842	Everseen Limited	2021254606	LG ELECTRONICS INC.
2020307905	Siemens Mobility GmbH	2021257800	Herrin, R.; Khant, S.
2020309064	Eli Lilly and Company	2021257910	S.C. Johnson & Son, Inc.
2020311853	Lockheed Martin Corporation	2021257965	Telefonaktiebolaget LM Ericsson (publ)
2020311884	Daikin Industries, Ltd.	2021261460	Mercedes-Benz Group AG
2020312302	LG Electronics Inc.	2021265110	Gilead Sciences, Inc.
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2021290315	GE Video Compression, LLC
2021290351	Apple Inc.
2021290376	LG Electronics Inc.
2021291807	S.C.R. (Engineers) Limited
2021296087	Alchemedicine, Inc.
2021306597	Institute Of Organic Chemistry and Biochemistry AS CR, V. V. I.
2021338733	HUAWEI TECHNOLOGIES CO., LTD.
2021348394	International Business Machines Corporation
2021371034	E Ink Corporation
2021374933	BRILLIANCE OF BEAUTY, INC.
2021400933	LEA, T.
2021427618	YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD.
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2022200364	ViaSat, Inc.
2022200427	Multisteps Pty Ltd
2022200529	Berkshire Biomedical Corporation
2022200679	Becton, Dickinson and Company
2022200719	Binary Beer Pty Ltd
2022200817	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2022200939	Intabio, LLC
2022201006	ZTE Corporation
2022201297	Apple Inc.
2022201316	Oxford University Innovation Limited
2022201440	Omnicell, Inc.
2022202140	The Board of Regents of the University of Texas System
2022202379	Magic Leap, Inc.
2022202583	Apple Inc.
2022202807	Advanced Lithium Electrochemistry Co., Ltd.
2022203908	Apple Inc.
2022204427	FTG BIO LLC
2022209330	VGP IPCO LLC
2022218482	JINKO SOLAR (HAINING) CO., LTD.
2022219981	CONCEALFAB INC.
2022224872	Samsung Electronics Co., Ltd.
2022252869	Beijing China Coal Mine Engineering Co., Ltd.
2022291667	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022331922	RMI OCEANIA PTY LTD
2022368371	KIDCO, INC.
2023200269	Samsung Electronics Co., Ltd.
2023200619	Dolby International AB
2023201258	RD Intellectual Property Holding Pty Ltd
2023201805	Gen-Probe Incorporated
2023203464	The NOCO Company
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	2018268147	2019205383	2018237869	2017307908	
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	2017381397	2022200679	<u>B32B 27 /-</u>	2017307958	
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	2017339046	2019414290		2021400933	<u>C07D 239 /-</u>
<u>A61P 19 /-</u>	<u>A62D 101 /-</u>	<u>B04B 13 /-</u>	<u>B33Y 10 /-</u>	<u>B65G 1 /-</u>	2020332462
	2017381397	2018290315	2018237869	2018248877	<u>C07D 241 /-</u>
2021240192	<u>A62C 13 /-</u>	<u>B08B 1 /-</u>	2021261460	<u>B65G 5 /-</u>	2021277664
2021265110	2017339046	2021266259	<u>B60L 58 /-</u>	2021400933	<u>C07D 249 /-</u>
<u>A61P 25 /-</u>	<u>A62D 3 /-</u>	<u>B09C 1 /-</u>	2021204479	<u>B65G 67 /-</u>	2018411551
	2017339046	2017383532	<u>B42D 25 /-</u>	2021400933	2021221398
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2019286312	2019427413	<u>B08B 1 /-</u>	<u>B60H 3 /-</u>		
2019289217	<u>A62B 1 /-</u>	2021266259	2021261460		
2021296087	<u>A62C 35 /-</u>	<u>B09C 1 /-</u>	<u>B60L 58 /-</u>		
2022204427	2017339046	2017383532	2021204479		
<u>A61P 27 /-</u>	<u>A62D 101 /-</u>	2019427413	<u>B62D 5 /-</u>		
	2019427413	<u>B08B 1 /-</u>	2020214220	<u>B65G 67 /-</u>	
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2021296087	<u>A63B 21 /-</u>	2019427413			
<u>A61P 29 /-</u>	2017349489	<u>B23B 45 /-</u>			
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2018221880	<u>A63B 23 /-</u>	<u>B23K 35 /-</u>			
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2021427618	<u>C07H 21 /-</u>	<u>C09D 5 /-</u>	<u>C12N 9 /-</u>	2017263810	<u>E04H 17 /-</u>
<u>C07D 403 /-</u>	2021306597	2018253521	2017226172	<u>D04B 21 /-</u>	2017367752
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<u>C07D 405 /-</u>	2017342234	<u>C10M 137 /-</u>	201200375	2021290376	2020206092
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 (54) MODULAR TOOL CONTAINER
 (51) Int. Cl.
 B25H 3/02 (2006.01)
 B23Q 13/00 (2006.01)
 (45) 17.08.2023
 (62) 2022100154
 (72) BURNS, Courtney J.; ZIMMERMANN,
 Michael J.; HYMA, Steven W.; HUH, Mi-
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 (54) ELASTOMERIC HOLDER
 (51) Int. Cl.
 A47K 5/00 (2006.01)
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 (45) 17.08.2023
 (62) 2022201662
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Patents Granted

Standard Patents

2021270526	2021270731	2021286367	2021290321
2021307464	2021330320	2021342842	2021345042
2021355605	2021414579	2022200103	2022200538
2022200846	2022201846	2022201859	2022202260
2022203396	2022203636	2022203638	2022211811
2022246369	2023200785	2023200838	2023201551

Innovation Patents

2021100588	2021107679	2021107680	2023100063
2023100065	2023100066	2023100067	2023100068
2023100069	2023100070		

Assignments Registered

2011212518 Oestervold, Sten; Oestervold, Tor The patent has been assigned to **ECOSUBSEA AS**

2011245743 Agellis Group AB The patent has been assigned to **Refractory Intellectual Property GmbH & Co. KG**

2012252024 Koninklijke Philips N.V. The patent has been assigned to **Tagworks Pharmaceuticals B.V.**

2012257416 Koninklijke Philips N.V. The patent has been assigned to **Tagworks Pharmaceuticals B.V.**

2012257418 Koninklijke Philips N.V. The patent has been assigned to **Tagworks Pharmaceuticals B.V.**

2012261627 ARMSTRONG MCGOVERN FUELS LIMITED The patent has been assigned to **MCGOVERN, BRIAN**

2012333534 Daikin Industries, Ltd.; Shanghai Jiaotong University The patent has been assigned to **Daikin Industries, Ltd.**

2014351607 Promore Pharma AB The patent has been assigned to **Pergasus AB**

2015286604 AFFiRIS AG The patent has been assigned to **HD Immune GmbH**

2016213787 Blasters Technologies, LLC The patent has been assigned to **Jetstream of Houston, LLP**

2016219257 Neonc Technologies Inc. The patent has been assigned to **UNIVERSITY OF SOUTHERN CALIFORNIA**

2016398068 Huawei Technologies Co., Ltd. The patent has been assigned to **Godo Kaisha IP Bridge 1**

2016398068 Huawei Technologies Co., Ltd. The patent has been assigned to **Huawei Technologies Co., Ltd.; Godo Kaisha IP Bridge 1**

2017100895 Eco Structures Australia Pty Ltd The patent has been assigned to **WABI SYSTEMS PTY LTD**

2017201194 Ethicon, Inc The patent has been assigned to **ASP Global Manufacturing GmbH**

2017279692 Ethicon, Inc. The patent has been assigned to **ASP Global Manufacturing GmbH**

2017290706 PerkinElmer Health Sciences, Inc. The patent has been assigned to **PerkinElmer U.S. LLC**

2017329072 Policlinico San Donato S.p.A. - Istituto di Ricovero e Cura a Carattere Scientifico The patent has been assigned to **MUL-TIMEDICA S.p.A.**

2017332960 I-Mab Biopharma US Limited The patent has been assigned to **I-Mab Biopharma Co., Ltd.**

Assignments Registered

2018101049 Eco Structures Australia Pty Ltd The patent has been assigned to **WABI SYSTEMS PTY LTD**

2018238226 INL - International Iberian Nanotechnology Laboratory The patent has been assigned to **INL - International Iberian Nanotechnology Laboratory; Sogrape Vinhos, S.A.**

2018271298 Ethicon, Inc. The patent has been assigned to **ASP Global Manufacturing GmbH**

2019200484 Huawei Technologies Co., Ltd. The patent has been assigned to **Godo Kaisha IP Bridge 1**

2019230124 Socati Technologies-Oregon, LLC. The patent has been assigned to **Cleen Technology Inc.**

2020102369 Kingpost Pty Ltd The patent has been assigned to **KINGFENCE PTY LTD**

2020223769 Neonc Technologies Inc. The patent has been assigned to **UNIVERSITY OF SOUTHERN CALIFORNIA**

Licences Registered - Section 187, Reg. 19

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

2020307144 QFE Holdings Pty. Ltd. (Quality Fabrication & Engineering Pty Ltd)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2009331570 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 05 Jul 2023

For the goods **ALHEMO concizumab**

Extensions granted

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

2013287176 **INCYTE HOLDINGS CORPORATION**

The earliest first regulatory approval date provided by the patentee 14 Sep 2022

For the goods **PEMAZYRE pemigatinib**

Extension of Term of patent pursuant to Section 77 expires on 14 Sep 2037

2014281408 **Myokardia, Inc.**

The earliest first regulatory approval date provided by the patentee 19 Sep 2022

For the goods **CAMZYOS mavacamten**

Extension of Term of patent pursuant to Section 77 expires on 19 Sep 2037

2015249072 **Anylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Nov 2022

For the goods **ONPATTRO patisiran**

Extension of Term of patent pursuant to Section 77 expires on 20 Oct 2034

Corrigenda

In Vol 57 , No 12 , Page(s) 1766 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Indian Institute of Technology Madras (IIT Madras), Application No. 2021331844 under INID (71) add co-applicants RICOVR Healthcare Inc.

In Vol 57 , No 31 , Page(s) 4509 under the heading **Amendments - Application for Amendments** Under the name Hensley Industries, Inc., Application No. 2020260070 correct the date of the statements filed to read 19 Jun 2023 and 24 July 2023

In Vol 57 , No 31 , Page(s) 4509 under the heading **Amendments - Application for Amendments** Under the name FCX Solar LLC, Application No. 2020260458 correct the date of the statements filed to read 24 Mar 2023 and 08 May 2023

Specifications Republished

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

2017307955	Koninklijke Douwe Egberts B.V.
2020308988	PRC-DeSoto International, Inc.
2021313111	West China Hospital of Sichuan University
2021385595	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL ASSEMBLY MEDICINE, LLC.
2021390000	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL; The Cyprus Foundation for Muscular Dystrophy Research d/b/a The Cyprus Institute of Neurology and Genetics
2021390471	PLANEAT FOODS PTE. LTD. LOCANABIO, INC.
2021391607	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; INSTITUTE OF BOTANY, CHINESE ACADEMY OF SCIENCES
2021391643	KOLON TISSUEGENE, INC.
2021392817	AGRICULTURE VICTORIA SERVICES PTY LTD BOLT BIOTHERAPEUTICS, INC.
2021393526	CANCER RESEARCH TECHNOLOGY LIMITED; THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD; THE INSTITUTE OF CANCER RESEARCH: ROYAL CANCER HOSPITAL; UNIVERSITY OF WASHINGTON; THE UNITED STATES GOVERNMENT REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS
2021397810	IMPETUS AGRICULTURE, INC.
2021398552	AMGEN INC.
2021400061	SHENZHEN RHEGEN BIOTECHNOLOGY CO., LTD. SHENZHEN RHEGEN BIOTECHNOLOGY CO., LTD. SUMITOMO METAL MINING CO., LTD.
2022208728	
2022214936	
2022369834	
2022369834	
2022423803	