



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) 4 October 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Trisco ICAP Pty Ltd [2023] APO 49

Patent Application: 2017325108

Title: Storage and delivery system

Patent Applicant: Trisco ICAP Pty Ltd

Delegate: Leslie. F. McCaffery

Decision Date: 26 September 2023

Hearing Date: 9 August 2023, by videoconference

Catchwords: **PATENTS** – examiner objection – clear enough and enough complete disclosure (section 40(2)(a)) – inventive step – the specification is sufficient – the claims are inventive – application accepted.

Representation: Patent attorneys for the applicant: Mr Steve Gledhill and Dr David Loch of FB Rice Pty Ltd

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 19 Sep 2023 .

(71) AdAlta Limited (21) 2023903085 (22) 25.09.2023 (54) Linking Receptor Occupancy to Efficacy and Clinical Dosing of CXCR4 antagonists	Boyle, N. see Boyle, N. (21) 2023903088	(71) CORNTHWAITE, J.; ALLEN, W. (21) 2023903092 (22) 26.09.2023 (54) REMOVABLE CLADDING SYSTEM
ALLEN, W. see CORNTHWAITE, J. (21) 2023903092	(71) Boyle, N.; Boyle, N.; Stebbing, B. (21) 2023903088 (22) 25.09.2023 (54) IMPROVMENTS IN PROCESSING OF FOOD MATERIALS	(71) CORNTHWAITE, J.; ALLEN, W. (21) 2023903093 (22) 26.09.2023 (54) CAVITY BATTEN SYSTEM
ALLEN, W. see CORNTHWAITE, J. (21) 2023903093	(71) Brick Business Pty Ltd (21) 2023903083 (22) 25.09.2023 (54) Systems, methods and apparatus to track performance of a task	(71) Coutts, C. (21) 2023903049 (22) 21.09.2023 (54) Turbine and Generator System
(71) alumtek minerals pty ltd (21) 2023903070 (22) 23.09.2023 (54) A process to recover titanium dioxide, vanadium, alumina, iron oxide and Supplementary Cementitious Material (SCM) from bauxite residue (also called red mud).	(71) brown, g. (21) 2023903097 (22) 26.09.2023 (54) massage trigger ball wall	(71) Crawford, P. (21) 2023903100 (22) 26.09.2023 (54) A urinary incontinence device
(71) Australian National University (21) 2023903065 (22) 22.09.2023 (54) Acetone sensor and method	(71) Canva Pty Ltd (21) 2023903062 (22) 22.09.2023 (54) Systems and methods for automatically generating designs	(71) Crothers, P. (21) 2023903055 (22) 22.09.2023 (54) A mobile spreader assembly
(71) AUTONOMINEX PTY LTD (21) 2023903089 (22) 25.09.2023 (54) BulldozeAssist Loading System (BAL)	(71) CANVAS IP PTY LTD (21) 2023903104 (22) 27.09.2023 (54) A system for Privacy Focused Cross-Chain Interoperability using Zero knowledge proofs.	(71) CUMMINS, I. (21) 2023903014 (22) 18.09.2023 (54) "Cold Fission" Water Reactors Producing "Green Hydrogen (H2) Gas, and Oxygen (O) Gas, from (H2O) Water Technology"
(71) B.V. Hawthorne Pty Ltd (21) 2023903048 (22) 21.09.2023 (54) WASTEWATER TREATMENT SYSTEM	(71) Carbelec Pty Ltd (21) 2023903029 (22) 20.09.2023 (54) ELECTROLYSIS CARBON	(71) DIRAD PTY LTD (21) 2023903059 (22) 22.09.2023 (54) PERIODONTAL INSTRUMENT AND METHOD OF SUBGINGIVAL THERAPY
Basis NZ Limited see Hale, B. (21) 2023903034	(71) Coma, A. (21) 2023903106 (22) 27.09.2023 (54) solar film application	(71) Douglas Hill (21) 2023903047 (22) 21.09.2023 (54) Securing a website to prevent hacking
(71) Bond Chemicals Pty Ltd (21) 2023903058 (22) 22.09.2023 (54) Acid Solutions, Processes for Preparing same, and Uses thereof	(71) Conran Innovations Pty Ltd (21) 2023903077 (22) 25.09.2023 (54) Produce Forecasting System and Method	(71) Electrix Pty Ltd (21) 2023903060 (22) 22.09.2023 (54) A METHOD OF DETECTING A FAULT IN AN ELECTRICAL NETWORK

Provisional Applications Filed - Name Index cont'd

(71) Fajloun, L.
(21) 2023903043 (22) 21.09.2023
(54) A modular solar fencing system

(71) FBDC Pty Ltd
(21) 2023903040 (22) 21.09.2023
(54) Stovetop Cover

(71) Field Orthopaedics Pty Ltd
(21) 2023903098 (22) 26.09.2023
(54) SYSTEM AND METHOD FOR ANCHOR DEPLOYMENT IN TISSUE

(71) Flinders University
(21) 2023903102 (22) 26.09.2023
(54) A method for preparation of silver-gallium composition and its uses

(71) Formo Bio GmbH
(21) 2023903032 (22) 20.09.2023
(54) Process

(71) Fortescue Metals Group Ltd
(21) 2023903063 (22) 22.09.2023
(54) Collision avoidance system

(71) Fortitude Essentials Pty Ltd
(21) 2023903068 (22) 22.09.2023
(54) Remote Transitional Access Facility

(71) Francis, S.
(21) 2023903061 (22) 22.09.2023
(54) spinal slide seating system.

(71) Gomez, R.
(21) 2023903078 (22) 25.09.2023
(54) Addition to Production of Green Steel from Iron Ores

(71) Hale, B.; Pettigrew, W.; Palmer, I.; Basis NZ Limited
(21) 2023903034 (22) 20.09.2023
(54) CURRENT DETECTION DEVICE AND RELATED DEVICES, SYSTEMS AND METHODS THEREOF

(71) Health First Systems Ltd
(21) 2023903031 (22) 20.09.2023
(54) Testing device and method

(71) Humphris, D.M.
(21) 2023903030 (22) 20.09.2023
(54) Automatic Hay Bale Tagger

(71) Innovative Fishing Solutions Ltd.
(21) 2023903066 (22) 22.09.2023
(54) ARTIFICIAL BAIT

(71) kenny, r.; Kenny, J.
(21) 2023903036 (22) 20.09.2023
(54) CONSTRUCTION SYSTEM COMPONENTS

Kenny, J. see kenny, r.
(21) 2023903036

(71) KING, J.
(21) 2023903099 (22) 26.09.2023
(54) Vehicular refreshment support

(71) Kohinoor Technologies
(21) 2023903050 (22) 21.09.2023
(54) Use of Artificial Intelligence to detect - analyse blocks and pieces of land or similar kind, for development, investment, generate property reports and costs of development. It generates market trends and identifies commodities for sale and the developing entity. AI model primarily focused on providing investment options in the construction and real estate industry globally. A global marketplace for real property investment adjoining similar useful platforms.

(71) LAN10 PTY LIMITED
(21) 2023903086 (22) 25.09.2023
(54) CYBERSECURE HEALTHCARE PLATFORM USING PRIVATE BLOCKCHAIN AND LEDGER DATABASE

(71) LAN10 PTY LIMITED
(21) 2023903087 (22) 25.09.2023
(54) CYBERSECURE USER PROFILE AND IDENTITY MANAGEMENT USING PRIVATE BLOCKCHAIN LEDGER DATABASE

(71) larkin, b.
(21) 2023903082 (22) 25.09.2023
(54) Fish Gripper

(71) LIN, J.
(21) 2023903069 (22) 22.09.2023
(54) A gripping tool

(71) LYRO Robotics Pty Ltd
(21) 2023903084 (22) 25.09.2023
(54) MOTION ARRESTOR ASSEMBLY

(71) Mangone, F.
(21) 2023903033 (22) 20.09.2023
(54) Versatile Paint tray

(71) Margin-Clear Pty Ltd
(21) 2023903027 (22) 20.09.2023
(54) Improved brachytherapy device

(71) MARKETDAY PTY LTD
(21) 2023903095 (22) 26.09.2023
(54) Novel cart assembly

(71) Marquis Macadamias Ltd
(21) 2023903080 (22) 25.09.2023
(54) NUT SHELLING MACHINE AND METHOD

(71) Materia Health Pty Ltd
(21) 2023903028 (22) 20.09.2023
(54) A PORTABLE APPARATUS FOR TRANSPORT OF BIOLOGICAL SAMPLES

(71) Maximus Pedestal Systems Pty Ltd
(21) 2023903090 (22) 25.09.2023
(54) Adaptable Pedestal Assembly and System for Levelling Construction Surfaces

(71) McNeill, J.
(21) 2023903079 (22) 22.09.2023
(54) Flip 5

(71) Mohamed, A.
(21) 2023903053 (22) 21.09.2023
(54) PETS STOOL COLLECTION APPARATUS

(71) Myers, D.
(21) 2023903096 (22) 26.09.2023
(54) Portable Cooler

(71) Mynd Bio Pty Ltd
(21) 2023903039 (22) 21.09.2023
(54) Process

(71) Newcrest Mining Limited
(21) 2023903057 (22) 22.09.2023
(54) UNDERGROUND MINING

(71) O'Brien, A.
(21) 2023903052 (22) 21.09.2023
(54) Hydraulic Pipe Opening Tool For Sub Sea Rigid and Flexible Pipelines

(71) OH&S IP Pty Ltd
(21) 2023903075 (22) 24.09.2023
(54) LADDER CLAMP

(71) Osmosis Group Holdings Pty Ltd
(21) 2023903056 (22) 22.09.2023
(54) Improved user interface and annotation system

Palmer, I. see Hale, B.
(21) 2023903034

Provisional Applications Filed - Name Index cont'd

Pettigrew, W. see Hale, B.

(21) 2023903034

(71) Pola, C.

(21) 2023903054 (22) 22.09.2023

(54) Heat Harvest to transfer heat is a cooling process in a grandfathered process this is a change is the production process, Ambi Therm to reduce cooling equipment run time.

(71) Precision Mobile Machining Pty Ltd

(21) 2023903101 (22) 26.09.2023

(54) Chaser bin system

(71) Punchbowl Packaging Ltd

(21) 2023903041 (22) 21.09.2023

(54) A Tube Packaging, Manufacturing Process and Manufacturing Apparatus

(71) PYC Therapeutics Limited

(21) 2023903042 (22) 21.09.2023

(54) Compositions and methods for treatment of kidney disease (2)

(71) Rafidi, R.

(21) 2023903073 (22) 24.09.2023

(54) A chocolate production process

(71) Rajendran, A.

(21) 2023903071 (22) 23.09.2023

(54) A fully automatic and compact umbrella/sunshade

(71) Rediffusion DC Power Pty Ltd

(21) 2023903103 (22) 26.09.2023

(54) METHOD OF ENCASING A BATTERY IN A PROTECTIVE CASING

(71) ResMed Pty Ltd

(21) 2023903051 (22) 21.09.2023

(54) Positioning, stabilising, and interfacing structures and system incorporating same

(71) Rush Media Solutions Pty Ltd; Rushton, T.

(21) 2023903035 (22) 20.09.2023

(54) Programmatically insert data into social media advertising and posts.

Rushton, T. see Rush Media Solutions Pty Ltd

(21) 2023903035

(71) Russell Mineral Equipment Pty Ltd

(21) 2023903064 (22) 22.09.2023

(54) MILL RELINING MACHINE AUTOMATION METHOD AND SYSTEM

(71) Scolaro, A.

(21) 2023903091 (22) 25.09.2023

(54) A Power Drive

(71) Sebastian Property Services Pty Ltd

(21) 2023903045 (22) 21.09.2023

(54) PROCESS FOR SEPARATING COMPONENTS OF ALUMINIUM CLADDING

(71) SMITH, D.

(21) 2023903067 (22) 22.09.2023

(54) Pool Surface Cleaner

Stebbing, B. see Boyle, N.

(21) 2023903088

Talevski, N. see Talevski, E.

(21) 2023903074

(71) Talevski, E.; Talevski, N.

(21) 2023903074 (22) 24.09.2023

(54) Bedding Arrangement

(71) The Flue Factory Pty Ltd

(21) 2023903107 (22) 27.09.2023

(54) Insulated Default Flue System

(71) The University of Melbourne

(21) 2023903038 (22) 21.09.2023

(54) pH MONITORING

(71) The University of Melbourne

(21) 2023903081 (22) 25.09.2023

(54) AN APPARATUS FOR DEWATERING A SUSPENSION

(71) The University of Sydney

(21) 2023903046 (22) 21.09.2023

(54) Method of determining dimensions of a person in an image

(71) The University of Sydney

(21) 2023903076 (22) 25.09.2023

(54) Plasma-mediated polymer grafting methodology

(71) Tokley, J.

(21) 2023903105 (22) 27.09.2023

(54) Reversible multipurpose cover

(71) Total Marine Technology Pty Ltd

(21) 2023903044 (22) 21.09.2023

(54) Automatic flange bolting robot

(71) WHITEBITE GROUP PTY LTD

(21) 2023903094 (22) 26.09.2023

(54) Weightlifting collar

(71) WYREFRAME LIMITED

(21) 2023903037 (22) 20.09.2023

(54) SYSTEMS AND METHODS FOR CREATING AND/OR NAVIGATING A DIGITAL MODEL

(71) Yeung, S.

(21) 2023903072 (22) 24.09.2023

(54) Orthopaedic Total Knee Replacement Spacer Block

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- . (**) Title not given

<p>A.L.M Holding Company see Ergon Asphalt & Emulsions, Inc. (21) 2023233155</p>	<p>(71) Adobe Inc. (21) 2023233197 (22) 22.09.2023 (54) MULTI-MODAL IMAGE EDITING (31) 18/057,851 (32) 22.11.22 (33) US</p>	<p>MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES (62) 2021286265</p>
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 (31) 18/369,614 (32) 18.09.23 (33) US
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(71) Aristocrat Technologies Australia Pty Limited
 (21) 2023233150 (22) 21.09.2023
 (54) A GAMING MACHINE AND A METHOD OF OPERATING A GAMING MACHINE
 (62) 2018217284

(71) Aristocrat Technologies Australia Pty Ltd
 (21) 2023233280 (22) 25.09.2023
 (54) GAMING DEVICE WITH QUALIFIER SYMBOL LINKED GAME EVENTS

(71) AstraZeneca AB
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 (62) 2020250832

(71) BAKER HUGHES OILFIELD OPERATIONS LLC
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(71) Beijing Eacon Technology Co., LTD.
 (21) 2023233139 (22) 21.09.2023
 (54) Shock absorber, intelligent sensing apparatus and vehicle
 (31) 202222568331.8 (32) 27.09.22 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.
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 (54) Data transmission method, computing equipment, and storage medium
 (31) 202211174285.1 (32) 26.09.22 (33) CN

(71) BETAPACK, S.A.U.
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 (31) 202231563U (32) 26.09.22 (33) ES

(71) BETAPACK, S.A.U.
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(71) Blackhawk Network, Inc.
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(54) Systems and methods for providing a transaction card package assembly including sample product or service
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(71) Blackhawk Network, Inc.
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 (54) System for packaging, processing, and activating a bundled greeting and gift card
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(71) Boston Scientific Limited
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(71) Boston Scientific Scimed, Inc.
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(71) Britax Child Safety, Inc.
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 (54) ONE-HAND FOLDING STROLLER
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(71) Burgess Australasia Pty Ltd
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 (54) Portable Exercise Apparatus

(71) Canon Kabushiki Kaisha
 (21) 2023233212 (22) 22.09.2023
 (54) Cartridge, process cartridge, and electrophotographic image generation device
 (62) 2021273659

(71) Canva Pty Ltd
 (21) 2023233186 (22) 22.09.2023
 (54) Systems and methods for identifying search topics

(71) Canva Pty Ltd
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 (54) Systems, methods, and user interfaces for editing digital assets
 (62) 2022203064

(71) Canva Pty Ltd
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 (54) Systems and methods for remotely controlling electronic presentations
 (62) 2021221388

(71) Carucci, N.
 (21) 2023233222 (22) 24.09.2023

(54) WIRE TENSIONING APPARATUS
 (31) 2022903381 (32) 11.11.22 (33) AU
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 2023900228 31.01.23 AU

(71) CATERPILLAR INC.
 (21) 2023233126 (22) 21.09.2023
 (54) ELECTRIC DRIVE SYSTEM FOR MACHINE CONFIGURED FOR SWITCHING SENSOR DATA SOURCING PATTERN BASED ON HEALTH STATUS
 (31) 17/964694 (32) 12.10.22 (33) US

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 (21) 2023233194

(71) CJB Global Imports, Inc.
 (21) 2023233215 (22) 22.09.2023
 (54) LYMPHATIC DRAINAGE DEVICE AND METHODS OF USE
 (31) 63/409,564 (32) 23.09.22 (33) US

(71) Clean Air-Engineering - Maritime, Inc.
 (21) 2023233191 (22) 22.09.2023
 (54) Movable emission control system for auxiliary diesel engines
 (62) 2022201687

(71) CORNEX NEW ENERGY CO., LTD.
 (21) 2023233217 (22) 22.09.2023
 (54) IMMERSION VALVE ASSEMBLY AND IMMERSION-TYPE SECONDARY BATTERY DEVICE WITH THE SAME
 (31) 202310766924.1 (32) 27.06.23 (33) CN

(71) CORNEX NEW ENERGY CO., LTD.
 (21) 2023233218 (22) 22.09.2023
 (54) BATTERY, BATTERY PACK AND ELECTRIC EQUIPMENT
 (31) 202310407797.6 (32) 12.04.23 (33) CN

(71) CORNEX NEW ENERGY CO., LTD.
 (21) 2023233219 (22) 22.09.2023
 (54) BATTERY EXPLOSION-PROOF VALVE, BATTERY PLUG-IN BOX AND ELECTRIC APPARATUS
 (31) 202310790602.0 (32) 29.06.23 (33) CN

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 (21) 2023233205

Dana-Farber Cancer Institute, Inc. see The Children's Medical Center Corporation
 (21) 2023233195

(71) DC and GC Investments Pty Ltd
 (21) 2023237020 (22) 25.09.2023
 (54) Vehicle awning assembly

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<p>(71) Deere & Company (21) 2023233076 (22) 19.09.2023 (54) Wear resistant disk blade and agricultural machine with wear resistant disk blade (62) 2017225171</p>	<p>(71) Dexcom, Inc. (21) 2023237012 (22) 25.09.2023 (54) Sharing continuous glucose data and reports (62) 2021236556</p>	<p>(54) Locking feature for epistaxis clip (31) 18/462,007 (32) 06.09.23 (33) US 63/416,186 14.10.22 US</p>
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(21) 2023233158

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(21) 2023233158 (22) 22.09.2023
(54) Organic Biochar Solution: RIDS SAFE & REPELLENT CONTROL Bio Pesticide
(31) 2023902723 (32) 24.08.23 (33) AU

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(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
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(54) Biochar-Seaweed Synergy: Revolutionizing Organic Plant Growth
(31) 2023902680 (32) 22.08.23 (33) AU

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(21) 2023233160

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
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(54) BioCharSeaweed: Green Carbon Biofertilizer
(31) 2023902673 (32) 22.08.23 (33) AU

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(21) 2023233161

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
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(54) Organic Seaweed PestGuard: Innovative Agriculture Bio-Pesticide
(31) 2023902682 (32) 22.08.23 (33) AU

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(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.

(21) 2023233162 (22) 22.09.2023
(54) "BiocharPlus: Revolutionizing Soil Health and Carbon Capture"
(31) 2023902725 (32) 24.08.23 (33) AU

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(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
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(54) BioSeaNourish: Synergistic Biochar & Seaweed Plant Biofertilizer
(31) 2023902679 (32) 22.08.23 (33) AU

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(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.

(21) 2023233164 (22) 22.09.2023
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(21) 2023233165

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.

(21) 2023233165 (22) 22.09.2023
(54) Seaweed-Powered Bio Pest & Fungus Control: RIDS SAFE
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(21) 2023233166

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.

(21) 2023233166 (22) 22.09.2023

(54) Biochar-Seaweed Root Boost: Organic Growth Enhancer
(31) 2023902676 (32) 22.08.23 (33) AU

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(21) 2023233167

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(21) 2023233167 (22) 22.09.2023
(54) BioChar CleanSoil: Revolutionary Soil Purification & Restoration
(31) 2023902724 (32) 24.08.23 (33) AU

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(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(21) 2023233168 (22) 22.09.2023
(54) GreenFeed Pro: Transformative Live-stock Nutrition with GHG Capture
(31) 2023902726 (32) 24.08.23 (33) AU

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(21) 2023233169

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(21) 2023233169 (22) 22.09.2023
(54) Biochar Boost: Revolutionizing Live-stock Nutrition and GHG Mitigation
(31) 2023902726 (32) 24.08.23 (33) AU

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(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(21) 2023233170 (22) 22.09.2023
(54) BiocharPure: Revolutionary Off-Grid Water Purification Bags
(31) 2023902722 (32) 24.08.23 (33) AU

Hamid, R. see Hamid, A.
(21) 2023233171

Complete Applications Filed - Name Index cont'd

Hamid, A. see Hamid, A.
(21) 2023233171

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(21) 2023233171 (22) 22.09.2023
(54) Biochar-Seaweed Supercharge: Organic Liquid Fertilizer for Fruitful Growth
(31) 2023902678 (32) 22.08.23 (33) AU

(71) HANSON, C.L.
(21) 2023233069 (22) 19.09.2023
(54) YAMAHA TENERE 700 REAR BRAKE PEDAL
(31) 3,175,338 (32) 22.09.22 (33) CA

(71) Hardfacing Industries WA Pty Ltd
(21) 2023233221 (22) 23.09.2023
(54) SYSTEM AND METHOD FOR AUTOMATICALLY LIMITING MOBILE DEVICE FUNCTIONALITY
(31) 2022902869 (32) 03.10.22 (33) AU
2022903161 25.10.22 AU

HAVRILOV, A. see OVCHARYK, I.
(21) 2023233153

(71) Honeywell International Inc.
(21) 2023233107 (22) 20.09.2023
(54) Providing a comfort dashboard
(62) 2021232785

Hong Gao see Zhenglun Zhu
(21) 2023233180

(71) Huawei Technologies Co., Ltd.
(21) 2023233136 (22) 21.09.2023
(54) VIDEO PICTURE PREDICTION METHOD AND APPARATUS
(62) 2021240264

(71) Hussmann Corporation
(21) 2023233196 (22) 22.09.2023
(54) REFRIGERATION SYSTEM WITH DEMAND FLUID DEFROST
(31) 63/376,656 (32) 22.09.22 (33) US

(71) iCell Gene Therapeutics, LLC
(21) 2023233207 (22) 22.09.2023
(54) Chimeric antigen receptors (CARs), compositions and methods of use thereof
(62) 2021203481

(71) Illinois Tool Works Inc.
(21) 2023233143 (22) 21.09.2023

(54) Abrasion resistant coating composition for windshield wiper blade application
(31) 63/420,104 (32) 28.10.22 (33) US
18/234,445 16.08.23 US

(71) Illinois Tool Works Inc.
(21) 2023233176 (22) 22.09.2023
(54) Method of treating a chemical product
(31) EP22383049.8 (32) 31.10.22 (33) EP

(71) Immatics Biotechnologies GmbH
(21) 2023233214 (22) 22.09.2023
(54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PROSTATE CANCER AND OTHER CANCERS
(62) 2023204661

(71) ImmunoGen, Inc.
(21) 2023233173 (22) 22.09.2023
(54) Therapeutic combinations comprising anti-FOLR1 immunoconjugates
(62) 2016323968

(71) Incitec Pivot Limited
(21) 2023233111 (22) 20.09.2023
(54) A method and system for wireless measurement of detonation of explosives
(62) 2018348780

(71) Incyte Corporation
(21) 2023233128 (22) 21.09.2023
(54) HETEROCYCLIC COMPOUNDS AS IMMUNOMODULATORS
(62) 2019245288

(71) Innovative Medical Technology (Pty) Ltd
(21) 2023233124 (22) 21.09.2023
(54) CIRCUMCISION DEVICE
(62) 2018230122

(71) IRIS ID PTY LIMITED
(21) 2023233118 (22) 20.09.2023
(54) Dual Fluid Dispenser

(71) Itron, Inc.
(21) 2023233179 (22) 22.09.2023
(54) Capacitive electrical conductivity sensor integrated in a water meter
(31) 17/993,809 (32) 23.11.22 (33) US

(71) Janssen Pharmaceutica NV
(21) 2023237026 (22) 25.09.2023
(54) Methods and kits for treating depression
(62) 2021215155

(71) Jetoptera, Inc.
(21) 2023233073 (22) 19.09.2023

(54) Variable geometry thruster
(62) 2017315790

(71) Jinko Solar (Haining) Co., Ltd.
(21) 2023233149 (22) 21.09.2023
(54) PHOTOVOLTAIC CELL, METHOD FOR FORMING SAME, AND PHOTOVOLTAIC MODULE
(62) 2022206801

(71) Jinko Solar (Haining) Co., Ltd.
(21) 2023237037 (22) 25.09.2023
(54) PHOTOVOLTAIC MODULE AND METHOD FOR MANUFACTURING PHOTOVOLTAIC MODULE
(62) 2022218482

(71) JINKO SOLAR (HAINING) CO., LTD.;; ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2023233146 (22) 21.09.2023
(54) BACK-CONTACT PHOTOVOLTAIC MODULE AND MANUFACTURING METHOD THEREOF
(31) 202310458880.6 (32) 24.04.23 (33) CN

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2023233148

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2023233208

KHODAKOV, K. see OVCHARYK, I.
(21) 2023233153

(71) Kilaris, N.
(21) 2023233087 (22) 20.09.2023
(54) Click to Connect Conduit
(31) 2023902940 (32) 12.09.23 (33) AU

(71) King Rack Industrial Co., Ltd.
(21) 2023233068 (22) 19.09.2023
(54) Locking arm of a carrier connecting rod and method for making the same
(31) 111137338 (32) 30.09.22 (33) TW

(71) Koekstone IP Pty Ltd
(21) 2023233081 (22) 19.09.2023
(54) Swivelling Joint
(62) 2021286248

(71) Komatsu Ltd.
(21) 2023233137 (22) 21.09.2023
(54) System of controlling unmanned vehicle and method of controlling unmanned vehicle
(62) 2020287517

LAPA, V. see OVCHARYK, I.

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(21) 2023233153		(54) Binding tape, binding method, tape winding body and reel	(71) Nevro Corporation
		(62) 2019305815	(21) 2023237038 (22) 26.09.2023
(71) Lemieux Ltd			(54) SPINAL CORD MODULATION FOR INDUCING PARESTHETIC AND AN-ESTHETIC EFFECTS, AND ASSOCIATED SYSTEMS AND METHODS
(21) 2023233409 (22) 25.09.2023		(71) Maxeon Solar Pte. Ltd.	(62) 2021203590
(54) HORSE WHIP		(21) 2023233224 (22) 25.09.2023	
(31) GB2304583.4 (32) 29.03.23 (33) GB		(54) Electrical pathway intermittent fault detection	
		(62) 2020404892	
(71) Leonard, E.			(71) Next Science IP Holdings Pty Ltd
(21) 2023233131 (22) 21.09.2023		(71) MERCK SERONO S.A.	(21) 2023233220 (22) 23.09.2023
(54) Support Structure and Method of Forming a Support Structure		(21) 2023233151 (22) 21.09.2023	(54) HIGH OSMOLARITY ANTIMICROBIAL COMPOSITION CONTAINING ONE OR MORE ORGANIC SOLVENTS
(31) 2022902782 (32) 26.09.22 (33) AU		(54) L-VALINATE OF HYDROXYPROPYL-THIAZOLIDINE CARBOXAMIDE DERIVATIVE AND SALT FORM, CRYSTALL POLYMORPH THEREOF	(62) 2022200778
2023901339 04.05.23 AU		(62) 2021218009	
			(71) Nordin Engineered Air Technologies Pty Ltd
(71) Linde GmbH		(71) Micro Motion, Inc.	(21) 2023233088 (22) 20.09.2023
(21) 2023233132 (22) 21.09.2023		(21) 2023233079 (22) 19.09.2023	(54) FLEXIBLE INSULATING DUCTING FOR AIR CONDITIONING
(54) Method for operating an electrolysis system and electrolysis system		(54) Assemblies, components, and methods for creating a flameproof or explosion proof barrier	(31) 2022902717 (32) 20.09.22 (33) AU
(31) 22020462.2 (32) 28.09.22 (33) EP		(62) 2020429918	
			(71) Novartis AG
(71) Linde GmbH		(71) Micro Motion, Inc.	(21) 2023233074 (22) 19.09.2023
(21) 2023235621 (22) 25.09.2023		(21) 2023233080 (22) 19.09.2023	(54) Binding molecules against BCMA and uses thereof
(54) Method and plant for producing one or more electrolysis products		(54) Assemblies, components, and methods for creating a flameproof or explosion proof barrier	(62) 2019277029
(31) 22020472.1 (32) 29.09.22 (33) EP		(62) 2020429918	
			(71) OASIS AEROSPACE INC.
(71) LM Connections Pty Ltd		(71) Mingsight Pharmaceuticals, Inc.	(21) 2023237019 (22) 25.09.2023
(21) 2023233201 (22) 22.09.2023		(21) 2023237034 (22) 25.09.2023	(54) Battery pack assembly
(54) AN APPARATUS AND METHOD FOR USE IN CREATING A CONDUIT		(54) Treatment of cancer	(31) 63/409,966 (32) 26.09.22 (33) US
(31) 2022903953 (32) 22.12.22 (33) AU		(62) 2022201717	
			(71) Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc.
(71) Lótus Medicina Avançada		(71) M-TECHX. INC.	(21) 2023233078 (22) 19.09.2023
(21) 2023233112 (22) 20.09.2023		(21) 2023233190 (22) 22.09.2023	(54) Intrathecal Delivery Of Recombinant Adeno-Associated Virus 9
(54) PROCESS AND SYSTEM FOR COLLECTING, STORING, ANALYZING AND VISUALIZING ELECTROCARDIOGRAPHIC DATA (ECG) IN REAL TIME		(54) Nanofiber production device and nanofiber production method	(62) 2020203844
(62) 2017353363		(62) 2021206844	
			(71) Ohis, M.
(71) Lynxsport GmbH			(21) 2023237041 (22) 26.09.2023
(21) 2023233114 (22) 20.09.2023			(54) A real-time employment user profile matching and job allocation system
(54) STORAGE BAG			(31) 2022902792 (32) 27.09.22 (33) AU
(31) 20 2022 105 303.0 (32) 20.09.22 (33) DE			
18/085,870 21.12.22 US			(71) Oji Holdings Corporation
			(21) 2023233174 (22) 22.09.2023
(71) Magnet Forensics Inc.			(54) PRINTED MATERIAL, METHOD FOR PRODUCING PRINTED MATERIAL AND PRINTING MEDIUM FOR LASER PRINTING
(21) 2023237042 (22) 26.09.2023			(62) 2021274324
(54) Computer system and method for evaluating integrity and parsing of a file system and parsing implementation			
(31) 63/410,472 (32) 27.09.22 (33) US			(71) Ophirex, Inc.
			(21) 2023233187 (22) 22.09.2023
(71) Majkic, B.			(54) Phospholipase A2 inhibitors for immediate treatment of venom toxicity that causes hemolysis, cerebral edema, and acute kidney injury
(21) 2023233121 (22) 21.09.2023			(62) 2017257185
(54) Campers Hut			
(31) 2022902830 (32) 30.09.22 (33) AU			
(71) Max Co., Ltd.			
(21) 2023233086 (22) 19.09.2023			

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(71) OVCHARYK, I.; KHODAKOV, K.; PAVELKO, T.; LAPA, V.; HAVRILOV, A.; SOTNIKOV, A.; ZHURBENKO, A.
(21) 2023233153 (22) 21.09.2023
(54) A TOUCH LIGHT SWITCH
(31) a202301117 (32) 17.03.23 (33) UA

(71) Parousia Investments Pty Ltd
(21) 2023233152 (22) 21.09.2023
(54) A METHOD AND SYSTEM FOR ENABLING A PAYMENT
(62) 2021206777

PAVELKO, T. see OVCHARYK, I.
(21) 2023233153

(71) Pincini, J.
(21) 2023233130 (22) 21.09.2023
(54) liqueur. "Helm's Punch"

(71) President and Fellows of Harvard College
(21) 2023237028 (22) 25.09.2023
(54) SC-beta cells and compositions and methods for generating the same
(62) 2020289721

(71) Qualcomm Incorporated
(21) 2023236294 (22) 25.09.2023
(54) MULTIPLE HISTORY BASED NON-ADJACENT MVPs FOR WAVEFRONT PROCESSING OF VIDEO CODING
(62) 2019302660

(71) Rebound Therapeutics Corporation
(21) 2023233093 (22) 20.09.2023
(54) FLUORESCENCE IMAGING SYSTEM
(62) 2020336268

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(21) 2023233110 (22) 20.09.2023
(54) Compositions comprising IL6R antibodies for the treatment of uveitis and macular edema and methods of using same
(62) 2016348418

(71) Regents of the University of Minnesota
(21) 2023233318 (22) 25.09.2023
(54) THERAPEUTIC COMPOUNDS AND METHODS
(62) 2016336451

(71) Relay Therapeutics, Inc.; D.E. Shaw Research, LLC
(21) 2023233205 (22) 22.09.2023
(54) SHP2 phosphatase inhibitors and methods of use thereof
(62) 2019240299

(71) ROC WATER TECHNOLOGIES (PTY) LTD
(21) 2023237029 (22) 25.09.2023
(54) Treatment of water
(62) 2016405754

(71) Ross, G.
(21) 2023233156 (22) 22.09.2023
(54) ECOSYSTEM RISK MITIGATION SYSTEM
(31) 18/460,538 (32) 02.09.23 (33) US
(61) 2018313795

(71) Samsara Eco Pty Limited
(21) 2023233075 (22) 19.09.2023
(54) Enzyme variants and uses thereof
(62) 2022273817

Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.
(21) 2023233110

(71) Savage, M.
(21) 2023233100 (22) 20.09.2023
(54) EMF protection body cream
(31) 2022902769 (32) 24.09.22 (33) AU

(71) Schneider Electric (Australia) Pty Limited
(21) 2023233227 (22) 25.09.2023
(54) ELECTRICAL SYSTEM, APPARATUS AND METHOD
(62) 2021215135

(71) Schneider Electric Industries SAS
(21) 2023237011 (22) 25.09.2023
(54) CHARGING DEVICE AND METHOD FOR PREVENTING DEW CONDENSATION OF CHARGING DEVICE
(31) 20221193173.0 (32) 28.09.22 (33) CN
202311205920.2 18.09.23 CN

(71) SiNtx Technologies, Inc.
(21) 2023233117 (22) 20.09.2023
(54) ANTIPATHOGENIC DEVICES AND METHODS THEREOF
(62) 2019336133

(71) SK Innovation Co., Ltd.
(21) 2023233206 (22) 22.09.2023
(54) PROCESS FOR PRODUCING HYDROGEN, CARBON MONOXIDE, AND CARBON FROM METHANE-CONTAINING FEEDSTOCK
(31) 10-2022-0128653 (32) 07.10.22 (33) KR
10-2023-0056859 02.05.23 KR

(71) Slennett-Roberts, T.
(21) 2023233216 (22) 22.09.2023
(54) PROCESS OF: Solar Cell Glass Energy Building Transport.

SOTNIKOV, A. see OVCHARYK, I.
(21) 2023233153

(71) Southern Green Gas Limited
(21) 2023233071 (22) 19.09.2023
(54) Atmospheric Carbon Dioxide Extractor Assembly
(31) 2022903118 (32) 21.10.22 (33) AU

(71) Spin Master Ltd.
(21) 2023237014 (22) 25.09.2023
(54) Assembly with object in housing and mechanism to open housing
(62) 2021201889

(71) Stewart, R.
(21) 2023233089 (22) 20.09.2023
(54) A skateboard deck grip composite
(31) 2022902799 (32) 27.09.22 (33) AU

(71) Stinger Advanced Manufacturing Corporation
(21) 2023233198 (22) 22.09.2023
(54) Systems and methods for non-continuous deposition of a component
(62) 2020253392

(71) Stryker Corporation
(21) 2023237018 (22) 25.09.2023
(54) Selectively displaying filtered physiological parameters
(31) 63/410,112 (32) 26.09.22 (33) US

(71) Stryker Corporation
(21) 2023237022 (22) 25.09.2023
(54) Selectively enabling filtering for physiological parameters
(31) 63/410,148 (32) 26.09.22 (33) US

(71) Taste Drinks Pty Ltd
(21) 2023233116 (22) 20.09.2023
(54) Process of increasing the shelf-life of cold-pressed juices to one year or longer

(71) Techtronic Cordless GP
(21) 2023237021 (22) 25.09.2023
(54) Pluggable wireless module, system comprising the module and method for manufacturing the module
(31) 202211172200.6 (32) 26.09.22 (33) CN

(71) Techtronic Cordless GP
(21) 2023237035 (22) 25.09.2023
(54) Charger with battery pack cooling fan
(31) 18/048,798 (32) 21.10.22 (33) US

(71) Tencent America LLC
(21) 2023233091 (22) 20.09.2023

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(54) UNIFIED BLOCK VECTOR PREDICTION FOR INTRA PICTURE BLOCK COMPENSATION
(62) 2020238853

(71) Tencent America LLC
(21) 2023233211 (22) 22.09.2023
(54) Method and Apparatus for Signaling Predictor Candidate List Size
(62) 2020269390

(71) The Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.
(21) 2023233195 (22) 22.09.2023
(54) Calmodulin inhibitors, Chk2 inhibitors and RSK inhibitors for the treatment of ribosomal disorders and ribosomopathies
(62) 2017295262

(71) The Florey Institute of Neuroscience and Mental Health
(21) 2023233145 (22) 21.09.2023
(54) PEPTIDE-BASED DELIVERY OF AGENTS
(62) 2021368859

(71) The Lawn & Turf Company Pty Ltd
(21) 2023233113 (22) 20.09.2023
(54) Turf colouring system and method
(62) 2017309405

(71) The Regents of the University of California
(21) 2023237013 (22) 25.09.2023
(54) Nucleic acid synthesis and sequencing using tethered nucleoside triphosphates
(62) 2017280335

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2023233125 (22) 21.09.2023
(54) Anti-KRAS-G12D T cell receptors
(62) 2017306038

(71) The University of Hong Kong; Advanced Biomedical Instrumentation Centre Limited; Centre for Virology, Vaccinology and Therapeutics Limited
(21) 2023233194 (22) 22.09.2023
(54) SELF-DILUTING MICROFLUIDIC DEVICE FOR RAPID ANTIMICROBIAL SUSCEPTIBILITY TESTS

(71) The University of Sydney
(21) 2023233094 (22) 20.09.2023
(54) Anti-inflammatory agents
(62) 2020289132

(71) Tradesman Roof Racks
(21) 2023233106 (22) 20.09.2023

(54) Roof Rack Platform with Integrated Ladder Slide Buffers and Adjustable Width/Crossbar Spacing, Incorporating Ladder Roller and Unique Wind Deflector

(71) Truetiva Inc.
(21) 2023233084 (22) 19.09.2023
(54) Anti-aging and skin tone lightening compositions and methods for same
(62) 2019206685

(71) Ubiquitous Energy, Inc.
(21) 2023237023 (22) 25.09.2023
(54) Method and system for multilayer transparent electrode for transparent photovoltaic devices
(62) 2019338554

(71) United States of America, as represented by the Secretary, Department of Health and Human Services, C/O National Institute of Health, Office of Technology Transfer
(21) 2023233209 (22) 22.09.2023
(54) Methods of preparing anti-human papillomavirus antigen T cells
(62) 2020233702

(71) Vanda Pharmaceuticals Inc.
(21) 2023233141 (22) 21.09.2023
(54) Method of treatment with trapiditant
(62) 2021202956

(71) VIDEO GAMING TECHNOLOGIES, INC.
(21) 2023233142 (22) 21.09.2023
(54) System and method for providing a game with dynamic symbol stacking
(62) 2021202528

(71) VOLVO AUTONOMOUS SOLUTIONS AB
(21) 2023233135 (22) 21.09.2023
(54) A method for stopping an autonomous vehicle
(31) 22201498.7 (32) 14.10.22 (33) EP

(71) wagner, c.
(21) 2023233226 (22) 25.09.2023
(54) A hitch mount loading platform
(62) 2023206171

(71) watson, J.
(21) 2023233223 (22) 24.09.2023
(54) PopaCup juice box holder design

(71) Werewolf Therapeutics, Inc.
(21) 2023237030 (22) 25.09.2023
(54) Activatable interleukin 12 polypeptides and methods of use thereof
(62) 2019271149

(71) WILD FLAVORS, INC.
(21) 2023233188 (22) 22.09.2023
(54) NATURAL COLORANTS AND PROCESSES OF MAKING THE SAME
(62) 2021225149

(71) WINPAK LTD.
(21) 2023237015 (22) 25.09.2023
(54) SEMIRIGID POUCH FOR FOOD-STUFF STORAGE AND DISPENSING
(31) 18/455513 (32) 24.08.23 (33) US

(71) Wonderland Switzerland AG
(21) 2023233154 (22) 21.09.2023
(54) Handle adjustment mechanism and child crib therewith
(62) 2020382899

(71) Woorhimecha Co., Ltd.
(21) 2023237025 (22) 25.09.2023
(54) Device for conveying local cryoanesthesia type painless syringe
(31) 10-2023-0038327 (32) 24.03.23 (33) KR

(71) Worn Again Technologies Limited
(21) 2023233181 (22) 22.09.2023
(54) RECYCLING PROCESS
(62) 2020265790

(71) Yuhan Corporation
(21) 2023233096 (22) 20.09.2023
(54) Anti-TIGIT antibodies and uses thereof
(62) 2019229076

(71) ZaVargé Pty Ltd
(21) 2023233083 (22) 19.09.2023
(54) Improvements in Bedding
(62) 2021206830

(71) Zenbivy LLC
(21) 2023233199 (22) 22.09.2023
(54) Quilt with footbox
(31) 63/376.895 (32) 23.09.22 (33) US

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(21) 2023233148 (22) 21.09.2023
(54) SOLAR CELL AND PRODUCTION METHOD THEREOF, PHOTOVOLTAIC MODULE
(62) 2022205182

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(21) 2023233208 (22) 22.09.2023
(54) SOLAR CELL AND PRODUCTION METHOD THEREOF, PHOTOVOLTAIC MODULE
(62) 2022204349

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(21) 2023233146

(71) Zhenglun Zhu; Hong Gao
(21) 2023233180 (22) 22.09.2023
(54) Treatment and diagnosis of inflammat-
ory disorders
(62) 2017213744

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(21) 2023233153

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2023233091	Tencent America LLC	2023233159	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233092	Adobe Inc.	2023233160	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233093	Rebound Therapeutics Corporation	2023233161	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233094	The University of Sydney	2023233162	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233095	Amsted Rail Company, Inc.	2023233163	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233096	Yuhan Corporation	2023233164	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233097	Angel Group Co., Ltd.	2023233165	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233098	Aristocrat Technologies, Inc.	2023233166	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233099	Britax Child Safety, Inc.	2023233167	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233100	Savage, M.	2023233168	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233101	NAVICO HOLDING AS	2023233169	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233102	Fisher & Paykel Healthcare Limited	2023233170	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233103	Gragyik Pty Ltd	2023233171	Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
2023233104	Boston Scientific Limited	2023233172	Beijing Tusen Zhitu Technology Co., Ltd.
2023233105	Gen-Probe Incorporated	2023233173	ImmunoGen, Inc.
2023233106	Tradesman Roof Racks	2023233174	Oji Holdings Corporation
2023233107	Honeywell International Inc.	2023233175	APPLE INC.
2023233109	Apple Inc.	2023233176	Illinois Tool Works Inc.
2023233110	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology	2023233177	FISHER & PAYKEL HEALTHCARE LIMITED
2023233111	Incitec Pivot Limited	2023233179	Itron, Inc.
2023233112	Lótus Medicina Avançada	2023233180	Zhenglun Zhu; Hong Gao
2023233113	The Lawn & Turf Company Pty Ltd	2023233181	Worn Again Technologies Limited
2023233114	Lynxsport GmbH	2023233182	Adobe Inc.
2023233115	Adare Pharmaceuticals, Inc.	2023233183	Angel Group Co., Ltd.
2023233116	Taste Drinks Pty Ltd	2023233184	Angel Group Co., Ltd.
2023233117	SiNtx Technologies, Inc.	2023233185	Emerging Acquisitions, LLC
2023233118	IRIS ID PTY LIMITED	2023233186	Canva Pty Ltd
2023233119	Blackhawk Network, Inc.	2023233187	Ophirex, Inc.
2023233120	Blackhawk Network, Inc.	2023233188	WILD FLAVORS, INC.
2023233121	Majkic, B.	2023233189	BAKER HUGHES OILFIELD OPERATIONS LLC
2023233122	AstraZeneca AB	2023233190	M-TECHX. INC.
2023233123	Arepa IP Limited	2023233191	Clean Air-Engineering - Maritime, Inc.
2023233124	Innovative Medical Technology (Pty) Ltd	2023233192	Adobe Inc.
2023233125	The United States of America, as represented by the Secretary, Department of Health and Human Services	2023233193	Adobe Inc.
2023233126	CATERPILLAR INC.	2023233194	The University of Hong Kong; Advanced Biomedical Instrumentation Centre Limited; Centre for Virology, Vaccinology and Therapeutics Limited
2023233127	Ecolab USA Inc.	2023233195	The Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.
2023233128	Incyte Corporation	2023233196	Hussmann Corporation
2023233129	Advaxis, Inc.	2023233197	Adobe Inc.
2023233130	Pincini, J.	2023233198	Stinger Advanced Manufacturing Corporation
2023233131	Leonard, E.		
2023233132	Linde GmbH		
2023233133	Apple Inc.		
2023233134	Acer Incorporated		

Complete Applications Filed - Numerical Index cont'd

2023233199	Zenbivy LLC
2023233200	Apple Inc.
2023233201	LM Connections Pty Ltd
2023233202	Canva Pty Ltd
2023233203	Glory Ltd.
2023233204	Canva Pty Ltd
2023233205	Relay Therapeutics, Inc.; D.E. Shaw Research, LLC
2023233206	SK Innovation Co., Ltd.
2023233207	iCell Gene Therapeutics, LLC
2023233208	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2023233209	United States of America, as represented by the Secretary, Department of Health and Human Services, C/O National Institute of Health, Office of Technology Transfer
2023233210	BETAPACK, S.A.U.
2023233211	Tencent America LLC
2023233212	Canon Kabushiki Kaisha
2023233213	Advanced Lithium Electrochemistry Co., Ltd.
2023233214	Immatics Biotechnologies GmbH
2023233215	CJB Global Imports, Inc.
2023233216	Slennett-Roberts, T.
2023233217	CORNEX NEW ENERGY CO., LTD.
2023233218	CORNEX NEW ENERGY CO., LTD.
2023233219	CORNEX NEW ENERGY CO., LTD.
2023233220	Next Science IP Holdings Pty Ltd
2023233221	Hardfacing Industries WA Pty Ltd
2023233222	Carucci, N.
2023233223	watson, J.
2023233224	Maxeon Solar Pte. Ltd.
2023233225	Air Products and Chemicals, Inc.
2023233226	wagner, c.
2023233227	Schneider Electric (Australia) Pty Limited
2023233280	Aristocrat Technologies Australia Pty Ltd
2023233318	Regents of the University of Minnesota
2023233409	Lemieux Ltd
2023235621	Linde GmbH
2023236294	Qualcomm Incorporated
2023237011	Schneider Electric Industries SAS
2023237012	Dexcom, Inc.
2023237013	The Regents of the University of California
2023237014	Spin Master Ltd.
2023237015	WINPAK LTD.
2023237016	BETAPACK, S.A.U.
2023237017	Neuboron Therapy System Ltd.
2023237018	Stryker Corporation
2023237019	OASIS AEROSPACE INC.
2023237020	DC and GC Investments Pty Ltd
2023237021	Techtronic Cordless GP
2023237022	Stryker Corporation
2023237023	Ubiquitous Energy, Inc.
2023237024	GEA Farm Technologies, Inc.
2023237025	Woorhimecha Co., Ltd.
2023237026	Janssen Pharmaceutica NV
2023237027	Dormakaba Canada Inc.
2023237028	President and Fellows of Harvard College
2023237029	ROC WATER TECHNOLOGIES (PTY) LTD
2023237030	Werewolf Therapeutics, Inc.
2023237034	Mingsight Pharmaceuticals, Inc.
2023237035	Techtronic Cordless GP
2023237036	Fu An Wellness Technology, Inc.
2023237037	Jinko Solar (Haining) Co., Ltd.
2023237038	Nevro Corporation
2023237039	Ecoganic Pty Ltd
2023237040	GNG Electrical Pty Ltd
2023237041	Ohis, M.
2023237042	Magnet Forensics Inc.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 19 Sep 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Fisher & Paykel Healthcare Limited
(21) 2023100083 **(22)** 20.09.2023
(54) A HUMIDIFICATION ASSEMBLY
(62) 2019331738

(71) Fisher & Paykel Healthcare Limited
(21) 2023100084 **(22)** 20.09.2023
(54) A HUMIDIFICATION ASSEMBLY
(62) 2019331738

(71) Mach IV Pty Ltd
(21) 2023100085 **(22)** 24.09.2023
(54) Grease cartridge
(62) 2020101269

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2023100083 Fisher & Paykel Healthcare Limited
2023100084 Fisher & Paykel Healthcare Limited

2023100085 Mach IV Pty Ltd

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

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 2023204188 (1B) 2023204272 (7AN) 2023204310 (7AN)
 2023204334 (7AN) 2023229586 (13CN)

Assignments before Grant, Section 113

2017

2017301735 Biogen Chesapeake LLC The application has been assigned to **Remedy Pharmaceuticals, Inc.**

2017359018 Cycleron Therapeutics, Inc. The application has been assigned to **Tisento Therapeutics Inc.**

2018

2018293755 Veolia Water Solutions & Technologies Support; Danmarks Tekniske Universitet The application has been assigned to **Veolia Water Solutions & Technologies Support**

2018301463 Carbonaro, Mark; IOVOX LTD.; Gallagher, Ryan The application has been assigned to **IOVOX LTD.**

2018368000 Tevosol, Inc. The application has been assigned to **TransMedics, Inc.**

2018389856 Herane-Vives, Andrés; Benöhr-Riveros, Jan The application has been assigned to **Trears Ltd**

2019

2019207704 Otonomy, Inc. The application has been assigned to **DOMPÉ FARMACEUTICI S.P.A.**

2019221320 N3 Coat Ltd.; MOBIChem Scientific Engineering Ltd The application has been assigned to **N3CURE LTD**

2019231721 Cycleron Therapeutics, Inc. The application has been assigned to **Tisento Therapeutics Inc.**

2019231724 Cycleron Therapeutics, Inc. The application has been assigned to **Tisento Therapeutics Inc.**

2019261933 Cedars-Sinai Medical Center; Prometheus Biosciences, Inc. The application has been assigned to **Dr. Falk Pharma GMBH; Cedars-Sinai Medical Center; Prometheus Biosciences, Inc.**

2019301683 Cycleron Therapeutics, Inc. The application has been assigned to **Tisento Therapeutics Inc.**

Assignments before Grant, Section 113

2019478563 Volvo Construction Equipment AB The application has been assigned to **VOLVO AUTONOMOUS SOLUTIONS AB**

2020

2020321129 Dobrilovic, Nikola The application has been assigned to **Nikola Dobrilovic, LLC**

2020360397 Beijing Xuanyi Pharmasciences Co., Ltd. The application has been assigned to **OD Therapeutics Limited**

2020385663 Plum Products Ltd; Design Office SARL The application has been assigned to **Plum Products Holdings Pty Ltd**

2020437157 CrossTek Membrane Technology The application has been assigned to **CTX, LLC**

2021

2021231864 Beijing Xuanyi PharmaSciences Co., Ltd. The application has been assigned to **OD Therapeutics Limited**

2021307670 The Chancellor, Masters and Scholars of the University of Oxford; The Rosalind Franklin Institute The application has been assigned to **The Rosalind Franklin Institute**

2021346763 SANDVIK MINING AND CONSTRUCTION DEUTSCHLAND GMBH The application has been assigned to **Schenck Process Australia Pty Limited**

2021368641 DOMINGOS, Dennis The application has been assigned to **DENNIS A. DOMINGOS FAMILY TRUST**

2021394754 GENESYS CLOUD SERVICES HOLDINGS II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2021409790 GENESYS CLOUD SERVICES HOLDINGS II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2021415468 GENESYS CLOUD SERVICES HOLDINGS II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2021415916 GENESYS CLOUD SERVICES HOLDINGS II, LLC The application has been assigned to **Genesys Cloud Services, Inc.**

2022

2022201382 247 Holdings Pty Ltd The application has been assigned to **GOLFTEC Intellectual Property LLC**

2022202167 Cycleron Therapeutics, Inc. The application has been assigned to **Tisento Therapeutics Inc.**

2022279369 Biogen Chesapeake LLC The application has been assigned to **Remedy Pharmaceuticals, Inc.**

2023

2023900049 INNOVATION SOLUTIONS The application has been assigned to **Haidnay Innovation Company Pty Ltd**

Extensions of Time, Section 223**Applications Received**

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

2018

2018205825 **Codondex LLC** An application to extend the time from 04 Jan 2023 to 04 Aug 2023 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018309035 **Rowan Companies, Inc.** An application to extend the time from 02 Aug 2022 to 02 Sep 2023 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019226713 **Imperial College Innovations Limited** An application to extend the time from 28 Feb 2023 to 28 Sep 2023 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019246815 **Signalitica Inc.** An application to extend the time from 08 Jan 2023 to 08 Oct 2023 in which to pay a renewal fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2021

2021280128 **BPW BERGISCHE ACHSEN KOMMANDITGESELLSCHAFT** An application to extend the time from 26 Dec 2022 to 26 Aug 2023 in which to enter the National Phase has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022

2022201065 **Lantheus Medical Imaging, Inc.** An application to extend the time from 28 Dec 2022 to 28 Jul 2023 in which to pay a continuation fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022259763 **NeuroLens, Inc.** An application to extend the time from 15 Dec 2022 to 15 Aug 2023 in which to pay a continuation fee has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

Applications Allowed - Section 223(2)**2004**

2004322947 **Hatch Ltd.** The time in which to pay a renewal fee has been extended to 01 Jul 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2005

2005203598 **Hatch Ltd.** The time in which to pay a renewal fee has been extended to 12 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223

2005276960 **Hatch Associates Pty Limited** The time in which to pay a renewal fee has been extended to 26 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2008

2008302987 **Hatch Ltd.** The time in which to pay a renewal fee has been extended to 29 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2008359682 **Hatch Ltd.** The time in which to pay a renewal fee has been extended to 25 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2008359683 **Hatch Ltd.** The time in which to pay a renewal fee has been extended to 22 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2009

2009353875 **Hatch Ltd.** The time in which to pay a renewal fee has been extended to 08 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011

2011320054 **Hatch Ltd.** The time in which to pay a renewal fee has been extended to 19 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2012

2012315404 **Hatch Ltd.** The time in which to pay a renewal fee has been extended to 01 Jul 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013

2013308380 **Hatch Pty Ltd** The time in which to pay a renewal fee has been extended to 26 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2013397905 **Hatch Ltd.** The time in which to pay a renewal fee has been extended to 15 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014321147 **Hatch Pty Ltd** The time in which to pay a renewal fee has been extended to 12 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014336968 **Hatch Pty Ltd** The time in which to pay a renewal fee has been extended to 17 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017364328 **Swell Energy Inc.** The time in which to pay a continuation fee has been extended to 15 Jul 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018393985 **Brunnshög Energi AB** The time in which to pay a continuation fee has been extended to 20 Jul 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Extensions of Time, Section 223

2023

2023214332 **LG Electronics Inc.** The time in which to make a further application for a divisional patent has been extended to 04 Sep 2023 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2023226707 **The Leisure Collective International Pty Ltd** The time in which to make a further application for a divisional patent has been extended to 25 Sep 2023 . Address for service - Westmark IP PO Box 3044 Joondalup WA 6027 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.

2016

2016375880 MEDICAMENT FOR TREATING CEREBRAL INFARCTION **Sapporo Medical University ; Nipro Corporation** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019

2019277029 Binding molecules against BCMA and uses thereof **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020260534 Using size and number aberrations in plasma DNA for detecting cancer **The Chinese University of Hong Kong** The nature of the amendment is as shown in the statement(s) filed 20 Sep 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2020410032 Wind turbine control **Equinor Energy AS** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021106138 Dipper handle **Caterpillar Global Mining LLC** The nature of the amendment is as shown in the statement(s) filed 12 Sep 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2021290997 Heterodimeric relaxin fusions and uses thereof **MedImmune Limited** The nature of the amendment is as shown in the statement(s) filed 19 Sep 2023 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021326002 Microporous aerogel **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** The nature of the

Amendments

amendment is as shown in the statement(s) filed 07 Sep 2023 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2022

2022202647 Quantum neural network training method and apparatus, electronic device and medium **Beijing Baidu Netcom Science Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2023

2023200568 Novel lipids and compositions for the delivery of therapeutics **Arbutus Biopharma Corporation** The nature of the amendment is as shown in the statement(s) filed 15 Sep 2023 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

Amendments Made

2002

2002333220 **H. Lundbeck A/S** The nature of the amendment is as shown in the statement(s) filed 17 May 2023

2016

2016208384 **Endo Global Ventures** The nature of the amendment is as shown in the statement(s) filed 25 May 2023

2016263198 **The General Hospital Corporation** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2023

2016307967 **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Jun 2023

2017

2017254264 **Sumitomo Pharma Co., Ltd.; RIKEN; Sumitomo Chemical Company, Limited** The nature of the amendment is as shown in the statement(s) filed 12 May 2023

2017267665 **Voyager Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Jun 2023

2018

2018255513 **FMC Technologies do Brasil Ltda** The nature of the amendment is: Amend the invention title to read Hydraulic connector and method for achieving a hydraulic connection

2018333285 **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is as shown in the statement(s) filed 09 Jun 2023

2019

2019397033 **Kite Pharma, Inc.** The nature of the amendment is: Amend the name of the inventor to read BELK, Jonathan; PEREZ, Arianne; RODRIGUEZ, Ruben Alvarez; SIEVERS, Stuart A. and WILTZIUS, Jed

Amendments

2019450575 **Essity Hygiene and Health Aktiebolag** The nature of the amendment is: Application is to proceed under the number 2019101850

2020

2020223177 **Google LLC** The nature of the amendment is as shown in the statement(s) filed 01 Jun 2023

2020273376 **Translational Drug Development, LLC** The nature of the amendment is as shown in the statement(s) filed 26 May 2023

2020277496 **Christiana Care Gene Editing Institute, Inc.** The nature of the amendment is: Amend the name of the inventor to read KMIEC, Eric; BIALK, Pawel and BANAS, Kelly H.

2021

2021106509 **PASTRO-CUSTOM AG Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2023

2021201433 **SanBio, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2023

2021260986 **Medacta International SA** The nature of the amendment is: Amend the name of the inventor to read BERNARDONI, Massimiliano; SICCARDI, Francesco; ROSSI, Ermete; GIARDIELLO, Mirko and LAUDE, Frédéric

2021288582 **ByteDance Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Aug 2023

2021323772 **Beijing DIDI Infinity Technology and Development Co., Ltd.** The nature of the amendment is: Amend the invention title to read Methods, apparatus, storage mediums, and electronic devices for information exchange

2021333331 **Mitsubishi Shipbuilding Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2023

2022

2022200665 **CAMPOLI, N.; CIRCOSTA, M.** The nature of the amendment is: Amend the name of the inventor to read CAMPOLI, Nino; CIRCOSTA, Michael and PRIZZI, Giuseppe

2022210438 **HueDx, Inc.** The nature of the amendment is: Amend the name of the inventor to read RAJAN-JOY, Reshma; PATEL, Divy Kumar; DAVE, Nisarg; SHAH, Achal; RAVICHANDRAN, Akshay, Gutha; AUYOUNG, Brittany; DHINDSA, Manjeet and MENON, Nidhi

2022210475 **REGENERON PHARMACEUTICALS, INC.** The nature of the amendment is: Amend the invention title to read Anti-PDGF-B antibodies and methods of use for treating pulmonary arterial hypertension (PAH)

2022210475 **REGENERON PHARMACEUTICALS, INC.** The nature of the amendment is: Amend the name of the inventor to read GAO, Yinglin; MACDONNELL, Scott; SUNDARAM, Bharathi; KIM, Jee; DEL PRIORE, Isabella; MEGNA, Jake and RUAN, Qin

Amendments

2022216614 **Christiana Care Gene Editing Institute, Inc.** The nature of the amendment is: Amend the name of the inventor to read KMIEC, Eric B.; YOO, Byung-Chun and BIALK, Pawel

2022216917 **OCTOPUS ENERGY HEATING LIMITED** The nature of the amendment is as shown in the statement(s) filed 14 Aug 2023

2022220846 **AVANT WOOD OY** The nature of the amendment is: Amend the name of the inventor to read RITVANEN, Pekka; LEHTINEN, Jyrki; PASANEN, Timo; SÄYNEVIRTA, Kari and TERVO, Kari

2022229417 **C4U CORPORATION; THE UNIVERSITY OF TOKYO; RIKEN** The nature of the amendment is: Amend the invention title to read Cas3 protein

2022237367 **AMGEN INC.** The nature of the amendment is: Amend the name of the inventor to read DELUKE, Levi; COSTA, Hillary Doucette and MONTES, Luis, E.

2022238281 **FLEXICON CORPORATION** The nature of the amendment is: Amend the name of the inventor to read EUCULANO, Jason Steven; BARRY, Daniel Joel and SZAZDI, Jr, John Stephen

2022242243 **IHI CORPORATION** The nature of the amendment is: Amend the invention title to read Hydrogen production apparatus

2022245993 **MAGNUS MEDICAL, INC.** The nature of the amendment is: Amend the invention title to read METHODS AND SYSTEMS FOR LONG TERM TREATMENT OF NEUROPSYCHIATRIC DISORDERS

2022247927 **FUJI OIL HOLDINGS INC.** The nature of the amendment is: Amend the invention title to read TEXTURED PLANT PROTEIN MATERIAL AND METHOD FOR PRODUCING SAME

2022248443 **TOYOBO MC CORPORATION** The nature of the amendment is: Amend the invention title to read THREE-DIMENSIONAL NETWORK STRUCTURE

2022261580 **KEWPIE CORPORATION** The nature of the amendment is: Amend the invention title to read LIQUID EGG-SUBSTITUTE COMPOSITION AND HEAT-COAGULATED PRODUCT

2022322637 **BIRD HEALTHCARE PTY LTD** The nature of the amendment is as shown in the statement(s) filed 03 Aug 2023

2023

2023200478 **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.** The nature of the amendment is as shown in the statement(s) filed 26 Jun 2023

2023219932 **Evolutive Labs Co., Ltd.** The nature of the amendment is: Amend the priority details to read add priority 18/331,962 09 Jun 2023 US

2023226753 **Snap-On Incorporated** The nature of the amendment is: Amend the invention title to read Systems, devices, and methods for user selectable temperature scale bandwidth for thermography

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

Amendments

2007

2007306384 Université de Nantes The name of the patentee has been altered to **NANTES UNIVERSITE**

2009

2009289277 INSERM (Institut National de la Sante et de la Recherche Medicale); Chu Nantes; Université de Nantes The name of the patentee has been altered to **INSERM (Institut National de la Sante et de la Recherche Medicale); Chu Nantes; NANTES UNIVERSITE**

2012

2012230279 Centre National de la Recherche Scientifique (CNRS); CHU Nantes; Université Paris-Saclay; Université de Nantes The name of the patentee has been altered to **Centre National de la Recherche Scientifique (CNRS); CHU Nantes; Université Paris-Saclay; NANTES UNIVERSITE**

2012243410 Induce Biologics Inc. The name of the patentee has been altered to **Red Rock Regeneration Inc.**

2012376780 Induce Biologics Inc. The name of the patentee has been altered to **Red Rock Regeneration Inc.**

2016

2016360886 Institut National de la Sante et de la Recherche Medicale (INSERM); Centre National de la Recherche Scientifique; Université d'Angers; The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services; Université de Nantes The name of the patentee has been altered to **Institut National de la Sante et de la Recherche Medicale (INSERM); Centre National de la Recherche Scientifique; Université d'Angers; The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services; NANTES UNIVERSITE**

2017

2017224899 Centre National de la Recherche Scientifique; Université de Nantes The name of the patentee has been altered to **Centre National de la Recherche Scientifique; NANTES UNIVERSITE**

2017235715 Chu de Nantes - Centre Hospitalier Universitaire de Nantes -; Inserm - Institut National de la Santé et de la Recherche Médicale; Université de Nantes The name of the patentee has been altered to **Chu de Nantes - Centre Hospitalier Universitaire de Nantes -; Inserm - Institut National de la Santé et de la Recherche Médicale; NANTES UNIVERSITE**

2017325988 Truston Technologies, Inc. The name of the applicant has been altered to **Oceanetics, Inc.**

2018

2018226021 SLM Solutions Group AG The name of the patentee has been altered to **Nikon SLM Solutions AG**

2018267051 Université de Nantes; Institut National de la Sante et de La Recherche Medicale (INSERM); Centre Hospitalier Universitaire de Nantes The name of the applicant has been altered to **NANTES UNIVERSITE; Institut National de la Sante et de La Recherche Medicale (INSERM); Centre Hospitalier Universitaire de Nantes**

Amendments

2018383016 INSERM (Institut National de la Santé et de la Recherche Médicale); Centre Hospitalier Universitaire de Nantes; Université de Nantes The name of the applicant has been altered to **INSERM (Institut National de la Santé et de la Recherche Médicale); Centre Hospitalier Universitaire de Nantes; NANTES UNIVERSITE**

2019

2019240609 Consejo Nacional de Investigaciones Científicas Y Técnicas (Conicet); Fundación Articular The name of the applicant has been altered to **Inis Biotech LLC; Consejo Nacional de Investigaciones Científicas Y Técnicas (Conicet); Fundación Articular**

2019343746 Université de Nantes; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre Hospitalier Universitaire de Nantes The name of the applicant has been altered to **NANTES UNIVERSITE; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre Hospitalier Universitaire de Nantes**

2020

2020299024 Telix International Pty Ltd The name of the applicant has been altered to **Telix Pharmaceuticals (Innovations) Pty Ltd**

2020299025 Telix International Pty Ltd The name of the applicant has been altered to **Telix Pharmaceuticals (Innovations) Pty Ltd**

2020304796 Université de Nantes; Chu de Nantes - Centre Hospitalier Universitaire de Nantes - The name of the applicant has been altered to **NANTES UNIVERSITE; Chu de Nantes - Centre Hospitalier Universitaire de Nantes -**

2020387736 Raytheon Canada Ltd. - ELCAN The name of the applicant has been altered to **RAYTHEON CANADA LTD.**

2021

2021376329 JOY GLOBAL SURFACE MINNING INC The name of the applicant has been altered to **Joy Global Surface Mining Inc**

2021395432 THE INSTITUTE OF CANCER RESEARCH ; BREAST CANCER NOW The name of the applicant has been altered to **The Institute of Cancer Research: Royal Cancer Hospital; BREAST CANCER NOW**

2021414396 Alessandro RUSSO The name of the applicant has been altered to **BONEARMED S.R.L**

2022

2022210438 HueDX, INC. The name of the applicant has been altered to **HueDx, Inc.**

2022236500 SAUERCONCEPT PATENT A/S The name of the applicant has been altered to **SauerConcept Patent ApS**

2022245141 NOVAVAX, INC.; Gale SMITH; Michael J. MASSARE ; Jing-Hui TIAN The name of the applicant has been altered to **NOVAVAX, INC.**

2022245325 GENETECH, INC. The name of the applicant has been altered to **GENETECH, INC.**

Amendments

2022903025 ANTEO ENERGY TECHNOLOGY PTY LIMITED The name of the applicant has been altered to **Anteo Energy Technology Pty Ltd**

2022903922 Telix International Pty Ltd The name of the applicant has been altered to **Telix Pharmaceuticals (Innovations) Pty Ltd**

2023

2023900642 Telix International Pty Ltd The name of the applicant has been altered to **Telix Pharmaceuticals (Innovations) Pty Ltd**

2023902248 Telix International Pty Ltd The name of the applicant has been altered to **Telix Pharmaceuticals (Innovations) Pty Ltd**

2023903013 Kong, Yu Xiang George The name of the applicant has been altered to **Kong, Y.X.**

Applications Open to Public Inspection

Name Index

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

(71) 2MT Mining Products Pty Ltd
 (11) AU-A-2023231576
 (21) 2023231576 (22) 18.09.2023
 (54) PROTECTION SYSTEMS
 (51) Int. Cl.
E02F 9/28 (2006.01)
B65G 11/16 (2006.01)

(43) 05.10.2023
 (62) 2022202367
 (72) Senanayake, Mahinda Palitha
 (74) Ahearn Fox

(71) 3R LIFE SCIENCES CORPORATION
 (11) AU-A-2022430006
 (21) 2022430006 (22) 02.12.2022
 (54) VENTRICULAR ASSIST DEVICE HAVING PRESSURE SENSOR EMBEDDED DURABLE DISPLACEMENT BLOOD PUMP
 (51) Int. Cl.
A61M 60/274 (2021.01)

(31) 17/695,344 (32) 15.03.22 (33) US
 (43) 05.10.2023
 (72) LU, Pong-Jeu; LIN, Hsiao-Chien
 (74) Jones Tulloch

(71) 3R LIFE SCIENCES CORPORATION
 (11) AU-A-2022430007
 (21) 2022430007 (22) 02.12.2022
 (54) ENDO-LEAK FREE AORTIC ADAPTER ASSEMBLY AND METHOD OF DEVICE DELIVERY
 (51) Int. Cl.
A61M 60/117 (2021.01)
A61M 60/139 (2021.01)

(31) 17/695,344 (32) 15.03.22 (33) US
 (43) 05.10.2023
 (72) LU, Pong-Jeu; LIN, Hsiao-Chien
 (74) Jones Tulloch

(71) 8 Rivers Capital, LLC
 (11) AU-A-2023233050
 (21) 2023233050 (22) 18.09.2023
 (54) Removal of impurities from a process stream by contacting it with an oxidant and with an aqueous stream
 (51) Int. Cl.
B01D 53/60 (2006.01)
B01D 53/14 (2006.01)
B01D 53/76 (2006.01)
B01D 53/78 (2006.01)
B01D 53/79 (2006.01)
F23J 15/00 (2006.01)
F23J 15/04 (2006.01)

(43) 05.10.2023
 (62) 2017362060
 (72) Lu, Xijia; Forrest, Brock Alan; Rafati, Mohammad; Beauchamp, Damian; Freed, David Arthur
 (74) Spruson & Ferguson

(71) 9754741 Canada Ltd.
 (11) AU-A-2023233052
 (21) 2023233052 (22) 18.09.2023
 (54) METHOD AND APPARATUS FOR REGULATING PARTICLES IN A STREAM
 (51) Int. Cl.
B07B 13/11 (2006.01)
A01C 1/00 (2006.01)
B07B 13/14 (2006.01)
B07C 5/02 (2006.01)
B07C 5/342 (2006.01)

(43) 05.10.2023
 (62) 2017301242
 (72) Prystupa, David; Pacak, John; Koza-kewich, Robert
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Abiomed Europe GmbH
 (11) AU-A-2023229616
 (21) 2023229616 (22) 15.09.2023
 (54) Blood pump with reinforced catheter
 (51) Int. Cl.
A61M 60/135 (2021.01)
A61M 25/00 (2006.01)

(43) 05.10.2023
 (62) 2018262629
 (72) SIESS, Thorsten; KIRCHHOFF, Frank; ABOULHOSN, Walid
 (74) Spruson & Ferguson

(71) Ablynx NV
 (11) AU-A-2023233070
 (21) 2023233070 (22) 19.09.2023
 (54) Method for the production of immunoglobulin single variable domains
 (51) Int. Cl.
C07K 16/28 (2006.01)
C12N 5/10 (2006.01)
C12N 15/09 (2006.01)
C12P 21/02 (2006.01)

(43) 05.10.2023
 (62) 2017216864
 (72) SCHOTTE, Peter; DE GROEVE, Manu
 (74) Spruson & Ferguson

(71) Advanced Elite International Pty. Ltd.
 (11) AU-A-2022201805
 (21) 2022201805 (22) 16.03.2022
 (54) CONTAINER ASSEMBLY HAVING LOCKING STRUCTURE
 (51) Int. Cl.
B65D 43/02 (2006.01)

B65D 43/06 (2006.01)
B65D 45/20 (2006.01)
B65D 25/04 (2006.01)

(43) 05.10.2023
 (72) Tsui, Wan-Li
 (74) McMahon & Gordon

(71) Alecson Feld Australia Pty Ltd
 (11) AU-A-2023229576
 (21) 2023229576 (22) 15.09.2023
 (54) Managing technical process data
 (51) Int. Cl.
G06Q 40/00 (2023.01)
G06Q 10/00 (2023.01)
G06Q 40/04 (2012.01)
G06Q 40/08 (2012.01)

(43) 05.10.2023
 (62) 2016336038
 (72) KOVACEVIC, Aleksandar
 (74) FB Rice Pty Ltd

(71) Amsted Rail Company, Inc.
 (11) AU-A-2023233095
 (21) 2023233095 (22) 20.09.2023
 (54) SYSTEMS AND METHODS FOR RAILWAY ASSET MANAGEMENT
 (51) Int. Cl.
B61L 27/00 (2022.01)

(43) 05.10.2023
 (62) 2021306197
 (72) WEINER, Evan; MYERS, Brad A.
 (74) Murray Trento & Associates Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2023229467
 (21) 2023229467 (22) 11.09.2023
 (54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM
 (51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
G06K 19/04 (2006.01)
G06Q 50/34 (2012.01)

(43) 05.10.2023
 (62) 2021287089
 (72) SHIGETA, Yasushi
 (74) RnB IP Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2023229582
 (21) 2023229582 (22) 15.09.2023
 (54) Recognition system
 (51) Int. Cl.
A63F 1/06 (2006.01)
G06T 7/00 (2017.01)

(43) 05.10.2023
 (62) 2018370412
 (72) SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd

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(71) Angel Group Co., Ltd.
 (11) AU-A-2023233097
 (21) 2023233097 (22) 20.09.2023
 (54) Game table reading system
 (51) Int. Cl.
 A63F 9/00 (2006.01)
 A63F 1/06 (2006.01)
 A63F 3/00 (2006.01)
 G06K 19/04 (2006.01)
 G06Q 50/10 (2012.01)
 (43) 05.10.2023
 (62) 2019426480
 (72) SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023229566
 (21) 2023229566 (22) 14.09.2023
 (54) Devices, methods, and graphical user interfaces for navigating, displaying, and editing media items with multiple display modes
 (51) Int. Cl.
 G06F 3/0484 (2022.01)
 G06F 3/0485 (2022.01)
 G06F 3/0488 (2022.01)
 (43) 05.10.2023
 (62) 2023202756
 (72) Manzari, Behkish J.; Miura, Britt S.; Lemay, Stephen O.; Souza Dos Santos, Andre; Mezak, Charles A.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023229597
 (21) 2023229597 (22) 15.09.2023
 (54) User interfaces for watches
 (51) Int. Cl.
 G06F 1/16 (2006.01)
 G06F 3/048 (2013.01)
 (43) 05.10.2023
 (62) 2022201419
 (72) Chen, Kevin Will; Carrigan, Taylor G.; Dye, Alan C.; Felton, Nicholas D.; Guzman, Aurelio; Ive, Jonathan P.; Williams, Aled Hywel; Wilson, Christopher
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023233077
 (21) 2023233077 (22) 19.09.2023
 (54) User interfaces for health applications
 (51) Int. Cl.
 G06F 3/048 (2013.01)
 A63B 71/00 (2006.01)
 G16B 40/00 (2019.01)
 (43) 05.10.2023
 (62) 2022203508
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Jon, Tiffany S.; Lynch, Kevin M.; Naguit, Charmian B.; Saha, Sankalita
 (74) FPA Patent Attorneys Pty Ltd

(71) Arepa IP Limited
 (11) AU-A-2023233123
 (21) 2023233123 (22) 21.09.2023
 (54) Compositions comprising L-theanine, proanthocyanidin/s and a catechin and uses thereof
 (51) Int. Cl.
 A61K 36/82 (2006.01)
 A61K 31/353 (2006.01)
 A61K 36/15 (2006.01)
 A61K 36/45 (2006.01)
 A61K 36/87 (2006.01)
 A61P 25/22 (2006.01)
 A61P 25/24 (2006.01)
 (43) 05.10.2023
 (62) 2017267243
 (72) SCHOLEY, Andrew Belton; BROWN, Angus Ross
 (74) Spruson & Ferguson

(71) argenx BV
 (11) AU-A-2023229716
 (21) 2023229716 (22) 18.09.2023
 (54) Use of FcRn antagonists for treatment of generalized myasthenia gravis
 (51) Int. Cl.
 C07K 16/00 (2006.01)
 A61P 37/06 (2006.01)
 (43) 05.10.2023
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 (72) DE HAARD, Johannes; DREIER, Torsten; ULRICHTS, Peter; GUGLIETTA, Antonio; LEUPIN, Nicolas
 (74) Spruson & Ferguson

(71) A-SHA REPUBLIC INC.
 (11) AU-A-2022201865
 (21) 2022201865 (22) 17.03.2022
 (54) METHOD OF MANUFACTURING INSTANT NOODLES
 (51) Int. Cl.
 A23L 7/109 (2016.01)
 A23L 5/10 (2016.01)
 A23L 7/113 (2016.01)
 A23L 7/17 (2016.01)
 (43) 05.10.2023
 (72) LO, TA-WEI
 (74) Alfred Lei

(71) AstraZeneca AB
 (11) AU-A-2023233122
 (21) 2023233122 (22) 21.09.2023
 (54) OSIMERTINIB FOR USE IN THE TREATMENT OF NON-SMALL CELL LUNG CANCER
 (51) Int. Cl.
 A61K 31/501 (2006.01)
 A61P 35/00 (2006.01)
 (43) 05.10.2023
 (62) 2020250832
 (72) Nash, Anthony Francis Patrick
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Athenex Therapeutics Limited
 (11) AU-A-2023229590
 (21) 2023229590 (22) 15.09.2023
 (54) Therapeutic combinations of orally administered paclitaxel and a P-gp inhibitor for the treatment of cancer
 (51) Int. Cl.
 A61K 31/475 (2006.01)
 A61K 31/337 (2006.01)
 A61P 35/00 (2006.01)
 (43) 05.10.2023
 (62) 2021209160
 (72) Kwan, Min-fun Rudolf; Kramer, E. Douglas; Fetterly, Geralk J.; Hung, Cheung-tak; Jackson, Christopher Glyn Charles Alexander; Glue, Paul William
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Avery Dennison Retail Information Services LLC
 (11) AU-A-2023229547
 (21) 2023229547 (22) 14.09.2023
 (54) Method for enhanced food safety for food storage and preparation
 (51) Int. Cl.
 G06Q 50/12 (2012.01)
 G06Q 10/06 (2023.01)
 (43) 05.10.2023
 (62) 2020279083
 (72) DUCKETT, Jeanne
 (74) AJ Pietras IP Limited

Bayer HealthCare LLC see Regeneron Pharmaceuticals, Inc.
 (21) 2023201635

Bayer HealthCare LLC see Regeneron Pharmaceuticals, Inc.
 (21) 2023201638

(71) BBI Medical Innovations, LLC
 (11) AU-A-2023229585
 (21) 2023229585 (22) 15.09.2023
 (54) Measurement of tissue viability
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 (43) 05.10.2023
 (62) 2021200183
 (72) BURNS, Martin F.; BARRINGTON, Sara; ROSS, Graham O.
 (74) Spruson & Ferguson

(71) Beam Therapeutics Inc.
 (11) AU-A-2023229577
 (21) 2023229577 (22) 15.09.2023
 (54) Compositions and methods for treating hemoglobinopathies
 (51) Int. Cl.
 C12N 9/22 (2006.01)
 C12N 9/78 (2006.01)
 C12N 15/10 (2006.01)
 (43) 05.10.2023
 (62) 2023204605
 (72) SLAYMAKER, Ian; GAUDELLI, Nicole; YU, Yi; ZETSCHKE, Bernd; BORN, Dav-

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(74) Southern Cross Intellectual Property

(71) BEIJING HUTT WISDOM TECHNOLOGY CO., LTD.
(11) AU-A-2022445032
(21) 2022445032 **(22)** 12.05.2022
(54) LOWER SHELL ASSEMBLY AND CLEANING DEVICE
(51) Int. Cl.
A47L 1/02 (2006.01)
A47L 11/24 (2006.01)
A47L 11/38 (2006.01)
A47L 11/40 (2006.01)
(31) 202220579663.3 **(32)** 16.03.22 **(33)** CN
(43) 05.10.2023
(72) LIU, Yue
(74) Griffith Hack

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2023201432
(21) 2023201432 **(22)** 08.03.2023
(54) Vehicle having sensor redundancy
(51) Int. Cl.
B60W 50/02 (2012.01)
B62D 15/02 (2006.01)
G01D 3/08 (2006.01)
G05D 1/00 (2006.01)
(31) 202210224663.6 **(32)** 09.03.22 **(33)** CN
(43) 05.10.2023
(72) JI, Pingyuan
(74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2023201550
(21) 2023201550 **(22)** 14.03.2023
(54) Data acquisition apparatus and method for determining pose of its sensor
(51) Int. Cl.
G01S 17/89 (2020.01)
G01S 17/58 (2006.01)
(31) 202210266621.9 **(32)** 17.03.22 **(33)** CN
(43) 05.10.2023
(72) JI, Pingyuan; WU, Jun; HE, Xiaokang; WANG, Yajia
(74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2023201558
(21) 2023201558 **(22)** 14.03.2023
(54) Control method, vehicle, device and storage medium
(51) Int. Cl.
G05D 1/02 (2020.01)
B60W 30/06 (2006.01)
B62D 15/02 (2006.01)
G01C 21/30 (2006.01)
G06F 16/29 (2019.01)
G06V 10/98 (2022.01)
G06V 20/56 (2022.01)
(31) 202210255816.3 **(32)** 15.03.22 **(33)** CN

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(72) WEN, Tingjun; YANG, Jie; CHEN, Siqun
(74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2023201666
(21) 2023201666 **(22)** 17.03.2023
(54) Information prompt system and method
(51) Int. Cl.
G05D 1/02 (2020.01)
B60Q 1/26 (2006.01)
B60Q 1/34 (2006.01)
B60Q 1/44 (2006.01)
B60Q 1/46 (2006.01)
B60Q 1/52 (2006.01)
B60Q 5/00 (2006.01)
B60Q 9/00 (2006.01)
B60W 60/00 (2020.01)
(31) 202210268009.5 **(32)** 17.03.22 **(33)** CN
(43) 05.10.2023
(72) PENG, Rui; JI, Pingyuan
(74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2023201710
(21) 2023201710 **(22)** 20.03.2023
(54) Method and apparatus for generating neural network
(51) Int. Cl.
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
(31) 202210278192.7 **(32)** 21.03.22 **(33)** CN
(43) 05.10.2023
(72) YUAN, Liuchun; HUANG, Zehao; WANG, Naiyan
(74) FB Rice Pty Ltd

(71) Biogen MA Inc.
(11) AU-A-2023229540
(21) 2023229540 **(22)** 14.09.2023
(54) COMPOUNDS AND METHODS FOR REDUCING TAU EXPRESSION
(51) Int. Cl.
C12N 15/113 (2010.01)
(43) 05.10.2023
(62) 2020267230
(72) Kordasiewicz, Holly
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Blackhawk Network, Inc.
(11) AU-A-2023233119
(21) 2023233119 **(22)** 21.09.2023
(54) Systems and methods for providing a transaction card package assembly including sample product or service
(51) Int. Cl.
G06K 19/00 (2006.01)
(43) 05.10.2023
(62) 2021218017
(72) Saverio, Spagnolie Amie Miller
(74) Davies Collison Cave Pty Ltd

(71) Blackhawk Network, Inc.
(11) AU-A-2023233120
(21) 2023233120 **(22)** 21.09.2023
(54) System for packaging, processing, and activating a bundled greeting and gift card
(51) Int. Cl.
G06Q 40/00 (2023.01)
G06Q 30/00 (2023.01)
(43) 05.10.2023
(62) 2021282418
(72) KINGSBOROUGH, Donald
(74) Davies Collison Cave Pty Ltd

(71) Boston Scientific Limited
(11) AU-A-2023233104
(21) 2023233104 **(22)** 20.09.2023
(54) Fluid monitoring system
(51) Int. Cl.
A61M 5/168 (2006.01)
A61B 1/00 (2006.01)
A61B 17/00 (2006.01)
A61M 1/00 (2006.01)
A61M 25/00 (2006.01)
(43) 05.10.2023
(62) 2020374892
(72) RAUNIYAR, Niraj Prasad; BYRNE, Paul; SMITH, Lee; FANNING, Leah; KHATTAR, Nishant; SHAH, Vivek; TASAONKAR, Dipen Arun
(74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.
(11) AU-A-2023229570
(21) 2023229570 **(22)** 14.09.2023
(54) Reactive multi-arm polymers having branched end groups
(51) Int. Cl.
C08G 73/02 (2006.01)
A61K 31/43 (2006.01)
A61K 47/69 (2017.01)
C08L 79/02 (2006.01)
(43) 05.10.2023
(62) 2020340275
(72) DELANEY Jr., Joseph T.; KOLSTE, Kolbein K.; DYNDIKOVA, Tatyana
(74) Spruson & Ferguson

(71) Breville Pty Limited
(11) AU-A-2023201757
(21) 2023201757 **(22)** 21.03.2023
(54) Packaging system
(51) Int. Cl.
B65D 81/07 (2006.01)
B65D 25/10 (2006.01)
B65D 81/02 (2006.01)
(31) 2022900704 **(32)** 21.03.22 **(33)** AU
(43) 05.10.2023
(72) DASEY, Dylan Stuart; ROCCA, Damian Philip; THOROGOOD, Michael
(74) GLMR

(71) Britax Child Safety, Inc.
(11) AU-A-2023201578
(21) 2023201578 **(22)** 14.03.2023
(54) CHILD SEAT WITH RECLINE MECHANISM

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(51) Int. Cl.
B60N 2/28 (2006.01)
A47C 1/024 (2006.01)
(31) 63/319,868 (32) 15.03.22 (33) US
(43) 05.10.2023
(72) Will, Adam Mark; Feng, Lin Hsin; En, Hou Jen; Te, Chou Yu; Fu, Yu Yung
(74) Madderns Pty Ltd

(71) CAE INC.
(11) AU-A-2023204030
(21) 2023204030 (22) 15.03.2023
(54) FEDERATED MACHINE LEARNING IN ADAPTIVE TRAINING SYSTEMS
(51) Int. Cl.
G06N 20/00 (2019.01)
(31) 63/319,974 (32) 15.03.22 (33) US
(43) 05.10.2023
(72) DELISLE, Jean-François; WINOKUR, Ben; SINGH, Navpreet
(74) Clark Intellectual Property Pty Ltd

(71) Canon Kabushiki Kaisha
(11) AU-A-2023229581
(21) 2023229581 (22) 15.09.2023
(54) Developer supply container and developer supplying system
(51) Int. Cl.
G03G 15/08 (2006.01)
(43) 05.10.2023
(62) 2021209326
(72) GAMO, Yohei; KATO, Daijiro; OIZUMI, Yusuke; OKINO, Ayatomo
(74) Spruson & Ferguson

(71) CASIO COMPUTER CO., LTD.
(11) AU-A-2023201445
(21) 2023201445 (22) 08.03.2023
(54) IMAGING APPARATUS, IMAGING CONTROL METHOD AND PROGRAM
(51) Int. Cl.
G03B 13/36 (2021.01)
A61B 1/303 (2006.01)
G02B 5/20 (2006.01)
G02B 5/30 (2006.01)
G03B 13/30 (2021.01)
G03B 15/03 (2021.01)
G03B 15/14 (2021.01)
(31) 2022-044505 (32) 18.03.22 (33) JP
(43) 05.10.2023
(72) SASHIDA, Kenzo
(74) Griffith Hack

(71) Caterpillar Inc.
(11) AU-A-2023229595
(21) 2023229595 (22) 15.09.2023
(54) System and method for detection of load and dump locations
(51) Int. Cl.
G05D 1/02 (2020.01)
(43) 05.10.2023
(62) 2018274895
(72) Talmaki, Sanat A.; Smallenberger, Jason L.
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
(11) AU-A-2023201272
(21) 2023201272 (22) 01.03.2023
(54) CONTROLLING AN IMPLEMENT BASED ON DETERMINING A TARGET POSITION OF THE IMPLEMENT
(51) Int. Cl.
G05D 1/02 (2020.01)
E02F 9/20 (2006.01)
G05B 19/18 (2006.01)
(31) 17/654,960 (32) 15.03.22 (33) US
(43) 05.10.2023
(72) BRIDENBAUGH, Michael W.; KRONE, Bradley P.; FAIVRE, Joseph L.
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR PAVING PRODUCTS INC.
(11) AU-A-2023201274
(21) 2023201274 (22) 01.03.2023
(54) ASPHALT COMPACTOR PROPEL DIRECTION INDICATION
(51) Int. Cl.
E01C 19/26 (2006.01)
(31) 17/696,092 (32) 16.03.22 (33) US
(43) 05.10.2023
(72) DOY, Nathaniel S.; LINDHOLM, Timothy J.; LEE, Jeremy W.; OETKEN, Nicholas A.
(74) FPA Patent Attorneys Pty Ltd

(71) CCTEG Shenyang Research Institute; CCTEG Tiandi Science & Technology Co., Ltd.
(11) AU-A-2023201485
(21) 2023201485 (22) 09.03.2023
(54) RESCUE DECISION-MAKING METHOD AND SYSTEM
(51) Int. Cl.
G06Q 10/06 (2023.01)
E21F 17/00 (2006.01)
G06Q 50/02 (2012.01)
(31) 202210280885.X (32) 21.03.22 (33) CN
(43) 05.10.2023
(72) Qin, Yujin; Wang, Hao; Su, Weiwei; Zhou, Rui; Tian, Fuchao; Zheng, Zhongyu; Li, Jie; Sun, Weili; Zou, Yongming; Yan, Xunqiang; Yan, Binan
(74) Madderns Pty Ltd

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(21) 2023201485

(71) China University of Mining and Technology; Xuzhou Kerui Mining Technology Co., Ltd.
(11) AU-A-2022335876
(21) 2022335876 (22) 30.09.2022
(54) Low-energy-consumption grading and positioning method for coal mine auxiliary transportation vehicle and system thereof
(51) Int. Cl.
E21F 13/00 (2006.01)
E21F 17/18 (2006.01)

G06K 17/00 (2006.01)
(31) 202210275775.4 (32) 21.03.22 (33) CN
(43) 05.10.2023
(72) JIANG, Fan; ZHU, Zhencai; HUANG, Xingtao; ZHOU, Gongbo; LIU, Nian-sheng; WANG, Libing; ZHANG, Chuan-sheng; GUO, Junfeng; SHEN, Gang; CHENG, Shuman; MA, Jinlei; ZHANG, Chaofan; YI, Wenwen
(74) Baxter Patent Attorneys Pty Ltd

(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU LIREN MONORAIL TRANSPORTATION EQUIPMENT CO., LTD.
(11) AU-A-2022361892
(21) 2022361892 (22) 30.09.2022
(54) SERIES-PARALLEL MONORAIL HOIST BASED ON OIL-ELECTRIC HYBRID POWER AND CONTROLLING METHOD THEREOF
(51) Int. Cl.
B61C 13/06 (2006.01)
B61C 7/00 (2006.01)
B61C 17/00 (2006.01)
(31) 202210276160.3 (32) 21.03.22 (33) CN
(43) 05.10.2023
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(74) Baxter Patent Attorneys Pty Ltd

(71) ConocoPhillips Company
(11) AU-A-2023229603
(21) 2023229603 (22) 15.09.2023
(54) LIGHT OIL REFLUX HEAVIES RE-MOVAL PROCESS
(51) Int. Cl.
B01D 53/14 (2006.01)
C07C 7/11 (2006.01)
C10L 3/10 (2006.01)
(43) 05.10.2023
(62) 2018239332
(72) Davies, Paul R.; Calderon, Michael J.; Embry, Dale L.; Larkin, David W.; Ma, Qi
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Deere & Company
(11) AU-A-2023233076
(21) 2023233076 (22) 19.09.2023
(54) Wear resistant disk blade and agricultural machine with wear resistant disk blade
(51) Int. Cl.
A01B 23/06 (2006.01)
A01B 23/02 (2006.01)
A01C 5/06 (2006.01)
A01C 7/08 (2006.01)
(43) 05.10.2023
(62) 2017225171
(72) Groves, Tyler G.; Martin, Robert W.; Augustine, Brent A.; Nedved, Peter R.
(74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023229619
 (21) 2023229619 (22) 16.09.2023
 (54) LIQUID PROTEIN FORMULATIONS CONTAINING VISCOSITY-LOWERING AGENTS
 (51) Int. Cl.
C07K 1/14 (2006.01)
A61K 9/08 (2006.01)
A61K 9/19 (2006.01)
A61K 39/395 (2006.01)
A61K 47/06 (2006.01)
A61K 47/18 (2017.01)
A61K 47/20 (2006.01)
A61K 47/22 (2006.01)
A61K 47/24 (2006.01)
 (43) 05.10.2023
 (62) 2020202407
 (72) Langer, Robert S.; Weight, Alisha K.; Larson, Alyssa M.; Klibanov, Alexander M.; Love, Kevin; Crane, Alan
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) ECHOSENS,
 (11) AU-A-2023201478
 (21) 2023201478 (22) 09.03.2023
 (54) ELASTOGRAPHY DEVICE AND METHOD
 (51) Int. Cl.
A61B 8/08 (2006.01)
G01N 29/07 (2006.01)
G01N 29/11 (2006.01)
G01N 29/265 (2006.01)
G01N 29/34 (2006.01)
G01N 29/44 (2006.01)
G16H 30/20 (2018.01)
 (31) 22305298.6 (32) 15.03.22 (33) EP 17/695,053 15.03.22 US
 (43) 05.10.2023
 (72) AUDIERE, Stéphane; BASTARD, Cécile; LORÉE, Hugo; MIETTE, Véronique; SANDRIN, Laurent
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) EROAD Limited
 (11) AU-A-2023201846
 (21) 2023201846 (22) 24.03.2023
 (54) GOODS TRANSPORTATION SYSTEM AND METHOD
 (51) Int. Cl.
G06Q 10/0832 (2023.01)
B60P 3/20 (2006.01)
G06Q 10/047 (2023.01)
G06Q 50/28 (2012.01)
 (31) 63/321,092 (32) 17.03.22 (33) US
 (43) 05.10.2023
 (72) Perrin, Steven Mark; Pellett, Selwyn Lyle; Koyi, Akinyemi Akinbowale
 (74) Ellis Terry

(71) Eteknology Pty Ltd
 (11) AU-A-2023233085
 (21) 2023233085 (22) 19.09.2023
 (54) A Modular Power System
 (51) Int. Cl.
E04H 6/44 (2006.01)
B64F 1/22 (2006.01)

G03B 17/08 (2021.01)
G08G 5/00 (2006.01)
H01R 13/52 (2006.01)
H02J 7/00 (2006.01)
 (43) 05.10.2023
 (62) 2017361122
 (72) Mitchell, Roy
 (74) WRAYS PTY LTD

(71) Exeloo Limited
 (11) AU-A-2022259850
 (21) 2022259850 (22) 28.10.2022
 (54) A MOUNTING ASSEMBLY FOR A SLIDING DOOR
 (51) Int. Cl.
E05D 15/06 (2006.01)
B61D 19/00 (2006.01)
E06B 3/46 (2006.01)
 (31) 2022900656 (32) 17.03.22 (33) AU
 (43) 05.10.2023
 (72) MacKay, Eric Charles; Gee, Jonathon James; MacKay, Lorne Richard
 (74) James & Wells Intellectual Property

(71) F. Hoffmann-La Roche AG
 (11) AU-A-2023229513
 (21) 2023229513 (22) 13.09.2023
 (54) Solid forms of 3-((1R,3R)-1-(2,6-difluoro-4-((1-(3-fluoropropyl)azetidin-3-yl)amino)phenyl)-3-methyl-1,3,4,9-tetrahydro-2H-pyrido[3,4-b]indol-2-yl)-2,2-difluoropropan-1-ol and processes for preparing fused tricyclic compounds comprising a substituted phenyl or pyridinyl moiety, including methods of their use
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
 (43) 05.10.2023
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 (74) Griffith Hack

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 (21) 2023201755

(71) FibroBiologics, Inc.
 (11) AU-A-2023201649
 (21) 2023201649 (22) 16.03.2023
 (54) Therapeutic use of fibroblasts for use in wound healing
 (51) Int. Cl.
A61K 35/33 (2015.01)
A61F 13/00 (2006.01)
A61P 17/02 (2006.01)
C12N 5/077 (2010.01)
 (31) 63/320,388 (32) 16.03.22 (33) US 63/379,220 12.10.22 US 63/383,498 13.11.22 US

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 (74) FB Rice Pty Ltd

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 (21) 2023229605 (22) 15.09.2023
 (54) Valve module and filter
 (51) Int. Cl.
A61M 16/08 (2006.01)
A61M 16/10 (2006.01)
A61M 16/20 (2006.01)
 (43) 05.10.2023
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 (72) Van Schalkwyk, Andre; Kavermann, Stephen William; Donnelly, Jess Edward; Hawkins, Peter Geoffrey
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2023233061
 (21) 2023233061 (22) 19.09.2023
 (54) DELIVERING VARIABLE POSITIVE AIRWAY PRESSURE DEPENDING ON AWAKE STATE AND SLEEP DISORDERED BREATHING
 (51) Int. Cl.
A61M 16/00 (2006.01)
 (43) 05.10.2023
 (62) 2020239789
 (72) GERRED, Andrew Gordon; WHITING, David Robin
 (74) AJ PARK

(71) Flyingtee Tech, LLC
 (11) AU-A-2023233090
 (21) 2023233090 (22) 20.09.2023
 (54) Immersive and reactive game play range, system and process
 (51) Int. Cl.
A63B 69/36 (2006.01)
A63B 24/00 (2006.01)
A63B 71/06 (2006.01)
A63B 102/32 (2015.01)
 (43) 05.10.2023
 (62) 2019245475
 (72) VOLLBRECHT, James; CARVER, Jeremy Mathew; VOLLBRECHT, John
 (74) Minter Ellison

(71) Fujikura Ltd.
 (11) AU-A-2023229611
 (21) 2023229611 (22) 15.09.2023
 (54) OPTICAL FIBER ARRANGEMENT METHOD, OPTICAL FIBER FUSION SPLICING METHOD, METHOD FOR MANUFACTURING OPTICAL FIBER RIBBON WITH CONNECTOR, AND INTERMITTENTLY CONNECTED OPTICAL FIBER RIBBON
 (51) Int. Cl.
G02B 6/245 (2006.01)
G02B 6/25 (2006.01)
G02B 6/255 (2006.01)
G02B 6/44 (2006.01)
G02B 6/46 (2006.01)

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 (21) 2023233082 (22) 19.09.2023
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 (51) Int. Cl.
C12Q 1/04 (2006.01)
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 (62) 2017272864
 (72) De Manzanos Guinot, Angela; O'Donnely Weaver, Kerry
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Gen-Probe Incorporated
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 (21) 2023233105 (22) 20.09.2023
 (54) Instrument for analyzing a sample and associated methods for capacitive fluid level detection, and extraction of a fluid from a container
 (51) Int. Cl.
G01N 35/10 (2006.01)
G01F 23/26 (2022.01)
G01F 25/00 (2022.01)
G01N 35/04 (2006.01)
 (43) 05.10.2023
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 (54) Combination treatment for hematological cancers
 (51) Int. Cl.
A61K 31/635 (2006.01)
A61K 31/7125 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
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 (54) SWIMMING GOGGLES
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 (74) ALDRICH PROJECTS PTY LTD

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H05K 7/20 (2006.01)
G06F 1/20 (2006.01)
H01F 27/10 (2006.01)
H02K 5/20 (2006.01)
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G06Q 50/16 (2012.01)
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 (72) Hastings, Ben; Radovnikovic, Michael
 (74) Ben Hastings

(71) Hendrix College; Ohio State Innovation Foundation
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 (21) 2023233065 (22) 19.09.2023
 (54) Methods and compositions for inhibition of dihydroorotate dehydrogenase
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61K 45/06 (2006.01)
C07D 215/12 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

(71) HITCH & GO PTY LTD
 (11) AU-A-2023222860
 (21) 2023222860 (22) 29.08.2023
 (54) A VEHICLE MOUNTED SERVICE UNIT
 (51) Int. Cl.
B60N 3/16 (2006.01)
B60P 3/025 (2006.01)
B60R 9/06 (2006.01)
B60R 15/02 (2006.01)
A47J 37/07 (2006.01)
B60R 9/08 (2006.01)
B60R 11/00 (2006.01)
B60R 11/06 (2006.01)
F24C 15/30 (2006.01)

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 (54) Providing a comfort dashboard
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F24F 11/52 (2018.01)
F24F 11/63 (2018.01)
F24F 110/10 (2018.01)
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E04G 5/00 (2006.01)
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 (72) Arber, Jon; Nunn, David
 (74) Michael Buck IP

(71) HSU, C.
 (11) AU-A-2023201441
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 (54) Training device with changeable operating direction
 (51) Int. Cl.
A63B 21/012 (2006.01)
A63B 22/10 (2006.01)
A63B 23/12 (2006.01)
 (31) 111202626 (32) 16.03.22 (33) TW
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 (72) HSU, Chih-Yung
 (74) A.P.T. Patent and Trade Mark Attorneys

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 (21) 2023229600 (22) 15.09.2023
 (54) PICTURE PARTITIONING METHOD AND APPARATUS
 (51) Int. Cl.
H04N 19/107 (2014.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) METHOD AND APPARATUS FOR INTRA PREDICTION

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G06Q 30/06 (2023.01)
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- (72) Faircloth, Daniel
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(54) Trusses for use in building construction and methods of installing same
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E04B 1/38 (2006.01)
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- (74) Davies Collison Cave Pty Ltd
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(21) 2023233111 (22) 20.09.2023
(54) A method and system for wireless measurement of detonation of explosives
- (51) Int. Cl.
F42D 5/02 (2006.01)
F42D 1/055 (2006.01)
G01V 1/16 (2006.01)
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A61B 17/326 (2006.01)
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(54) Method for producing fruit wine by mixed-strains fermentation
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C12G 3/024 (2019.01)
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(54) Lever action automatic shootbolt operator with magnetically-triggered locking mechanism
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E05B 47/00 (2006.01)
E05B 47/06 (2006.01)
E05C 1/00 (2006.01)
E05C 1/02 (2006.01)
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G06N 5/04 (2006.01)
G06F 40/58 (2020.01)
G06Q 10/04 (2012.01)
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(54) Variable geometry thruster
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F02K 1/36 (2006.01)
F02K 1/00 (2006.01)
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- (72) EVULET, Andrei
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A01G 25/00 (2006.01)
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(54) WATER-SAVING IRRIGATION DEVICE FOR FORESTRY
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A01G 25/00 (2006.01)
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C12N 15/86 (2006.01)
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- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) ELECTRODE CATALYST LAYER FOR ELECTROLYSIS CELL, ELECTRODE FOR ELECTROLYSIS CELL, AND CARBON DIOXIDE ELECTROLYTIC DEVICE
- (51) Int. Cl.
C25B 11/073 (2021.01)
C25B 3/26 (2021.01)
C25B 15/08 (2006.01)
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A43B 3/10 (2006.01)
A43B 7/32 (2006.01)
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(21) 2023229565 (22) 14.09.2023
(54) A web-based videoconference virtual environment with navigable avatars, and applications thereof
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H04N 7/15 (2006.01)
G06T 19/00 (2011.01)
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(21) 2023233053 (22) 18.09.2023
(54) Chimeric antigen receptors and CAR-T cells and methods of use
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61P 35/02 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) Swivelling Joint
(51) Int. Cl.
F21V 21/36 (2006.01)
E04H 12/18 (2006.01)
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(62) 2021286248
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A01N 25/30 (2006.01)
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(51) Int. Cl.
G06V 20/52 (2022.01)
G06F 16/00 (2019.01)
G06N 20/00 (2019.01)
G06F 17/10 (2006.01)
G06F 18/2413 (2023.01)
G06N 3/02 (2006.01)
G06N 5/00 (2006.01)
G06Q 10/10 (2012.01)
G06Q 50/26 (2012.01)
G06V 10/46 (2022.01)
G06V 40/10 (2022.01)
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(74) Smita Kulkarni
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(11) AU-A-2023201104
(21) 2023201104 (22) 24.02.2023
(54) APPARATUS FOR SEPARATING A PRODUCT GAS FROM AN ELECTROLYSIS MEDIUM
(51) Int. Cl.
C25B 15/08 (2006.01)
C25B 1/04 (2021.01)
C25B 9/67 (2021.01)
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(74) Madderns Pty Ltd
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(54) PERFORMING AN ELECTROLYSIS
(51) Int. Cl.
C25B 9/70 (2021.01)
C25B 9/19 (2021.01)
(31) 22163340.7 (32) 21.03.22 (33) EP
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(51) Int. Cl.
A41D 13/01 (2006.01)
A41D 1/00 (2018.01)
A41D 1/04 (2006.01)
B60Q 1/26 (2006.01)
B62J 6/056 (2020.01)
B62J 6/16 (2020.01)
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(21) 2023229596 (22) 15.09.2023
(54) Magnetic joint and optical mount using the same
(51) Int. Cl.
G02B 7/02 (2021.01)
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(72) KRYLOV, Vladimir G.
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C09K 17/40 (2006.01)
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(51) Int. Cl.
H04M 3/51 (2006.01)
G06Q 10/10 (2023.01)

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(11) AU-A-2023233112
(21) 2023233112 (22) 20.09.2023
(54) PROCESS AND SYSTEM FOR COLLECTING, STORING, ANALYZING AND VISUALIZING ELECTROCARDIOGRAPHIC DATA (ECG) IN REAL TIME
(51) Int. Cl.
A61J 7/04 (2006.01)
A61B 5/00 (2006.01)
(43) 05.10.2023
(62) 2017353363
(72) Castagna, Marco Túlio Vilaça; Castagna, Ilene Maria Guimarães
(74) Armour IP
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- (71) LUMUS LTD.
(11) AU-A-2023229584
(21) 2023229584 (22) 15.09.2023
(54) OPTICAL APERTURE MULTIPLIERS HAVING A RECTANGULAR WAVEGUIDE
(51) Int. Cl.
G02B 27/01 (2006.01)
G02B 6/34 (2006.01)
G02B 27/10 (2006.01)
G02F 1/315 (2006.01)
G02F 1/335 (2006.01)
(43) 05.10.2023
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(74) Wallington-Dummer
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- (71) Magnet Forensics Inc.
(11) AU-A-2023201691
(21) 2023201691 (22) 17.03.2023
(54) System and method for predicting significant files from within a dataset of interest
(51) Int. Cl.
G06F 16/242 (2019.01)
G06F 16/13 (2019.01)
G06Q 10/00 (2023.01)
G06Q 50/26 (2012.01)
(31) 63/321,282 (32) 18.03.22 (33) US
(43) 05.10.2023
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(74) Spruson & Ferguson
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- (71) MasterCard International Incorporated
(11) AU-A-2023229588
(21) 2023229588 (22) 15.09.2023
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- (54) Method and system for universal control account activities
(51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/40 (2012.01)
(43) 05.10.2023
(62) 2017347645
(72) Anderson, James John; Malhotra, Sandeep; Dhala, Aryn Mohamed; Johnson, Alan
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023201606
(21) 2023201606 (22) 15.03.2023
(54) System and method for predicting transactional behavior in a network
(51) Int. Cl.
G06Q 20/38 (2012.01)
G06N 3/02 (2006.01)
G06N 3/044 (2023.01)
(31) 17/697,724 (32) 17.03.22 (33) US
(43) 05.10.2023
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(74) Davies Collison Cave Pty Ltd
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- (71) Max Co., Ltd.
(11) AU-A-2023233086
(21) 2023233086 (22) 19.09.2023
(54) Binding tape, binding method, tape winding body and reel
(51) Int. Cl.
B65D 63/10 (2006.01)
A01G 9/12 (2006.01)
B65B 27/00 (2006.01)
B65D 85/672 (2006.01)
B65H 75/02 (2006.01)
B65H 75/08 (2006.01)
B65H 75/10 (2006.01)
(43) 05.10.2023
(62) 2019305815
(72) TAGUCHI, Satoshi; KATANIWA, Mizuki
(74) Griffith Hack
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(11) AU-A-2023229554
(21) 2023229554 (22) 14.09.2023
(54) Detecting pancreatic high-grade dysplasia
(51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/117 (2010.01)
C12Q 1/68 (2018.01)
G01N 33/574 (2006.01)
(43) 05.10.2023
(62) 2017250663
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(74) Spruson & Ferguson
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(11) AU-A-2023203070
(21) 2023203070 (22) 16.05.2023
(54) AN EXTRACTION UNIT FOR EXTRACTING A ROBOT
(51) Int. Cl.
E04H 4/16 (2006.01)
B25J 1/02 (2006.01)
B25J 1/04 (2006.01)
(31) 291426 (32) 16.03.22 (33) IL
63/383,696 14.11.22 US
(43) 05.10.2023
(72) LIBERMAN, Yuval; KONEDRO, Hezi; FRUCHT, Malka Klein
(74) Blackwattle IP
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- (71) Meso Scale Technologies, LLC.
(11) AU-A-2023233062
(21) 2023233062 (22) 19.09.2023
(54) Assay Apparatuses, Methods and Reagents
(51) Int. Cl.
B01L 3/00 (2006.01)
B01L 7/00 (2006.01)
G01N 21/03 (2006.01)
G01N 21/66 (2006.01)
G01N 21/76 (2006.01)
(43) 05.10.2023
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(74) Chrysilio IP
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- (71) Metso Outotec Finland Oy
(11) AU-A-2023229618
(21) 2023229618 (22) 15.09.2023
(54) Wear liner assembly
(51) Int. Cl.
F16B 5/02 (2006.01)
B02C 17/22 (2006.01)
F16B 21/02 (2006.01)
F16B 33/00 (2006.01)
F16B 35/04 (2006.01)
F16B 43/00 (2006.01)
(43) 05.10.2023
(62) 2017276814
(72) Davies, Brian
(74) WRAYS PTY LTD
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- (71) MFTB Holdco, Inc.
(11) AU-A-2023233049
(21) 2023233049 (22) 18.09.2023
(54) Automated identification and use of building floor plan information
(51) Int. Cl.
G06T 7/60 (2017.01)
G06N 3/02 (2006.01)
G06Q 50/16 (2012.01)
G06T 7/162 (2017.01)
(43) 05.10.2023
(62) 2021234854
(72) Yin, Yu; Hutchcroft, Will Adrian; Boyadzhiev, Ivaylo; Kang, Sing Bing; Li, Yujie; Moulon, Pierre
(74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023233079
 (21) 2023233079 (22) 19.09.2023
 (54) Assemblies, components, and methods for creating a flameproof or explosion proof barrier
 (51) Int. Cl.
H01R 13/52 (2006.01)
G01F 15/14 (2006.01)
G01F 1/84 (2006.01)
H01R 13/533 (2006.01)
H01R 101/00 (2006.01)
 (43) 05.10.2023
 (62) 2020429918
 (72) PAVOL, Eric; JAMES, Clayton T.; SHANAHAN, Shaun E.; DESHPANDE, Atul Vasant; SOHM Jr., Howard Irving
 (74) GLMR

(71) Micro Motion, Inc.
 (11) AU-A-2023233080
 (21) 2023233080 (22) 19.09.2023
 (54) Assemblies, components, and methods for creating a flameproof or explosion proof barrier
 (51) Int. Cl.
H01R 13/52 (2006.01)
G01F 15/14 (2006.01)
G01F 1/84 (2006.01)
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 (43) 05.10.2023
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 (72) PAVOL, Eric; JAMES, Clayton T.; SHANAHAN, Shaun E.; DESHPANDE, Atul Vasant; SOHM Jr., Howard Irving
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 (21) 2023201719

(71) Monsanto Technology LLC
 (11) AU-A-2023229538
 (21) 2023229538 (22) 14.09.2023
 (54) Methods and compositions for selective regulation of protein expression
 (51) Int. Cl.
A01H 1/00 (2006.01)
A01H 1/02 (2006.01)
A01H 3/04 (2006.01)
 (43) 05.10.2023
 (62) 2020273330
 (72) Huang, Jintai; Qi, Youlin; Yang, Heping; Zhang, Yuanji
 (74) Davies Collison Cave Pty Ltd

(71) Monsanto Technology LLC
 (11) AU-A-2023229539
 (21) 2023229539 (22) 14.09.2023
 (54) Methods and compositions for gene expression in plants
 (51) Int. Cl.
A01H 5/00 (2018.01)
C12N 5/04 (2006.01)

C12N 9/02 (2006.01)
C12N 15/82 (2006.01)
C12Q 1/32 (2006.01)
 (43) 05.10.2023
 (62) 2017301813
 (72) Larue, Clayton T.; Ream, Joel E.; Shariff, Aabid; Zhang, Yuanji; Zhou, Xuefeng
 (74) Davies Collison Cave Pty Ltd

(71) MxT Biotech
 (11) AU-A-2023229574
 (21) 2023229574 (22) 15.09.2023
 (54) MICROFLUIDIC SYSTEM FOR INTRACELLULAR DELIVERY OF MATERIALS AND METHOD THEREFOR
 (51) Int. Cl.
B01L 3/00 (2006.01)
 (43) 05.10.2023
 (62) 2020234406
 (72) CHUNG, Aram; KANG, Gum-Young; HUR, Jeong Soo
 (74) Remarkable IP

(71) NAVICO HOLDING AS
 (11) AU-A-2023233101
 (21) 2023233101 (22) 20.09.2023
 (54) SONAR BEAM SHAPE CONTROLLING HORN
 (51) Int. Cl.
G01S 15/02 (2006.01)
H01Q 3/02 (2006.01)
H01Q 13/02 (2006.01)
 (43) 05.10.2023
 (62) 2022202301
 (72) CASPALL, Jayme J.; GAO, Bin; CHAMBERS, Andrew
 (74) AJ PARK

(71) Nicoventures Trading Limited
 (11) AU-A-2023229598
 (21) 2023229598 (22) 15.09.2023
 (54) Aerosol generating device
 (51) Int. Cl.
H05B 6/10 (2006.01)
A24F 47/00 (2020.01)
H02J 7/00 (2006.01)
 (43) 05.10.2023
 (62) 2020235315
 (72) BLANDINO, Thomas Paul; SAYED, Ashley John; WARREN, Luke James
 (74) Spruson & Ferguson

(71) Nicoventures Trading Limited
 (11) AU-A-2023229613
 (21) 2023229613 (22) 15.09.2023
 (54) Apparatus for aerosol generating device
 (51) Int. Cl.
H05B 6/10 (2006.01)
A24F 40/50 (2020.01)
A24F 47/00 (2020.01)
H05B 6/06 (2006.01)
 (43) 05.10.2023
 (62) 2020238495
 (72) BLANDINO, Thomas Paul; BEIDELMAN, Keith George
 (74) Spruson & Ferguson

(71) Nien Made Enterprise Co., Ltd.
 (11) AU-A-2023201556
 (21) 2023201556 (22) 14.03.2023
 (54) Window blind
 (51) Int. Cl.
E06B 9/303 (2006.01)
E06B 9/326 (2006.01)
 (31) 202220642916.7 (32) 23.03.22 (33) CN
 111202817 18.03.22 TW
 (43) 05.10.2023
 (72) Shui-Dong, WEI; Lei, LUO; Lin, CHEN
 (74) FB Rice Pty Ltd

(71) NILO GLOBAL LIMITED
 (11) AU-A-2023229617
 (21) 2023229617 (22) 15.09.2023
 (54) Plastic processing apparatus and related methods
 (51) Int. Cl.
B02C 18/28 (2006.01)
B02C 4/02 (2006.01)
B29B 17/04 (2006.01)
F04D 29/00 (2006.01)
 (43) 05.10.2023
 (62) 2021245237
 (72) HODGSON, Robert; HODGSON, Thomas Clarence
 (74) Dentons Patent Attorneys Australasia Limited

(71) Nkarta, Inc.
 (11) AU-A-2023229555
 (21) 2023229555 (22) 14.09.2023
 (54) CD19-directed chimeric antigen receptors and uses thereof in immunotherapy
 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
A61P 35/02 (2006.01)
 (43) 05.10.2023
 (62) 2020232691
 (72) TRAGER, James Barnaby; BUREN, Luxuan Guo; GUO, Chao; TOHMÉ, Mira; CHAN, Ivan; LAZETIC, Alexandra Leida Liana
 (74) FB Rice Pty Ltd

(71) Novartis AG
 (11) AU-A-2023233074
 (21) 2023233074 (22) 19.09.2023
 (54) Binding molecules against BCMA and uses thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
 (43) 05.10.2023
 (62) 2019277029
 (72) ABUJOUR, Aida; BLANKENSHIP, John; FLEMING, Tony; HOLMBERG, Brian; HONG, Connie; HUANG, Lu; LU, Haihui; GRANDA, Brian Walter
 (74) Davies Collison Cave Pty Ltd

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- (71) Ocado Innovation Limited
(11) AU-A-2023233051
(21) 2023233051 (22) 18.09.2023
(54) Storage system and method
(51) Int. Cl.
B65G 1/04 (2006.01)
B65D 21/00 (2006.01)
B65D 77/04 (2006.01)
- (43) 05.10.2023
(62) 2020224377
(72) WHELAN, Matthew; TURE LINDBO, Lars Sverker; INGRAM-TEDD, Andrew; CLARKE, Paul
(74) Griffith Hack
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- Ohio State Innovation Foundation see Hendrix College
(21) 2023233065
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- (71) OligoScience Biotechnology GmbH
(11) AU-A-2023229583
(21) 2023229583 (22) 15.09.2023
(54) Microorganism for producing human milk oligosaccharide
(51) Int. Cl.
C12N 9/10 (2006.01)
A23L 33/00 (2016.01)
C07K 14/245 (2006.01)
C07K 14/435 (2006.01)
C12P 19/18 (2006.01)
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(62) 2018310663
(72) PERACHA, Max; WEMHOFF, Sabrina; MEINHARDT, Friedhelm
(74) Spruson & Ferguson
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- (71) Poseida Therapeutics, Inc.
(11) AU-A-2023208176
(21) 2023208176 (22) 27.07.2023
(54) VCAR compositions and methods for use
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
C12N 15/62 (2006.01)
- (43) 05.10.2023
(62) 2018393110
(72) Ostertag, Eric; Shedlock, Devon
(74) FPA Patent Attorneys Pty Ltd
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- (71) PT. PEGADAIAN (Persero)
(11) AU-A-2022205265
(21) 2022205265 (22) 15.07.2022
(54) DIGITAL SERVICE-BASED PAWN TRANSACTION SYSTEM
(51) Int. Cl.
G06Q 30/06 (2012.01)
G06Q 10/00 (2012.01)
G06Q 20/00 (2012.01)
- (31) P00202203314 (32) 16.03.22 (33) ID
(43) 05.10.2023
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- (71) Ranken Research Pty Ltd
(11) AU-A-2023201753
(21) 2023201753 (22) 21.03.2023
(54) Mechanisms and Methods for Wool Severance
(51) Int. Cl.
B26B 25/00 (2006.01)
B26B 29/06 (2006.01)
- (31) 2022900693 (32) 21.03.22 (33) AU
(43) 05.10.2023
(72) Ranken, James Paterson
(74) Davies Collison Cave Pty Ltd
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- (71) Rebound Therapeutics Corporation
(11) AU-A-2023233093
(21) 2023233093 (22) 20.09.2023
(54) FLUORESCENCE IMAGING SYSTEM
(51) Int. Cl.
A61B 90/00 (2016.01)
A61B 1/04 (2006.01)
A61B 1/06 (2006.01)
A61B 1/313 (2006.01)
A61B 5/00 (2006.01)
A61B 17/34 (2006.01)
- (43) 05.10.2023
(62) 2020336268
(72) TSUKASHIMA, Ross; AMORSOLO, Milo Alfaro
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Reddy, S.
(11) AU-A-2022224851
(21) 2022224851 (22) 02.09.2022
(54) A PORTABLE HEALTHCARE SYSTEM INSTALLED AT A REMOTE LOCATION HAVING LIMITED INTERNET CONNECTIVITY
(51) Int. Cl.
G16H 15/00 (2018.01)
G16H 10/00 (2018.01)
G16H 40/20 (2018.01)
G16H 80/00 (2018.01)
- (31) 17/694,819 (32) 15.03.22 (33) US
(43) 05.10.2023
(72) Reddy, Sandeep
(74) Sandeep Reddy
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- (71) Regeneron Pharmaceuticals, Inc.; Bayer HealthCare LLC
(11) AU-A-2023201635
(21) 2023201635 (22) 15.03.2023
(54) Extended, High Dose VEGF Antagonist Regimens for Treatment of Angiogenic Eye Disorders
(51) Int. Cl.
A61K 38/17 (2006.01)
A61P 27/02 (2006.01)
- (31) 63/319,865 (32) 15.03.22 (33) US
63/404,511 07.09.22 US
63/404,889 08.09.22 US
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- (43) 05.10.2023
(72) VITTI, Robert L.; BERLINER, Alyson J.; CHU, Karen; ASMUS, Friedrich; DA SILVA LEAL, Sérgio Casimiro; EI#ING, Thomas; RITTENHOUSE, Kay D.
(74) Griffith Hack
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(11) AU-A-2023201638
(21) 2023201638 (22) 15.03.2023
(54) Extended, High Dose VEGF Antagonist Regimens for Treatment of Angiogenic Eye Disorders
(51) Int. Cl.
A61K 38/17 (2006.01)
A61P 27/02 (2006.01)
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(72) VITTI, Robert L.; BERLINER, Alyson J.; CHU, Karen; ASMUS, Friedrich; DA SILVA LEAL, Sérgio Casimiro; EI#ING, Thomas; RITTENHOUSE, Kay D.
(74) Griffith Hack
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- (71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(11) AU-A-2023233110
(21) 2023233110 (22) 20.09.2023
(54) Compositions comprising IL6R antibodies for the treatment of uveitis and macular edema and methods of using same
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 27/02 (2006.01)
A61K 39/00 (2006.01)
- (43) 05.10.2023
(62) 2016348418
(72) Sridhara Sundaram, Preethi Aavali; Buggage, Ronald; Chu, Karen W.; Corp Dit Genti, Valerie; Erickson, Kristine A.; Mery-Mignard, Mominique; Varona, Rafael; Vitti, Robert L.
(74) Griffith Hack
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- (71) Research Institute at Nationwide Children's Hospital
(11) AU-A-2023229533
(21) 2023229533 (22) 14.09.2023

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 (51) Int. Cl.
C07K 16/12 (2006.01)
A61K 39/395 (2006.01)
A61K 39/40 (2006.01)
C07K 16/18 (2006.01)
C12N 15/62 (2006.01)
 (43) 05.10.2023
 (62) 2016303688
 (72) Bakaletz, Lauren O.; Goodman, Steven D.
 (74) HENRY HUGHES IP LTD

(71) Ribon Therapeutics Inc.
 (11) AU-A-2023233066
 (21) 2023233066 (22) 19.09.2023
 (54) Quinazolinones as PARP14 inhibitors
 (51) Int. Cl.
C07D 239/88 (2006.01)
A61K 31/517 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
 (43) 05.10.2023
 (62) 2018392616
 (72) SCHENKEL, Laurie B.; VASBINDER, Melissa Marie; KUNTZ, Kevin Wayne; SWINGER, Kerren Kalai
 (74) FB Rice Pty Ltd

(71) S.C.R. (ENGINEERS) LIMITED
 (11) AU-A-2023229606
 (21) 2023229606 (22) 15.09.2023
 (54) A Livestock Management System and Method of Operation
 (51) Int. Cl.
A01K 1/12 (2006.01)
A01J 5/007 (2006.01)
A01K 11/00 (2006.01)
 (43) 05.10.2023
 (62) 2017283979
 (72) Doohan, Richard John; Van Beek, John-Gerald Robert
 (74) James & Wells Intellectual Property

(71) S&A Group Holdings Limited
 (11) AU-A-2023201664
 (21) 2023201664 (22) 17.03.2023
 (54) A mobile autonomous agricultural system
 (51) Int. Cl.
G06V 20/58 (2022.01)
B60W 30/09 (2012.01)
B60W 60/00 (2020.01)
G01S 17/86 (2020.01)
G05D 1/02 (2020.01)
G05D 1/08 (2006.01)
G06F 18/22 (2023.01)
G06T 7/246 (2017.01)
G06V 20/64 (2022.01)
 (31) 2203843.4 (32) 18.03.22 (33) GB

(43) 05.10.2023
 (72) PALMER, Edward John Francis; KOTTERI, Jithesh; OWENS, Austin William; PERRETT, Daniel John Owen
 (74) FB Rice Pty Ltd

(71) Safariland, LLC
 (11) AU-A-2023201167
 (21) 2023201167 (22) 27.02.2023
 (54) Holster tensioner device
 (51) Int. Cl.
F41C 33/02 (2006.01)
 (31) 18/104,901 (32) 02.02.23 (33) US
 63/320,424 16.03.22 US
 63/354,127 21.06.22 US
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 (43) 05.10.2023
 (72) MCKENDRICK, Matthew E.; DERENZO, Robert
 (74) Spruson & Ferguson

(71) Sahajanand Medical Technologies Limited
 (11) AU-A-2022329245
 (21) 2022329245 (22) 13.06.2022
 (54) Implant detachment mechanism
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (31) 202221015511 (32) 21.03.22 (33) IN
 (43) 05.10.2023
 (72) SINGHVI, Abhijeet; SOLANKI, Chirag Maheshbhai; PANDEY, Shivanshu; MUNJANI, Akashkumar Ashokbhai; VASHISHT, Isha
 (74) Spruson & Ferguson

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(21) 2023233110

(71) SCF Group Pty Ltd
 (11) AU-A-2023201725
 (21) 2023201725 (22) 20.03.2023
 (54) BULK POWDER TANK IMPROVEMENTS
 (51) Int. Cl.
B65D 88/70 (2006.01)
B65D 88/06 (2006.01)
B65D 88/54 (2006.01)
B65D 88/72 (2006.01)
B65G 53/20 (2006.01)
 (31) 2022900692 (32) 21.03.22 (33) AU
 (43) 05.10.2023
 (72) Driscoll, Jamie Lee; Tan, Kevin
 (74) Maddersn Pty Ltd

(71) Schneider Electric Industries SAS
 (11) AU-A-2023201673
 (21) 2023201673 (22) 17.03.2023
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 (51) Int. Cl.
H01H 1/50 (2006.01)
H01H 1/54 (2006.01)
H01H 3/54 (2006.01)

H01H 3/60 (2006.01)
H01H 50/54 (2006.01)
H01H 63/02 (2006.01)
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H01H 9/26 (2006.01)
H01H 3/38 (2006.01)
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A01C 7/10 (2006.01)
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 (54) ACCESS CONTROL SYSTEM PROTECTING PRODUCTS AT DIFFERENT VENDOR LOCATIONS BASED ON LOCALLY PROVIDED IDENTIFICATION DOCUMENTS AND CENTRALLY MANAGED BANNED USER DATA
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G06F 21/34 (2013.01)
G06F 3/0482 (2013.01)
G06F 16/172 (2019.01)
G06F 21/33 (2013.01)
G07C 9/22 (2020.01)
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H04L 9/32 (2006.01)
H04L 67/01 (2022.01)
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C05D 3/02 (2006.01)
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C05G 5/12 (2020.01)
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A61K 36/752 (2006.01)
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A61K 36/05 (2006.01)
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H02K 7/14 (2006.01)
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A61K 38/00 (2006.01)
A61K 38/16 (2006.01)
C07K 7/00 (2006.01)
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A61K 38/00 (2006.01)
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A61B 34/10 (2016.01)
A61F 2/46 (2006.01)
G16H 30/20 (2018.01)
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B33Y 30/00 (2015.01)
B33Y 80/00 (2015.01)
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 (54) Smart scheduling of operation of a robotic garden tool

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(21) 2023201513 (22) 10.03.2023
(54) Controlling movement of a robotic garden tool for docking purposes

(51) Int. Cl.
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G01S 11/06 (2006.01)
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(54) Robotic garden tool and method
(51) Int. Cl.
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H04N 19/56 (2014.01)
H04N 19/137 (2014.01)
H04N 19/139 (2014.01)
H04N 19/159 (2014.01)
H04N 19/176 (2014.01)
H04N 19/18 (2014.01)
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B05B 13/00 (2006.01)
B05B 1/04 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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A62C 3/07 (2006.01)
A62C 2/06 (2006.01)
A62C 8/08 (2006.01)
E04H 15/06 (2006.01)
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F24D 13/02 (2006.01)
A47K 10/06 (2006.01)
H05B 1/02 (2006.01)
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C07K 7/06 (2006.01)
A61K 47/60 (2017.01)
A61P 17/06 (2006.01)
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 AND COMPUTER STORAGE MEDIUM
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 (54) DEVICE FOR DETECTING AN ANA-
 LYTE IN A LIQUID SAMPLE
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B01L 3/00 (2006.01)
A61B 10/02 (2006.01)
G01N 1/10 (2006.01)
G01N 1/28 (2006.01)
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(31) EP22211977.8 **(32)** 07.12.22 **(33)** EP
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2022201799	Hastings, B.; Radovnikovic, M.	2023201661	Techtronic Cordless GP
2022201800	Tran, Q.	2023201664	S&A Group Holdings Limited
2022201805	Advanced Elite International Pty. Ltd.	2023201666	Beijing Tusen Zhitu Technology Co., Ltd.
2022201854	Liquid Fertiliser Technologies Pty Ltd	2023201670	Stryker Australia PTY LTD
2022201865	A-SHA REPUBLIC INC.	2023201673	Schneider Electric Industries SAS
2022201866	HRS Scaffold Hire Pty Ltd	2023201680	Willand (Beijing) Technology Co., LTD.
2022201868	Grasschain Technologies Pty Ltd	2023201690	Techtronic Cordless GP
2022201913	Karekar, N.	2023201691	Magnet Forensics Inc.
2022201917	Thermogroup Trading Pty Ltd	2023201710	Beijing Tusen Zhitu Technology Co., Ltd.
2022202199	Servall Data Systems Inc.	2023201719	Shah, R.R.; Microport Orthopedics Holdings Inc.
2022202486	Kulkarni, S.	2023201723	Schneider Electric Industries SAS
2022203595	Global Esprit Inc.	2023201725	SCF Group Pty Ltd
2022203711	Intuit Inc.	2023201753	Ranken Research Pty Ltd
2022205224	Zhejiang Orient Gene Biotech Co., Ltd	2023201755	IERUS Technologies; Faircloth, D.
2022205265	PT. PEGADAIAN (Persero)	2023201757	Breville Pty Limited
2022209320	Zhejiang Orient Gene Biotech Co., Ltd	2023201846	EROAD Limited
2022218533	Kabushiki Kaisha Toshiba	2023203070	Maytronics Ltd.
2022224851	Reddy, S.	2023204030	CAE INC.
2022241507	Institute of Agro-Products Processing Science and Technology	2023204581	Yale University
2022252763	Taiwan Mercury Medical Corporation	2023206191	Juno Therapeutics GmbH
2022259850	Exeloo Limited	2023208176	Poseida Therapeutics, Inc.
2022291538	Zoono Group Limited	2023222860	HITCH & GO PTY LTD
2022329245	Sahajanand Medical Technologies Limited	2023229467	Angel Group Co., Ltd.
2022335876	China University of Mining and Technology; Xuzhou Kerui Mining Technology Co., Ltd.	2023229513	F. Hoffmann-La Roche AG
2022361892	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU LIREN MONORAIL TRANSPORTATION EQUIPMENT CO., LTD.	2023229533	Research Institute at Nationwide Children's Hospital
2022383820	SINO-TELECOM TECHNOLOGY CO., INC	2023229538	Monsanto Technology LLC
2022430006	3R LIFE SCIENCES CORPORATION	2023229539	Monsanto Technology LLC
2022430007	3R LIFE SCIENCES CORPORATION	2023229540	Biogen MA Inc.
2022432101	JIANGSU HUAYUAN WATER-SAVING CO., LTD	2023229547	Avery Dennison Retail Information Services LLC
2022438470	JIANGSU HUAYUAN WATER-SAVING CO., LTD	2023229554	Mayo Foundation for Medical Education and Research
2022445032	BEIJING HUTT WISDOM TECHNOLOGY CO., LTD.	2023229555	Nkarta, Inc.
2023200367	SeedMaster Manufacturing Ltd.	2023229565	Katmai Tech Inc.
2023200814	Thermaguard Pty Ltd	2023229566	Apple Inc.
2023201104	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude	2023229568	SunTracker Technologies Ltd.
2023201167	Safariland, LLC	2023229570	Boston Scientific Scimed, Inc.
2023201272	CATERPILLAR INC.	2023229574	MxT Biotech
2023201274	CATERPILLAR PAVING PRODUCTS INC.	2023229576	Alecson Feld Australia Pty Ltd
2023201432	Beijing Tusen Zhitu Technology Co., Ltd.	2023229577	Beam Therapeutics Inc.
2023201441	HSU, C.	2023229578	Willow Innovations, Inc.
2023201445	CASIO COMPUTER CO., LTD.	2023229580	Zhejiang Jinko Solar Co. Ltd.; Shanghai Jinko Green Energy Enterprise Management Co. Ltd.
2023201470	Techtronic Cordless GP	2023229581	Canon Kabushiki Kaisha
2023201471	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.	2023229582	Angel Group Co., Ltd.
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2023201485	CCTEG Shenyang Research Institute; CCTEG Tiandi Science & Technology Co., Ltd.	2023229584	LUMUS LTD.
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2023201515	Techtronic Cordless GP	2023229588	MasterCard International Incorporated
2023201516	Techtronic Cordless GP	2023229589	Snap-on Incorporated
2023201518	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude	2023229590	Athenex Therapeutics Limited
2023201550	Beijing Tusen Zhitu Technology Co., Ltd.	2023229592	Geron Corporation
2023201556	Nien Made Enterprise Co., Ltd.	2023229593	LivePerson, Inc.
2023201558	Beijing Tusen Zhitu Technology Co., Ltd.	2023229595	Caterpillar Inc.
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2023201578	Britax Child Safety, Inc.	2023229597	Apple Inc.
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2023201635	Regeneron Pharmaceuticals, Inc.; Bayer HealthCare LLC	2023229600	Huawei Technologies Co., Ltd.
2023201638	Regeneron Pharmaceuticals, Inc.; Bayer HealthCare LLC	2023229601	Huawei Technologies Co., Ltd.
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		2023229605	Fisher & Paykel Healthcare Limited
		2023229606	S.C.R. (ENGINEERS) LIMITED
		2023229610	Illinois Tool Works Inc.
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2023229619 Eagle Biologics, Inc.
2023229716 argenx BV
2023229807 Kop-Coat, Inc.
2023231576 2MT Mining Products Pty Ltd
2023233049 MFTB Holdco, Inc.
2023233050 8 Rivers Capital, LLC
2023233051 Ocado Innovation Limited
2023233052 9754741 Canada Ltd.
2023233053 Kite Pharma, Inc.
2023233054 Interlock USA, Inc.
2023233055 The Regents of the University of California
2023233056 Jarvis, H.F.
2023233058 VMware, Inc.
2023233061 FISHER & PAYKEL HEALTHCARE LIMITED
2023233062 Meso Scale Technologies, LLC.
2023233065 Hendrix College; Ohio State Innovation Foundation
2023233066 Ribon Therapeutics Inc.
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2023233091 Tencent America LLC
2023233093 Rebound Therapeutics Corporation
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2023233095 Amsted Rail Company, Inc.
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2023233101 NAVICO HOLDING AS
2023233104 Boston Scientific Limited
2023233105 Gen-Probe Incorporated
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. (*) Title not in Roman characters

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

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(21) 2023100080 **(22)** 11.09.2023

(54) User interfaces for viewing and refining the current location of an electronic device

(51) Int. Cl.

G06F 3/048 (2013.01)

G09G 5/373 (2006.01)

(45) 05.10.2023

(62) 2022100164

(72) Uzum Vella, Isil; Andrich, Brian J.; Apuy, Ryan Won-meng; Hajj, Usama M.; Sodervall, Erik G.; Figueroa, Hollie Renee; Li, Linghao; Johnson, Martin E.

(74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2022237559
 (21) 2022237559 (22) 17.03.2022
 (54) EARPIECE AND EARHOOK FOR THE SAME
 (51) Int. Cl.
H04R 5/033 (2006.01)
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 (87) WO2022/197924
 (31) 63/162,344 (32) 17.03.21 (33) US
 (43) 22.09.2022
 (72) BRAUN, Katrin; DAOUST, Bernard; BERNIER, Antoine, J.
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2022238374
 (21) 2022238374 (22) 17.03.2022
 (54) FIELD CHECK FOR HEARING PROTECTION DEVICES
 (51) Int. Cl.
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 (87) WO2022/197926
 (31) 63/162,351 (32) 17.03.21 (33) US
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 (72) BERNIER, Antoine J.; HENRY, Paul D.; RAYMOND, Alexandre J.; HAMER, Jeffrey L.; FACKLER, Cameron J.
 (74) FPA Patent Attorneys Pty Ltd

(71) 3M INNOVATIVE PROPERTIES COMPANY
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H01R 13/627 (2006.01)
H02J 7/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (51) Int. Cl.
A61M 60/274 (2021.01)
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A61M 60/117 (2021.01)
A61M 60/139 (2021.01)
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 (51) Int. Cl.
B22F 3/105 (2006.01)
B29C 64/10 (2017.01)
H01B 1/02 (2006.01)
H01B 13/30 (2006.01)
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 (72) BADWE, Sunil, Bhalchandra
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (51) Int. Cl.
B22F 1/065 (2022.01)
B22F 9/04 (2006.01)
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G06Q 10/04 (2023.01)
G06Q 10/06 (2023.01)
G06Q 50/02 (2012.01)
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 (54) YEAST STRAIN DEVELOPMENT FOR ETHANOL PRODUCTION
 (51) Int. Cl.
C12N 1/16 (2006.01)
C12N 11/10 (2006.01)
C12P 7/06 (2006.01)
C12P 7/10 (2006.01)
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C12N 1/16 (2006.01)
C12N 11/10 (2006.01)
C12P 7/06 (2006.01)
C12P 7/10 (2006.01)
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A61K 39/00 (2006.01)
C12Q 1/6869 (2018.01)
G16B 20/20 (2019.01)
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A61B 5/0538 (2021.01)
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A61K 41/00 (2020.01)
A61P 25/00 (2006.01)
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A01N 43/54 (2006.01)
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C07K 14/705 (2006.01)
C12N 5/00 (2006.01)
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B64B 1/40 (2006.01)
B64D 1/12 (2006.01)
B64D 17/62 (2006.01)
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A61K 38/55 (2006.01)
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A61P 25/02 (2006.01)
A61P 31/12 (2006.01)
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A61B 5/083 (2006.01)
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A61B 5/097 (2006.01)
A61D 17/00 (2006.01)
A61D 99/00 (2006.01)
G01N 33/497 (2006.01)
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B29C 48/00 (2019.01)
B29C 48/44 (2019.01)
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(54) FLAME RETARDANTS FOR BATTERY ELECTROLYTES
(51) Int. Cl.
H01M 10/0525 (2010.01)
H01M 10/0567 (2010.01)
H01M 10/0568 (2010.01)
H01M 10/0569 (2010.01)
H01M 10/42 (2006.01)
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H01M 10/0525 (2010.01)
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H01M 10/0568 (2010.01)
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H01M 10/0567 (2010.01)
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 (51) Int. Cl.
H01M 10/0567 (2010.01)
C07C 69/007 (2006.01)
H01M 10/0525 (2010.01)
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H01M 10/0568 (2010.01)
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 (54) METHOD OF PREPARING ALUMINA
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C01F 7/22 (2006.01)
C01F 7/306 (2022.01)
C01F 7/56 (2022.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61P 25/28 (2006.01)
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 (54) SUTURE-BASED ASSEMBLY FOR TISSUE REPAIR, AND ASSOCIATED DEVICES AND METHODS
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A61B 17/04 (2006.01)
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C07D 209/48 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61K 31/4035 (2006.01)
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B60L 53/22 (2019.01)
B60L 53/00 (2019.01)
B60L 53/20 (2019.01)
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A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
C07K 16/28 (2006.01)
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 (54) MAYTANSINE-ANTIBODY CONJUGATES AND METHODS OF USING SAME
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A61K 31/03 (2006.01)
A61K 31/122 (2006.01)
A61K 31/535 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
C07K 16/28 (2006.01)
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H02J 50/90 (2016.01)
H02J 50/10 (2016.01)
H02J 50/40 (2016.01)

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 (54) MAGNETICS CONFIGURATIONS FOR WIRELESS POWER TRANSFER AND COMMUNICATIONS IN ELECTRONIC DEVICE
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 H02J 50/00 (2016.01)
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 H02J 50/60 (2016.01)
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 A61K 35/17 (2015.01)
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 A61G 7/10 (2006.01)
 B60B 33/02 (2006.01)
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 (72) CUSTEAU-BOISCLAIR, Olivier; FAUCHER, Martin
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 (54) SYSTEM FOR QUEUING FLOWS TO CHANNELS
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 H04L 47/50 (2022.01)
 H04L 47/24 (2022.01)
 H04N 21/2385 (2011.01)
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 A61K 31/713 (2006.01)
 C12N 15/113 (2010.01)
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 A61B 17/3205 (2006.01)
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 C07D 401/14 (2006.01)
 A61K 31/451 (2006.01)
 A61K 31/496 (2006.01)
 A61K 31/506 (2006.01)
 A61K 31/5377 (2006.01)
 A61K 31/5386 (2006.01)
 A61P 1/12 (2006.01)
 A61P 17/02 (2006.01)
 A61P 25/16 (2006.01)
 A61P 25/28 (2006.01)
 A61P 31/08 (2006.01)
 C07D 405/14 (2006.01)
 C07D 413/14 (2006.01)
 C07D 471/08 (2006.01)
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 (51) Int. Cl.
 A23L 7/104 (2016.01)

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A23L 7/104 (2016.01)
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A23L 2/38 (2021.01)
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A61K 33/00 (2006.01)
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A61K 9/00 (2006.01)
A61K 31/198 (2006.01)
A61K 47/12 (2006.01)
A61K 47/32 (2006.01)
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C12N 9/42 (2006.01)
C07H 1/08 (2006.01)
C08H 8/00 (2010.01)
C12P 7/56 (2006.01)
C12P 19/02 (2006.01)
C12P 19/14 (2006.01)
C13K 13/00 (2006.01)
D21C 3/24 (2006.01)
D21C 7/00 (2006.01)
C12R 1/885 (2006.01)
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C02F 1/46 (2023.01)
C02F 1/461 (2023.01)
C25B 1/26 (2006.01)
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A61K 31/196 (2006.01)
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B23K 9/095 (2006.01)
A61F 9/06 (2006.01)
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A61B 10/02 (2006.01)
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A01H 6/20 (2018.01)
C12N 15/82 (2006.01)
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C07D 417/12 (2006.01)
A01N 43/78 (2006.01)
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 (54) ANTI-SEMA3A ANTIBODIES AND USES THEREOF
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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 9/10 (2006.01)
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A61K 31/675 (2006.01)
A61P 35/00 (2006.01)
C07F 9/6561 (2006.01)
C07F 9/6568 (2006.01)
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B29C 65/00 (2006.01)
B29C 65/08 (2006.01)
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A61K 38/43 (2006.01)
C12N 15/09 (2006.01)
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G01N 21/00 (2006.01)
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C12Q 1/6816 (2018.01)
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G01N 21/64 (2006.01)
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A61M 5/32 (2006.01)

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A47L 1/02 (2006.01)
A47L 11/24 (2006.01)
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(51) Int. Cl.
C07D 239/94 (2006.01)
A61K 31/517 (2006.01)
A61P 1/06 (2006.01)
A61P 9/10 (2006.01)
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H04M 1/72406 (2021.01)
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A61F 13/00 (2006.01)
A61B 46/00 (2016.01)
A61F 13/15 (2006.01)
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A61K 47/22 (2006.01)
A61K 9/107 (2006.01)
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C07K 14/60 (2006.01)
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C12N 15/63 (2006.01)
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A61K 35/76 (2015.01)
A61K 9/00 (2006.01)
A61K 31/427 (2006.01)
A61K 31/7036 (2006.01)
A61K 38/16 (2006.01)
A61K 45/06 (2006.01)
A61P 31/04 (2006.01)
G01N 33/00 (2006.01)
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(31) 63/167,669 (32) 30.03.21 (33) US
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(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 35/17 (2015.01)
A61P 29/00 (2006.01)
A61P 37/06 (2006.01)
C07K 14/705 (2006.01)
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A61K 31/506 (2006.01)
A01N 43/56 (2006.01)
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(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/10 (2006.01)
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
A61P 33/14 (2006.01)
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C07K 14/005 (2006.01)
G01N 33/569 (2006.01)
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G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
G07F 7/08 (2006.01)
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C09K 8/524 (2006.01)
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B60L 5/40 (2006.01)
B60L 9/00 (2019.01)
B60L 50/53 (2019.01)
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B65H 7/08 (2006.01)
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B65H 9/10 (2006.01)
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(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61B 5/1455 (2006.01)
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A61K 8/86 (2006.01)
A61K 9/00 (2006.01)
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A61N 1/05 (2006.01)
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A23L 29/00 (2016.01)
A23L 29/212 (2016.01)
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G06F 3/04842 (2022.01)
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G06F 3/041 (2006.01)
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G06F 3/0486 (2013.01)
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C12P 21/02 (2006.01)
C07K 14/195 (2006.01)
C12N 9/16 (2006.01)
C12N 15/31 (2006.01)
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A63F 13/23 (2014.01)
A63F 13/30 (2014.01)
A63F 13/35 (2014.01)
A63F 13/55 (2014.01)
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G06F 3/0484 (2022.01)
G06F 3/04883 (2022.01)
G06F 3/04886 (2022.01)
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F16K 31/06 (2006.01)
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C12P 21/02 (2006.01)
C07K 14/195 (2006.01)
C12N 9/16 (2006.01)
C12N 15/31 (2006.01)
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G06N 20/00 (2019.01)
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G06F 21/35 (2013.01)
H04W 12/065 (2021.01)
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- (54) LAND SEGMENTATION AND CLASSIFICATION
- (51) Int. Cl.
G06V 20/10 (2022.01)
G06N 3/04 (2023.01)
G06Q 50/02 (2012.01)
G06T 7/174 (2017.01)
G06V 10/44 (2022.01)
G06V 10/764 (2022.01)
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- (54) CARBON-NEGATIVE METALLURGICAL PRODUCTS
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C22C 1/00 (2023.01)
B01D 53/62 (2006.01)
C22C 38/00 (2006.01)

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 (21) 202224581 (22) 17.02.2022
 (54) CARBON-NEGATIVE METALLURGICAL PRODUCTS
 (51) Int. Cl.
 C01B 32/50 (2017.01)
 C05F 11/00 (2006.01)
 C10L 1/02 (2006.01)
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 (54) SYSTEMS, DEVICES, AND METHODS FOR MEASURING LOADS AND FORCES OF A SEATED SUBJECT USING SCALE DEVICES
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 A61B 5/0205 (2006.01)
 A61B 5/11 (2006.01)
 G01G 19/44 (2006.01)
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 (54) SYSTEMS, DEVICES, AND METHODS FOR MEASURING BODY TEMPERATURE OF A SUBJECT USING CHARACTERIZATION OF FECES AND/OR URINE
 (51) Int. Cl.
 A61B 5/01 (2006.01)
 A61B 5/00 (2006.01)
 A61B 5/145 (2006.01)
 G01K 13/20 (2002.01)
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 G01V 8/10 (2006.01)
 E21B 49/00 (2006.01)
 G01J 3/28 (2006.01)
 G01N 21/3563 (2014.01)
 G01V 99/00 (2009.01)
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 (74) Patent Attorney Services
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 (54) WEAR PART REMOVAL SYSTEM
 (51) Int. Cl.
 E02F 9/28 (2006.01)
 B25B 27/02 (2006.01)
 B25B 27/06 (2006.01)
 (87) WO2022/203942
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 (74) Patent Attorney Services
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 (54) SYSTEMS AND METHODS FOR LUBRICANT DILUTION DETECTION
 (51) Int. Cl.
 F01M 11/10 (2006.01)
 F02D 41/08 (2006.01)
 (87) WO2022/204226
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 F15B 15/14 (2006.01)
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 (51) Int. Cl.
 C12N 5/0775 (2010.01)
 A61K 35/28 (2015.01)
 C12N 5/00 (2006.01)
 C12N 5/077 (2010.01)
 (87) WO2022/208118
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 (51) Int. Cl.
 B01D 61/36 (2006.01)
 C02F 1/04 (2023.01)
 F26B 5/04 (2006.01)
 (87) WO2022/192383
 (31) 63/159,255 (32) 10.03.21 (33) US
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 (54) FUEL ADDITIVES FOR REDUCING LOW SPEED PRE-IGNITION EVENTS
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 C10M 133/08 (2006.01)
 C10L 1/14 (2006.01)
 C10L 1/223 (2006.01)
 C10M 141/06 (2006.01)
 C10L 1/188 (2006.01)
 C10L 1/22 (2006.01)
 C10N 40/25 (2006.01)
 (87) WO2022/208251
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 (51) Int. Cl.
C10G 1/10 (2006.01)
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C10G 1/08 (2006.01)
C10G 9/36 (2006.01)
C10G 11/18 (2006.01)
C10G 50/00 (2006.01)
C10G 51/04 (2006.01)
C10G 57/02 (2006.01)
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 G06F 21/55 (2013.01)
 H04L 9/40 (2022.01)
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 C07K 14/495 (2006.01)
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C12M 1/34 (2006.01)
C12Q 1/04 (2006.01)
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C07H 15/02 (2006.01)
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A23F 3/16 (2006.01)
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A23F 5/24 (2006.01)
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A47J 31/36 (2006.01)
B65D 65/46 (2006.01)
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F42D 3/04 (2006.01)
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 DESTRUCTION SYSTEM
 (51) Int. Cl.
F16J 13/04 (2006.01)
- F16J 13/06** (2006.01)
F42B 33/06 (2006.01)
F42B 39/14 (2006.01)
F42D 5/04 (2006.01)
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H01M 50/583 (2021.01)
B60L 3/04 (2006.01)
H01M 50/502 (2021.01)
H01M 50/509 (2021.01)
H01M 50/531 (2021.01)
H01M 50/574 (2021.01)
H02H 7/18 (2006.01)
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 KRENTZ, Jason; GEORGE, John Ken-
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 Steve
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 INC.
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 WITH A SLIDE OUT SHELF
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F25D 25/02 (2006.01)
F25D 23/06 (2006.01)
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 WITH PDGFR ALPHA INHIBITORS
 (51) Int. Cl.
C07K 16/00 (2006.01)
A61K 31/00 (2006.01)
A61P 35/00 (2006.01)
G01N 33/50 (2006.01)
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 AND METHOD OF MANUFACTURING
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C25C 3/12 (2006.01)
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 MICKELSON, Larry; YOCKEY, Steve
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B01J 12/00 (2006.01)
C10G 2/00 (2006.01)
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 THEREOF
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F25J 1/00 (2006.01)
C25B 1/04 (2021.01)
F25J 1/02 (2006.01)
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B01D 47/00 (2006.01)
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E21F 5/00 (2006.01)
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C07K 14/005 (2006.01)
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A61K 8/14 (2006.01)
A61K 8/60 (2006.01)
A61K 9/127 (2006.01)
A61K 39/00 (2006.01)
A61Q 19/00 (2006.01)
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(51) Int. Cl.
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A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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A61K 47/62 (2017.01)
A61K 9/00 (2006.01)
A61K 9/72 (2006.01)
A61K 47/69 (2017.01)
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(54) MAPPING NANOPARTICLES
(51) Int. Cl.
A61K 47/54 (2017.01)
A61K 9/51 (2006.01)
A61K 47/58 (2017.01)
A61K 47/60 (2017.01)
A61K 49/18 (2006.01)
A61P 35/00 (2006.01)
C01G 49/06 (2006.01)
G01N 33/543 (2006.01)
G01N 33/574 (2006.01)
G01N 33/58 (2006.01)
G01N 33/68 (2006.01)
H01F 1/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(54) MELATONIN COMPOSITION WITH METALS AND A METHOD FOR ENHANCING ENZYMATIC REACTIONS AND METABOLIC PATHWAYS IN PLANTS
(51) Int. Cl.

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C01G 51/10 (2006.01)
C12Q 1/42 (2006.01)
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 George Kochumalayil; GARUDADRI,
 Lakshmi Prasanna Kumar; SURANENI,
 Ravikumar; ANINDYA, Sil
(74) Acumen Intellectual Property

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(54) AGRICULTURAL COMPOSITION
 COMPRISING MELATONIN AND
 CARBOXYLIC COMPOUNDS FOR EN-
 HANCING ANTIOXIDANT PROPERTY
 TO INCREASE CROP YIELD
(51) Int. Cl.
A61K 31/4045 (2006.01)
A61K 9/20 (2006.01)
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 Ravikumar; ANINDYA, Sil
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(71) FIREDOS GMBH
(11) AU-A-2022258528
(21) 2022258528 **(22)** 08.04.2022
(54) ADMIXING SYSTEM FOR FIRE-EX-
 TINGUISHING UNITS AND METHOD
 FOR THE MAINTENANCE THEREOF
(51) Int. Cl.
A62C 5/02 (2006.01)
A62C 37/36 (2006.01)
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(54) MEASURING URINE PRODUCTION
 AND OTHER URINE-RELATED PARA-
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A61M 1/00 (2006.01)
A61B 5/20 (2006.01)
A61F 2/04 (2013.01)
A61F 5/44 (2006.01)
A61M 39/28 (2006.01)
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 HERMANN, Baruch Yehuda
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(54) ANTIGEN BINDING MOLECULES
 TARGETING SARS-COV-2
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C07K 16/10 (2006.01)
A61K 39/395 (2006.01)
A61P 31/14 (2006.01)
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 John
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 TIONS VI, LLC
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(54) LTR TRANSPOSON COMPOSITIONS
 AND METHODS
(51) Int. Cl.
C12N 15/10 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
C12N 15/90 (2006.01)
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 William Edward; WANG, Zi Jun;
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 BERG, Benjamin Harris
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(11) AU-A-2022221734
(21) 2022221734 **(22)** 17.02.2022
(54) APPARATUS AND METHOD FOR
 WIRELESS COMMUNICATION IN
 POWERED WATERCRAFT
(51) Int. Cl.
B63B 32/10 (2020.01)
(87) WO2022/174296
(31) 2021900437 **(32)** 19.02.21 **(33)** AU
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(72) TREWERN, David
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 WATERCRAFT
(51) Int. Cl.
B63B 32/10 (2020.01)
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 FOSTER, Glenn
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(54) ELEVATED PET WASTE COLLEC-
 TION TRAINING PAD
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A01K 1/015 (2006.01)
A01K 1/00 (2006.01)
A01K 1/01 (2006.01)
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 ECHEVERRI, Diana M.
(74) IP GATEWAY PATENT & TRADE
 MARK ATTORNEYS PTY LTD

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 INC.
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(21) 2022256048 **(22)** 07.04.2022
(54) DOPAMINERGIC PRECURSOR
 CELLS AND METHODS OF USE
(51) Int. Cl.
A61P 25/16 (2006.01)
C12N 5/0735 (2010.01)
C12N 5/0793 (2010.01)
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 63/275,691 04.11.21 US
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 ISH, Randall; CHAVEZ, Carrie;
 THOMPSON, Cayla
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(71) FUJI OIL HOLDINGS INC.
(11) AU-A-2022247927
(21) 2022247927 **(22)** 16.03.2022
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 TEIN MATERIAL AND PRODUCTION
 METHOD FOR SAME
(51) Int. Cl.
A23J 3/14 (2006.01)
A23L 13/00 (2016.01)
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(31) 2021-057016 **(32)** 30.03.21 **(33)** JP
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(54) AIR-CONDITIONING SYSTEM, RE-
 FRIGERANT AMOUNT ESTIMATION
 METHOD FOR AIR-CONDITIONING
 SYSTEM, AIR CONDITIONER, AND
 REFRIGERANT AMOUNT ESTIMA-
 TION METHOD FOR AIR CONDITION-
 ER
(51) Int. Cl.
F25B 49/02 (2006.01)
F24F 11/49 (2018.01)
F24F 11/58 (2018.01)
F24F 11/62 (2018.01)
(87) WO2022/209444

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- (71) FUJITSU GENERAL LIMITED
 (11) AU-A-2022250941
 (21) 2022250941 (22) 24.02.2022
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 (51) Int. Cl.
F24F 11/36 (2018.01)
F24F 11/38 (2018.01)
F25B 13/00 (2006.01)
F25B 49/02 (2006.01)
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 (72) SASAKI, Shinji
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- (71) FULLER BROS. INC.
 (11) AU-A-2022284981
 (21) 2022284981 (22) 02.06.2022
 (54) MONITORING OF HEAT PAD ELECTRICAL RESISTANCE IN TIRE REPAIR SYSTEM
 (51) Int. Cl.
B29C 73/34 (2006.01)
B29D 30/54 (2006.01)
B60C 23/20 (2006.01)
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 (31) 63/196,662 (32) 03.06.21 (33) US
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 (21) 2022246116 (22) 25.03.2022
 (54) DRUG DISCOVERY ASSAY TO SCREEN FOR COMPOUNDS
 (51) Int. Cl.
G01N 33/50 (2006.01)
G01N 21/17 (2006.01)
 (87) WO2022/200621
 (31) 21382254.7 (32) 26.03.21 (33) EP
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 (74) Spruson & Ferguson
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- (71) FUTAMURA CHEMICAL UK LTD
 (11) AU-A-2022245933
 (21) 2022245933 (22) 17.03.2022
 (54) DISSOLUTION METHOD
- (51) Int. Cl.
C08B 1/00 (2006.01)
C08B 9/00 (2006.01)
C08B 16/00 (2006.01)
C08L 1/02 (2006.01)
 (87) WO2022/200158
 (31) 2104273.4 (32) 26.03.21 (33) GB
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 (72) COCKROFT, Martin Richard; FISHER, Luke
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) FUTURE MEDICINE CO., LTD.; HK INNO.N CORPORATION
 (11) AU-A-2022244979
 (21) 2022244979 (22) 24.03.2022
 (54) ADENOSINE DERIVATIVE HAVING ANTAGONISTIC ACTION ON A2A AND A3 ADENOSINE RECEPTORS AND METHOD FOR PREPARING SAME
 (51) Int. Cl.
C07H 19/16 (2006.01)
A61K 31/7076 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
C07H 1/00 (2006.01)
 (87) WO2022/203427
 (31) 10-2021-0039963 (32) 26.03.21 (33) KR
 (43) 29.09.2022
 (72) LEE, Hyuk Woo; SON, Seo Hyun; KANG, Ji Yoon; JANG, Hyu Jeong; AHN, Sang Yeop; KIM, Ji Won; BYUN, Joon Seok; JI, Seung Hee; KIM, Seo Hyun; CHOI, Jong Ryoul
 (74) FB Rice Pty Ltd
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- (71) FVA GROUP PTY LTD
 (11) AU-A-202221729
 (21) 202221729 (22) 16.02.2022
 (54) A BATTEN, BATTEN ASSEMBLY, METHOD OF INSTALLING A BATTEN ASSEMBLY AND METHODS OF MANUFACTURING A BATTEN
 (51) Int. Cl.
E04F 13/08 (2006.01)
E04C 3/04 (2006.01)
E04D 12/00 (2006.01)
 (87) WO2022/174286
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A23F 5/28 (2006.01)
A23F 5/30 (2006.01)
A23F 5/32 (2006.01)
A23F 5/34 (2006.01)
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A23L 5/00 (2016.01)
A23C 9/00 (2006.01)
A23L 7/122 (2016.01)
A23L 7/126 (2016.01)
A23P 20/10 (2016.01)
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A61K 31/407 (2006.01)
A61P 29/00 (2006.01)
C07D 495/04 (2006.01)
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A61K 31/4439 (2006.01)
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A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61P 1/16 (2006.01)

A61P 3/04 (2006.01)
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C07D 401/14 (2006.01)
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F16L 23/08 (2006.01)
B21D 39/04 (2006.01)
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B65D 81/03 (2006.01)
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F03B 17/00 (2006.01)
F01D 13/02 (2006.01)
F01D 15/10 (2006.01)
F03B 17/02 (2006.01)
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 A01D 90/10 (2006.01)
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 B60P 1/38 (2006.01)
 B62D 13/02 (2006.01)
 B62D 33/027 (2006.01)
 B62D 33/033 (2006.01)
 B62D 63/06 (2006.01)
 B65G 19/10 (2006.01)
 B65G 65/42 (2006.01)
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B01J 27/186 (2006.01)
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A61P 25/00 (2006.01)
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A41D 31/00 (2019.01)
A41G 7/00 (2006.01)
A42B 1/24 (2021.01)
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B01J 20/16 (2006.01)
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C08J 3/24 (2006.01)
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 (51) Int. Cl.
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 (51) Int. Cl.
A61K 38/10 (2006.01)
A61K 38/08 (2019.01)
A61P 11/00 (2006.01)
G01N 33/50 (2006.01)
 (87) WO2022/182949
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2022248565 (22) 30.03.2022
 (54) ENZYME-TRIGGERED SELF-REACTING LINKER HAVING IMPROVED PHYSICO-CHEMICAL AND PHARMACOLOGICAL PROPERTIES
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A61K 47/54 (2017.01)
A61K 47/62 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07D 455/03 (2006.01)
C07D 471/14 (2006.01)
C07D 498/14 (2006.01)
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 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/191 (2006.01)
A61K 35/742 (2015.01)
A61K 45/06 (2006.01)
A61P 27/02 (2006.01)
C12Q 1/24 (2006.01)
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H01H 1/54 (2006.01)
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 (74) HENRY HUGHES IP LTD
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 (21) 2022240372 (22) 16.03.2022
 (54) GARMENT COMPONENT AND GARMENT COMPRISING THE SAME
 (51) Int. Cl.
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A41D 7/00 (2006.01)
A41D 31/10 (2019.01)
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G06F 17/18 (2006.01)
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B65G 17/10 (2006.01)
B65G 17/36 (2006.01)
B65G 19/04 (2006.01)
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 (31) 102021000007001 (32) 23.03.21 (33) IT
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G07C 9/00 (2020.01)
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 (54) MOORING ARRANGEMENT FOR A TENSION LEG PLATFORM
 (51) Int. Cl.
B63B 21/50 (2006.01)
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 (74) Michael Buck IP
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 (54) A SURGICAL DEVICE
 (51) Int. Cl.
A61B 17/42 (2006.01)
A61F 2/02 (2006.01)
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 (31) 2021901261 (32) 29.04.21 (33) AU
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 (74) FB Rice Pty Ltd

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G06N 3/02 (2006.01)
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(74) Golja Haines & Friend
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(21) 2022230097 **(22)** 01.03.2022
(54) PROTEOLYTIC ENZYME MIXTURE FOR TREATING PSORIASIS
(51) Int. Cl.
A61K 38/48 (2006.01)
A61K 8/66 (2006.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61P 17/00 (2006.01)
A61P 17/02 (2006.01)
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(54) INDEPENDENT MODULATION OF STIMULATION THERAPY WAVEFORMS
(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
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(54) PARAMETER SELECTION FOR ELECTRICAL STIMULATION THERAPY
(51) Int. Cl.
A61N 1/36 (2006.01)
(87) WO2022/182827
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B41J 2/175 (2006.01)
G05D 16/16 (2006.01)
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C07K 14/725 (2006.01)
C07K 14/705 (2006.01)
C07K 16/30 (2006.01)
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(54) METHODS FOR TREATING CANCER WITH ANTI-ILT3 ANTIBODIES
(51) Int. Cl.
A61P 35/00 (2006.01)
C07K 16/24 (2006.01)
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(54) EXTRACTION OF METALS FROM LITHIUM-ION BATTERY MATERIAL
(51) Int. Cl.
C22B 7/00 (2006.01)
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C22B 23/00 (2006.01)
C22B 26/12 (2006.01)
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(54) EXTRACTION OF METALS FROM LITHIUM-ION BATTERY MATERIAL
(51) Int. Cl.
C22B 7/00 (2006.01)
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(21) 2022231871 **(22)** 07.03.2022
(54) CRUSHER ROTOR
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B02C 13/18 (2006.01)
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(54) A CRUSHING EQUIPMENT AND A METHOD FOR CONTROLLING THE SAME
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B02C 2/00 (2006.01)
B02C 23/12 (2006.01)
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- (71)** MICROGRAPHIA BIO LIMITED
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(54) METHOD AND KITS FOR MULTIPLEXED FLUORESCENT MICROSCOPY
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C12Q 1/6804 (2018.01)
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 (51) Int. Cl.
G06N 10/20 (2022.01)
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2021443868 (22) 29.04.2021
 (54) SEMICONDUCTOR DEVICE AND METHODS FOR FABRICATING AND OPERATING THE DEVICE
 (51) Int. Cl.
H01L 29/12 (2006.01)
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- (71) MITSUBISHI ELECTRIC CORPORATION
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 (21) 2021446653 (22) 20.05.2021
 (54) PURCHASING ASSISTANCE DEVICE, PURCHASING ASSISTANCE METHOD, AND PROGRAM
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G06Q 30/06 (2023.01)
 (87) WO2022/244208
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 (72) TASHIRO Yusuke; SAITO Keisuke
 (74) Griffith Hack
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- (71) MITSUBISHI GAS CHEMICAL COMPANY, INC.
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 (54) METHOD FOR PRODUCING SOLID ELECTROLYTE POWDER, AND METHOD FOR PRODUCING ALL SOLID STATE BATTERY
 (51) Int. Cl.
H01M 10/0562 (2010.01)
C01G 19/00 (2006.01)
H01B 13/00 (2006.01)
H01M 10/052 (2010.01)
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- (71) MODERNATX, INC.
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 (54) BRANCHED TAIL LIPID COMPOUNDS AND COMPOSITIONS FOR INTRA-CELLULAR DELIVERY OF THERAPEUTIC AGENTS
 (51) Int. Cl.
C07C 233/36 (2006.01)
A61K 9/00 (2006.01)
C07C 233/38 (2006.01)
C07C 233/40 (2006.01)
C07C 233/58 (2006.01)
C07C 233/78 (2006.01)
C07C 235/10 (2006.01)
C07C 235/40 (2006.01)
C07C 237/22 (2006.01)
C07C 311/05 (2006.01)
C07C 311/24 (2006.01)
C07D 205/04 (2006.01)
C07D 213/74 (2006.01)
C07D 261/08 (2006.01)
C07D 271/04 (2006.01)
C07D 285/10 (2006.01)
C07D 307/24 (2006.01)
C07D 309/08 (2006.01)
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 (72) BENENATO, Kerry E.; CORNEBISE, Mark; HENNESSY, Edward; SEEPERSAUD, Mohindra; DANNEMAN, Michael W.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2022232216 (22) 09.03.2022
 (54) PROTEASE CLEAVABLE PRODRUGS
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C07K 16/42 (2006.01)
 (87) WO2022/190008
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 (54) NOVEL DARPIN BASED MULTI-SPECIFIC T-CELL ENGAGERS
 (51) Int. Cl.
A61P 35/02 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
 (87) WO2022/190016
 (31) 63/158,539 (32) 09.03.21 (33) US
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 (11) AU-A-2022263196
 (21) 2022263196 (22) 07.04.2022
 (54) A WOUND CARE PRODUCT COMPRISING AN ANTIMICROBIAL COATING
 (51) Int. Cl.
A61L 15/44 (2006.01)
A61L 15/46 (2006.01)
A61L 15/58 (2006.01)
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 (31) 21169366.8 (32) 20.04.21 (33) EP
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 (72) HANSSON, Dennis; LANÇON, Océane
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2022265996 (22) 21.04.2022
 (54) A MEDICAL DRESSING COMPRISING A BACTERIOSTATIC COMPOSITION
 (51) Int. Cl.
A61L 15/44 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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- (71) MOSKYP S.R.L.
 (11) AU-A-2022234042
 (21) 2022234042 (22) 09.03.2022
 (54) DISPENSER OF PARASITICIDAL SUBSTANCES
 (51) Int. Cl.
A01M 1/20 (2006.01)
 (87) WO2022/190152
 (31) 102021000005414 (32) 09.03.21 (33) IT
 (43) 15.09.2022
 (72) BISACCIONI, Andrea
 (74) FB Rice Pty Ltd
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- (71) MULTILIFT, INC.
 (11) AU-A-2022242892
 (21) 2022242892 (22) 24.03.2022
 (54) METHOD AND SYSTEM FOR CONVEYING ARTICLES AND AN APPARATUS FOR DOING THE SAME
 (51) Int. Cl.
B65G 15/44 (2006.01)
B65G 15/58 (2006.01)
B65G 41/00 (2006.01)
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 (72) MALDONADO JR., Job; DROST, Kenneth B.; BACON-MALDONADO III, Job
 (74) Caska Intellectual Property Pty Ltd
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- (71) MUMMING
 (11) AU-A-2022254208
 (21) 2022254208 (22) 06.04.2022
 (54) SYSTEM FOR PREPARING THE GENITAL TRACT OF A WOMAN PRIOR TO CHILDBIRTH

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A61M 29/02 (2006.01)
A61B 5/00 (2006.01)
A61B 5/107 (2006.01)
A61M 25/10 (2013.01)
A63B 21/008 (2006.01)
A63B 23/20 (2006.01)
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(31) FR2103560 (32) 07.04.21 (33) FR
(43) 13.10.2022
(72) ZUBER, Thomas; MELLERIO, Gonzague
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) NACUITY PHARMACEUTICALS, INC.
(11) AU-A-2022244259
(21) 2022244259 (22) 23.03.2022
(54) TREATMENT OF FERROPTOSIS
(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 31/145 (2006.01)
A61K 31/198 (2006.01)
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(72) WALL, G., Michael; BUSH, Ashley; MCCOLL, Gawain; JENKINS, Nicole
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) NATIONAL INSTITUTES FOR QUANTUM SCIENCE AND TECHNOLOGY
(11) AU-A-2022234161
(21) 2022234161 (22) 10.03.2022
(54) METHOD FOR PRODUCING INORGANIC SOLUTION, AND APPARATUS FOR PRODUCING INORGANIC SOLUTION
(51) Int. Cl.
C01F 3/00 (2006.01)
C01D 15/02 (2006.01)
C01D 15/08 (2006.01)
C22B 3/06 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
C22B 35/00 (2006.01)
- (87) WO2022/191290
(31) 2021-038661 (32) 10.03.21 (33) JP
(43) 15.09.2022
(72) NAKAMICHI, Masaru; NAKANO, Suguru; KIM, Jaehwan; HWANG, Taehyun
(74) IP SOLVED (ANZ) PTY. LTD.
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- (71) NATREON, INC.
(11) AU-A-2022232497
(21) 2022232497 (22) 09.03.2022
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B05B 3/00 (2006.01)
G05B 15/02 (2006.01)
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A24D 3/06 (2006.01)
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G16B 20/00 (2019.01)
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A61P 35/00 (2006.01)
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C09D 5/10 (2006.01)
C09D 7/61 (2018.01)
C08K 3/22 (2006.01)
C08K 3/30 (2006.01)
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B30B 1/16 (2006.01)
B30B 15/30 (2006.01)
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B31B 50/59 (2017.01)
B31F 1/00 (2006.01)
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A61K 38/37 (2006.01)
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A61B 18/14 (2006.01)
A61N 1/40 (2006.01)
A61N 1/04 (2006.01)
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A01K 11/00 (2006.01)
A01K 29/00 (2006.01)
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B29C 70/02 (2006.01)
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B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
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G06F 30/20 (2020.01)
A61M 5/20 (2006.01)
G01N 3/00 (2006.01)
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C01D 15/00 (2006.01)
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C22B 26/12 (2006.01)
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B62B 3/00 (2006.01)
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B65G 47/29 (2006.01)
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A61K 31/4164 (2006.01)
A61K 31/4178 (2006.01)
A61K 31/496 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61K 38/00 (2006.01)
A61P 29/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 409/12 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/4439 (2006.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
A61P 9/10 (2006.01)
A61P 11/06 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
A61P 19/06 (2006.01)
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H01L 31/0224 (2006.01)
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A61P 37/02 (2006.01)
A61P 37/04 (2006.01)
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C02F 1/04 (2023.01)
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C02F 1/461 (2023.01)
C25B 9/67 (2021.01)
C25B 15/08 (2006.01)
F03D 9/19 (2016.01)
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F03D 9/25 (2016.01)
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F16B 13/14 (2006.01)
E04B 1/26 (2006.01)
E04C 3/00 (2006.01)
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F16B 11/00 (2006.01)
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F41G 1/00 (2006.01)
F41G 3/06 (2006.01)
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C25B 1/00 (2021.01)
C25B 1/16 (2006.01)
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B01D 53/62 (2006.01)
B01D 53/75 (2006.01)
B01D 53/84 (2006.01)
C12M 1/00 (2006.01)
C12M 1/107 (2006.01)
C12N 1/00 (2006.01)
C12N 9/00 (2006.01)
C12P 1/00 (2006.01)
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A23J 3/26 (2006.01)
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A23L 15/00 (2016.01)
A23J 1/00 (2006.01)
A23J 3/20 (2006.01)
A23L 33/195 (2016.01)
C12N 1/20 (2006.01)
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A61K 31/712 (2006.01)
C07H 19/10 (2006.01)
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A61F 5/56 (2006.01)
F04D 19/00 (2006.01)
F04D 23/00 (2006.01)
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C07D 213/72 (2006.01)
A61K 31/435 (2006.01)
A61K 31/44 (2006.01)
A61P 9/04 (2006.01)
A61P 9/10 (2006.01)
C07D 213/00 (2006.01)
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H02M 1/42 (2007.01)
H02M 3/335 (2006.01)
H05B 45/30 (2020.01)
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A61K 31/416 (2006.01)

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B65D 5/24 (2006.01)
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A61B 17/072 (2006.01)
A61B 17/00 (2006.01)
A61B 17/064 (2006.01)
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A01N 25/02 (2006.01)
A01N 33/12 (2006.01)
A61L 2/18 (2006.01)
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G06N 20/00 (2019.01)
G01N 33/00 (2006.01)
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H02M 7/00 (2006.01)
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 AMIDE COMPOUND, PREPARA-
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(51) Int. Cl.
C07D 207/325 (2006.01)
A61K 31/40 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
A61P 9/10 (2006.01)
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A23L 33/175 (2016.01)
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C07D 265/30 (2006.01)
A61K 31/5375 (2006.01)
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A61P 25/00 (2006.01)
C07D 413/12 (2006.01)
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B63B 43/18 (2006.01)
F03B 13/26 (2006.01)
B63B 35/44 (2006.01)
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C07K 16/28 (2006.01)
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VITAE PHARMACEUTICALS, LLC
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C07D 471/10 (2006.01)
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A01H 1/02 (2006.01)
A01H 1/04 (2006.01)
C07K 14/415 (2006.01)
C12N 15/82 (2006.01)
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 A61B 8/00 (2006.01)
 G01N 21/00 (2006.01)
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E06B 9/44 (2006.01)
E06B 9/52 (2006.01)
E06B 9/56 (2006.01)
E06B 9/58 (2006.01)
E06B 9/62 (2006.01)
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 A63F 13/26 (2014.01)
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A61P 25/18 (2006.01)
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C08J 5/18 (2006.01)
C08J 7/044 (2020.01)
C08J 9/42 (2006.01)
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A23K 50/30 (2016.01)
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A23K 50/80 (2016.01)
A23L 19/00 (2016.01)
A23L 29/00 (2016.01)
A23L 33/16 (2016.01)
A23L 33/165 (2016.01)
A23L 33/17 (2016.01)
A61K 9/00 (2006.01)
A61K 33/30 (2006.01)
C05D 9/02 (2006.01)
C05F 9/04 (2006.01)
C05F 17/10 (2020.01)
C05G 1/00 (2006.01)
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A61B 5/251 (2021.01)
A61B 5/288 (2021.01)
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G01N 27/327 (2006.01)
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A61F 2/07 (2013.01)
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B01D 46/00 (2022.01)
A61M 1/00 (2006.01)
B01D 46/12 (2022.01)
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A47C 7/38 (2006.01)
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G06T 7/00 (2017.01)
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G06T 7/10 (2017.01)
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C07D 401/14 (2006.01)
A61K 31/444 (2006.01)
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A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
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A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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A61P 43/00 (2006.01)
C07D 213/69 (2006.01)
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(72) TRZOSS, Lynnne; DONG, Qing; KALDOR, Stephen W.; HOFFMAN, Robert L.
(74) FPA Patent Attorneys Pty Ltd
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- (71)** XINTHERA, INC.
(11) AU-A-2022260495
(21) 2022260495 **(22)** 19.04.2022
(54) PARP1 INHIBITORS AND USES THEREOF
(51) Int. Cl.
C07D 471/04 (2006.01)
A61P 35/00 (2006.01)
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C07D 487/04 (2006.01)
C07D 491/048 (2006.01)
C07D 491/052 (2006.01)
C07D 491/14 (2006.01)
C07D 491/147 (2006.01)
C07D 498/08 (2006.01)
(87) WO2022/225934
(31) 63/176,610 **(32)** 19.04.21 **(33)** US
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(43) 27.10.2022
(72) TRZOSS, Lynnne; DONG, Qing; KALDOR, Stephen W.; HOFFMAN, Robert L.; VA, Porino Jinjo; PINCHMAN, Joseph Robert
(74) FPA Patent Attorneys Pty Ltd
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- (71)** XYLONIX PTE. LTD
(11) AU-A-2022238686
(21) 2022238686 **(22)** 16.03.2022
(54) PHARMACEUTICAL POLYMER CONJUGATES
(51) Int. Cl.
A61K 47/62 (2017.01)
A61K 47/54 (2017.01)
A61P 35/00 (2006.01)
(87) WO2022/197246
(31) 10202102785S **(32)** 18.03.21 **(33)** SG
(43) 22.09.2022
(72) CHUNG, Jinhyuk Fred
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** XYZAGEN, INC.
(11) AU-A-2022239618
(21) 2022239618 **(22)** 20.03.2022
(54) PRODRUGS OF KV7 CHANNEL OPENERS

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C07C 271/28 (2006.01)
A61K 31/216 (2006.01)
A61K 31/44 (2006.01)
A61P 21/00 (2006.01)
A61P 25/08 (2006.01)
A61P 29/00 (2006.01)
C07D 213/74 (2006.01)
- (87) WO2022/198116
(31) 63/163,470 (32) 19.03.21 (33) US
(43) 22.09.2022
(72) CREAN, Christopher S.; BROWN, Edward G.
(74) Spruson & Ferguson
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- (71) YAZAKI ENERGY SYSTEM CORPORATION
(11) AU-A-2022265118
(21) 2022265118 (22) 25.03.2022
(54) AIR-CONDITIONING PANEL
- (51) Int. Cl.
F25B 37/00 (2006.01)
F25B 27/00 (2006.01)
- (87) WO2022/230515
(31) 2021-076053 (32) 28.04.21 (33) JP
(43) 03.11.2022
(72) NAKAMURA Takuju
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- (71) YEAP LTD
(11) AU-A-2022223816
(21) 2022223816 (22) 22.02.2022
(54) MICROORGANISM-DERIVED MATERIAL AND METHODS FOR PRODUCING SAME
- (51) Int. Cl.
A23L 31/15 (2016.01)
A23J 3/20 (2006.01)
A23L 33/145 (2016.01)
C12N 1/06 (2006.01)
C12N 1/12 (2006.01)
C12N 1/14 (2006.01)
C12N 1/20 (2006.01)
- (87) WO2022/175961
(31) 63/152,142 (32) 22.02.21 (33) US
(43) 25.08.2022
(72) TOUBIA, Didier; GRABINSKI, Dominik; KLES, Keren; GOSHEN, Yonatan
(74) Collison & Co
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- (71) YUHAN CORPORATION; GREEN CROSS CORPORATION
(11) AU-A-2022272851
(21) 2022272851 (22) 10.05.2022
(54) NOVEL COMPOUNDS HAVING INHIBITORY ACTIVITY AGAINST GLUCOSYLCERAMIDE SYNTHASE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, PROCESSES FOR PREPARING THE SAME, AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME
- (51) Int. Cl.
C07D 453/02 (2006.01)
A61K 31/439 (2006.01)
A61P 3/00 (2006.01)
A61P 25/16 (2006.01)
A61P 43/00 (2006.01)
- (87) WO2022/240116
- (31) 10-2021-0060942 (32) 11.05.21 (33) KR
(43) 17.11.2022
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(74) Spruson & Ferguson
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- (71) ZAZZLE INC.
(11) AU-A-2022266557
(21) 2022266557 (22) 14.03.2022
(54) GENERATING CUSTOMIZED PRODUCTS IN COLLABORATION WITH LIVE DESIGNERS AND AGENTS
- (51) Int. Cl.
G06Q 10/10 (2023.01)
- (87) WO2022/231705
(31) 17/240,074 (32) 26.04.21 (33) US
(43) 03.11.2022
(72) BEAVER III, Robert I.; BEAVER, Jeffrey J.; NARVASA, Sean; HARVILL, Leslie Young; IVANOV, Petar S.; BOSSIER, Parker H.; COLLETTE, Christopher
(74) ET Intellectual Property
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- (71) ZEBRA TECHNOLOGIES CORPORATION
(11) AU-A-2022249098
(21) 2022249098 (22) 18.01.2022
(54) COMPACT DUAL-LED ILLUMINATION SYSTEM
- (51) Int. Cl.
H01L 27/15 (2006.01)
F21V 5/00 (2018.01)
G02F 1/1335 (2006.01)
- (87) WO2022/211876
(31) 17/215,086 (32) 29.03.21 (33) US
(43) 06.10.2022
(72) GUREVICH, Vladimir; TU, Qing
(74) Spruson & Ferguson
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- (71) ZHANG, X.; ACCRO BIOSCIENCE (HK) LIMITED
(11) AU-A-2022233180
(21) 2022233180 (22) 12.03.2022
(54) HETEROARYL COMPOUNDS AS INHIBITORS OF RIP2 KINASE, COMPOSITION AND APPLICATION THEREOF
- (51) Int. Cl.
A61K 31/4706 (2006.01)
A61K 31/66 (2006.01)
A61K 31/675 (2006.01)
C07F 9/553 (2006.01)
C07F 9/576 (2006.01)
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- (87) WO2022/192760
(31) 202110272207.4 (32) 12.03.21 (33) CN
202111460309.5 02.12.21 CN
(43) 15.09.2022
(72) ZHANG, Xiaohu; HE, Sudan
(74) Davies Collison Cave Pty Ltd
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- (71) ZOETIS SERVICES LLC
(11) AU-A-2022257033
(21) 2022257033 (22) 15.04.2022
(54) PSEUDORABIES VIRUS VACCINE

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2021441266	METSO FINLAND OY	2022228420	DECIDUOUS THERAPEUTICS, INC.
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2022222333	OCADO INNOVATION LIMITED	2022231929	DELICA AG
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2022222831	FLITEBOARD PTY LTD	2022232290	ESCO GROUP LLC
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2022232603	SHATTUCK LABS, INC.	2022238533	DEKA PRODUCTS LIMITED PARTNERSHIP
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2022246073	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA	2022252191	BECTON, DICKINSON AND COMPANY
2022246086	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA	2022252242	XINTHERA, INC.
2022246116	FUNDACIÓ INSTITUT DE RECERCA BIOMÈDICA (IRB BARCELONA); INSTITUCIÓ CATALANA DE RE- CERCA I ESTUDIS AVANÇATS	2022252310	ALBEMARLE CORPORATION
2022246152	BASF PLANT SCIENCE COMPANY GMBH	2022252372	NIPPON PAINT SURF CHEMICALS CO., LTD.
2022246156	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2022252873	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2022246176	BEAM THERAPEUTICS INC.	2022252903	LANXESS DEUTSCHLAND GMBH
2022246177	GOODRICH, D.P.	2022252941	SANDVIK LTD
2022246210	THE SECRETARY OF STATE FOR DEFENCE	2022252990	LONE GULL HOLDINGS, LTD.
2022246267	SMART SHOOTER LTD.	2022253231	HUDSON INSTITUTE OF MEDICAL RESEARCH
2022246294	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2022253271	TEKION CORP
2022246567	DUG TECHNOLOGY (AUSTRALIA) PTY LTD.	2022253547	BIOSEPTRE (AUST) PTY LTD
2022246681	SIMPSON STRONG-TIE COMPANY, INC.	2022253869	TOLREMO THERAPEUTICS AG
2022246786	ALNYLAM PHARMACEUTICALS, INC.	2022254006	ARJO IP HOLDING AKTIEBOLAG
2022246797	6K INC.	2022254037	AB MAURI; VIB VZW; KATHOLIEKE UNIVERSITEIT LEUVEN
2022246865	ALBEMARLE CORPORATION	2022254208	MUMMING
2022246880	THE JOHNS HOPKINS UNIVERSITY	2022254211	ICL TECH LIMITED
2022246948	IMMUNOME, INC.	2022254655	STOICHEIA, INC.
2022247001	PANTAPHARM AG	2022254666	DEBUT BIOTECHNOLOGY, INC.
2022247196	IPSEN BIOPHARM LIMITED	2022254705	ARROWHEAD PHARMACEUTICALS, INC.
2022247243	KAINOS MEDICINE, INC.	2022254772	GOOGLE LLC
2022247288	CELLFACTORY KFT.	2022254865	RUBNER, A.
2022247325	BIOMX LTD.	2022254928	ARJO IP HOLDING AKTIEBOLAG
2022247419	BIOLOGICAL E LIMITED	2022255101	DAIICHI KASEI CHEMICAL COMPANY, INC.
2022247468	PIXELGEN TECHNOLOGIES AB	2022255312	COLGATE-PALMOLIVE COMPANY
		2022255315	RPRD DIAGNOSTICS, LLC
		2022255363	MARINE POWER SYSTEMS LIMITED
		2022255476	HANSEN ENERGY SOLUTIONS LLC
		2022255514	BRAINPOP IP LLC
		2022255517	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA

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2022255899	SIEMENS GAMESA RENEWABLE ENERGY A/S	2022267780	SOLAR FOODS OY
2022255908	INNATE PHARMA	2022267813	SOLAR FOODS OY
2022256014	ELECTROLUX HOME PRODUCTS, INC.	2022268081	SAMSUNG ELECTRONICS CO., LTD.
2022256048	FUJIFILM CELLULAR DYNAMICS, INC.	2022268209	MICROSOFT TECHNOLOGY LICENSING, LLC
2022256304	ARRIS ENTERPRISES LLC	2022268257	AMGEN INC.
2022256433	GILEAD SCIENCES, INC.	2022268652	GENMAB A/S
2022256501	CAPITAL ONE SERVICES, LLC	2022269592	BECKMAN COULTER, INC.
2022256670	MEMJET TECHNOLOGY LIMITED	2022270101	VIOLA BIO, INC.
2022256727	W.L. GORE & ASSOCIATES GMBH	2022270216	FOUR PAWS PRODUCTS, LTD.
2022257033	ZOETIS SERVICES LLC	2022270278	STACKPACK B.V.
2022257039	GILEAD SCIENCES, INC.	2022270498	CHUGAI SEIYAKU KABUSHIKI KAISHA
2022257616	CSIDENTITY CORPORATION	2022270614	ASAHI KASEI BIOPROCESS AMERICA, INC.
2022257627	BHAMI'S RESEARCH LABORATORY, PVT. LTD.	2022270768	PROFESSIONAL 6 PTY LTD
2022258004	W. L. GORE & ASSOCIATES, INC.	2022271784	CASANA CARE, INC.
2022258298	SOMALOGIC OPERATING CO., INC.	2022272475	NOVALUM S.A.; TOKAI COBEX GMBH
2022258316	CHEVRON PHILLIPS CHEMICAL COMPANY LP	2022272851	YUHAN CORPORATION; GREEN CROSS CORPORA- TION
2022258411	DYNASAFE DEMIL SYSTEMS AB	2022273024	ALBEMARLE CORPORATION
2022258442	CORTEVA AGRISCIENCE LLC	2022274325	SYNDAX PHARMACEUTICALS, INC.; VITAE PHAR- MACEUTICALS, LLC
2022258520	BAYER OY	2022275579	FERRONOVA PTY LTD; PURDUE RESEARCH FOUNDATION
2022258528	FIREDOS GMBH	2022275847	CASANA CARE, INC.
2022258535	PULPAC AB	2022276650	ACIES MEDICAL LLC
2022258751	BAYER AKTIENGESELLSCHAFT	2022279597	DEEPMIND TECHNOLOGIES LIMITED
2022258933	FIZE MEDICAL LTD.	2022280939	AMGEN INC.
2022259460	PULPAC AB	2022282252	TASLY PHARMACEUTICAL GROUP CO., LTD.
2022259467	SYDDANSK UNIVERSITET	2022284981	FULLER BROS. INC.
2022259508	PULSE BIOSCIENCES, INC.	2022285318	VITALTRACE PTY LTD
2022259511	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA	2022288683	PRECISION PLANTING LLC
2022259688	TENEOBIO, INC.	2022289684	F. HOFFMANN-LA ROCHE AG
2022260439	IFP ENERGIES NOUVELLES	2022291322	SHANGRAO JINKO SOLAR TECHNOLOGY DEVEL- OPMENT CO., LTD.
2022260495	XINTHERA, INC.	2022295310	KOMATSU LTD.
2022260701	CONVATEC LIMITED	2022296025	PRECISION PLANTING LLC
2022260752	CJ CHEILJEDANG CORPORATION	2022299892	BYD COMPANY LIMITED
2022261124	DANA-FARBER CANCER INSTITUTE, INC.	2022319370	LAND BUSINESS CO.,LTD.
2022261270	TECHTRONIC CORDLESS GP	2022329245	Sahajanand Medical Technologies Limited
2022261385	T.J.SMITH AND NEPHEW, LIMITED	2022334748	DETNET SOUTH AFRICA (PTY) LTD
2022261467	CONVATEC LIMITED	2022335876	China University of Mining and Technology; Xuzhou Kerui Mining Technology Co., Ltd.
2022261580	KEWPIE CORPORATION	2022337213	UBLOCKOUT TECHNOLOGIES PTY LTD
2022261841	OHIO STATE INNOVATION FOUNDATION; NAN- OFIBER SOLUTIONS, LLC	2022349296	WUHAN OPTICS VALLEY ZOYON SCIENCE AND TECHNOLOGY CO., LTD.
2022261863	AXINE WATER TECHNOLOGIES INC.	2022361892	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU LIREN MONORAIL TRANSPORTATION EQUIPMENT CO., LTD.
2022261908	CUE BIOPHARMA, INC.	2022361938	ADELAIDE BRIGHTON CEMENT LIMITED
2022261910	CUE BIOPHARMA, INC.	2022383820	SINO-TELECOM TECHNOLOGY CO., INC
2022262170	IMPLANT PROTESIS DENTAL 2004 S.L.	2022410483	ROBJULZ PTY. LTD.
2022262263	MARICAP OY	2022410485	SCHROEFL, C.
2022262283	CONVATEC LIMITED	2022430006	3R LIFE SCIENCES CORPORATION
2022262600	SEAGEN INC.	2022430007	3R LIFE SCIENCES CORPORATION
2022262695	IP2IPO INNOVATIONS LTD	2022432101	JIANGSU HUAYUAN WATER-SAVING CO., LTD
2022262774	ID-FISH TECHNOLOGY, INC.	2022435738	TENCENT AMERICA LLC
2022263140	UNI-TROLL EUROPE APS	2022438470	JIANGSU HUAYUAN WATER-SAVING CO., LTD
2022263196	MÖLNLYCKE HEALTH CARE AB	2022445032	BEIJING HUTT WISDOM TECHNOLOGY CO., LTD.
2022263410	GILEAD SCIENCES, INC.	2023204030	CAE INC.
2022264580	THE CHILDREN'S HOSPITAL OF PHILADELPHIA	2023223109	LAMPRELL, D.
2022264761	PAIGE.AI, INC.		
2022264854	MARSAL INNOVATION PTY LTD		
2022264947	SOLAR FOODS OY		
2022265118	YAZAKI ENERGY SYSTEM CORPORATION		
2022265504	KOMPAN A/S		
2022265996	MÖLNLYCKE HEALTH CARE AB		
2022266084	ENGIE		
2022266191	SOLAR FOODS OY		
2022266557	ZAZZLE INC.		
2022267110	SUNTORY HOLDINGS LIMITED		
2022267219	MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RE- SEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; MILLENNIUM PHARMACEUTIC- ALS, INC.		
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2022251786	<u>B01D 65 /-</u>	2022237506	2022246797	<u>B33Y 50 /-</u>	2022254211
2022252242	2022270614	<u>B05B 3 /-</u>	2022267310	2022267310	<u>B61C 13 /-</u>
<u>A61Q 11 /-</u>	<u>B01D 69 /-</u>	2022238292	<u>B29C 65 /-</u>	2022267310	2022361892
2022255312	2021436674	<u>B07B 1 /-</u>	<u>B29C 70 /-</u>	2021436961	<u>B61C 17 /-</u>
<u>A61Q 19 /-</u>	<u>B01D 71 /-</u>	2022250084	2022267310	2022256670	2022361892
2022232410		<u>B21D 39 /-</u>	<u>B29C 73 /-</u>	<u>B41M 5 /-</u>	<u>B61C 7 /-</u>
2022239844	<u>B01D 71 /-</u>	2022241828	2022284981	2021436961	2022361892
<u>A62B 35 /-</u>	<u>B01F 25 /-</u>	<u>B22F 1 /-</u>	<u>B29D 30 /-</u>	2022256670	<u>B62B 3 /-</u>
2022222333	2022252903	2022252181	2022284981	<u>B41J 2 /-</u>	<u>B62B 3 /-</u>
<u>A62C 37 /-</u>	<u>B01F 35 /-</u>	<u>B22F 3 /-</u>	2022284981	2021436961	2022361892
2022258528	2022252903	<u>B29L 31 /-</u>	<u>B29D 30 /-</u>	<u>B60B 33 /-</u>	<u>B62B 3 /-</u>
<u>A62C 5 /-</u>	<u>B01J 12 /-</u>	2022246797	2022284981	2022254006	2022232574
2022258528	2022223371	<u>B22F 9 /-</u>	2022258520	<u>B60B 9 /-</u>	2022263140
<u>A63B 21 /-</u>	<u>B01J 20 /-</u>	<u>B23K 20 /-</u>	<u>B30B 1 /-</u>	2022240475	<u>B62D 13 /-</u>
2022254208	2022250500	2022246294	2022258535	<u>B60C 23 /-</u>	2021429088
2022265504	<u>B01J 21 /-</u>	<u>B23K 9 /-</u>	2022259460	2022221738	<u>B62D 33 /-</u>
<u>A63B 23 /-</u>	2022260439	2022244314	<u>B30B 11 /-</u>	2022284981	2021429088
2022254208	<u>B01J 23 /-</u>	<u>B23P 19 /-</u>	2022258535	<u>B60D 1 /-</u>	<u>B62D 63 /-</u>
<u>A63B 24 /-</u>	<u>B01J 27 /-</u>	2022259460	<u>B30B 15 /-</u>	2021429087	<u>B62D 63 /-</u>
2022240124	2022260439	2022244155	2022258535	2021429088	2021429088
2022410485	<u>B01J 35 /-</u>	<u>B25B 27 /-</u>	2022259460	<u>B60L 3 /-</u>	<u>B63B 1 /-</u>
<u>A63B 69 /-</u>	<u>B01L 3 /-</u>	2022236771	<u>B31F 1 /-</u>	2022222672	2022255363
2022410485	<u>B01L 3 /-</u>	<u>B25D 9 /-</u>	2022259460	<u>B60L 5 /-</u>	<u>B63B 21 /-</u>
<u>A63B 71 /-</u>				2021433027	2022255363
2022410485				<u>B60L 50 /-</u>	<u>B63B 32 /-</u>
<u>A63F 13 /-</u>				2021433027	202221734
2022234766				2021438215	202222831
2022236362					

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<u>B63B 35 /-</u>	<u>B65G 41 /-</u>	<u>C04B 103 /-</u>	<u>C07D 213 /-</u>	<u>C07D 413 /-</u>	<u>C07H 15 /-</u>
2022227972	2022242892	2022361938	2022227712	2022238441	2022228420
<u>B63B 43 /-</u>	<u>B65G 47 /-</u>	<u>C04B 22 /-</u>	2022239618	2022238476	2022248565
2022227972	2022232574	2022361938	2022245247	2022253869	<u>C07H 19 /-</u>
<u>B64B 1 /-</u>	<u>B65G 49 /-</u>	<u>C04B 28 /-</u>	2022252242	2022263410	2022244979
2022227695	2022232574	2022361938	<u>C07D 239 /-</u>	<u>C07D 417 /-</u>	2022258298
<u>B64D 1 /-</u>	<u>B65G 65 /-</u>	<u>C04B 7 /-</u>	2022230103	2022242039	<u>C07H 21 /-</u>
2022227695	2021429088	2022361938	2022235956	2022252242	2022238492
<u>B64D 17 /-</u>	<u>B65H 19 /-</u>	<u>C05D 9 /-</u>	<u>C07D 261 /-</u>	2022253869	2022258298
2022227695	2021442156	2021436233	2022245247	<u>C07D 453 /-</u>	<u>C07J 1 /-</u>
<u>B65B 11 /-</u>	<u>B65H 7 /-</u>	<u>C05F 11 /-</u>	<u>C07D 265 /-</u>	2022272851	2022246058
2022246177	2022232991	202224581	2022238441	<u>C07D 455 /-</u>	<u>C07K 1 /-</u>
<u>B65B 9 /-</u>	<u>B65H 9 /-</u>	<u>C05F 17 /-</u>	<u>C07D 271 /-</u>	2022248565	2022227164
2021442156	2022232991	2021436233	2022245247	<u>C07D 471 /-</u>	2022251159
<u>B65D 5 /-</u>	<u>B66C 1 /-</u>	<u>C05F 9 /-</u>	<u>C07D 285 /-</u>	2022238476	<u>C07K 14 /-</u>
2022270278	2022232574	2021436233	2022245247	2022248565	2019377989
<u>B65D 51 /-</u>	<u>C01B 32 /-</u>	<u>C05G 1 /-</u>	<u>C07D 307 /-</u>	2022250102	2022223712
2022260701	2022224581	2021436233	2022245247	2022253869	2022226004
<u>B65D 65 /-</u>	<u>C01B 33 /-</u>	<u>C07C 233 /-</u>	<u>C07D 309 /-</u>	2022260495	2022229417
2022231929	2022250084	2022238294	2022245247	2022263410	2022229900
2022240642	<u>C01D 15 /-</u>	2022245247	<u>C07D 317 /-</u>	2022274325	2022232603
<u>B65D 71 /-</u>	2021435640	<u>C07C 235 /-</u>	<u>C07D 333 /-</u>	<u>C07D 487 /-</u>	2022234416
2022237511	2022234161	2022245247	2022227066	2022238476	2022235284
<u>B65D 77 /-</u>	<u>C01F 3 /-</u>	<u>C07C 237 /-</u>	<u>C07D 401 /-</u>	2022260495	2022237504
2022240642	2022234161	2022245247	2022235956	2022263410	2022239561
<u>B65D 81 /-</u>	<u>C01F 7 /-</u>	<u>C07C 271 /-</u>	2022238476	2022274325	2022244245
2022246177	2022230558	2022239618	2022239519	<u>C07D 491 /-</u>	2022245141
<u>B65D 85 /-</u>	<u>C01G 19 /-</u>	<u>C07C 311 /-</u>	2022252242	2022246058	2022246086
2022231929	2022255101	2022245247	2022253869	2022263410	2022246880
<u>B65G 1 /-</u>	<u>C01G 49 /-</u>	<u>C07C 59 /-</u>	<u>C07D 403 /-</u>	<u>C07D 493 /-</u>	2022247001
2022222333	2022275579	2022240123	2022242818	2022263410	2022247419
<u>B65G 15 /-</u>	<u>C01G 51 /-</u>	<u>C07C 69 /-</u>	<u>C07D 405 /-</u>	<u>C07D 495 /-</u>	2022249024
2022242892	2022242965	2022273024	2022238476	2022240640	2022251159
<u>B65G 17 /-</u>	<u>C02F 1 /-</u>	<u>C07D 205 /-</u>	2022253869	2022257039	2022253547
2022242944	2022234954	2022245247	2022263410	<u>C07D 497 /-</u>	2022260752
<u>B65G 19 /-</u>	2022250534	<u>C07D 207 /-</u>	<u>C07D 407 /-</u>	<u>C07D 499 /-</u>	2022261908
2021429088	2022261863	2022248168	2022252242	2022238476	2022261910
2022242944	<u>C02F 9 /-</u>	<u>C07D 209 /-</u>	2022253869	2022260495	2022267219
	2021435640	2022268257	2022263410	2022246058	<u>C07K 16 /-</u>
				2022257039	2021332340
				<u>C07F 9 /-</u>	2022217072
				2022233180	2022221884
				2022258751	2022224508
				<u>C07H 1 /-</u>	2022227018
					2022229993
					2022232216
					2022234894
					2022235284
					2022236877
					2022237561
					2022239502
					2022240549
					2022241364
					2022242927
					2022243870
					2022244103
					2022244245
					2022245388
					2022246021
					2022246086

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2022246948		C10M 133 /-	2022253231	C12R 1 /-	C25B 15 /-
2022250712	C08K 3 /-		2022254705		
2022251786		2022249975	2022255315	2022238911	2022250534
2022255908	2021430772		2022255517		
2022256433	2022230913	C10M 141 /-	2022257033	C13K 13 /-	C25B 9 /-
2022259467			2022259511		
2022259688	C08K 5 /-	2022249975	2022260752	2022238911	2022250534
2022262600			2022261124		
2022262695	2022230913	C10N 40 /-		C22B 1 /-	C25C 3 /-
2022267219			C12N 5 /-	2022250084	2022243075
2022268652	C08L 1 /-	2022249975			2022272475
			2022227018	C22B 15 /-	
C07K 19 /-	2022245933	C11D 1 /-	2022234416		D01F 1 /-
	C09B 69 /-	2022226326	2022247288	2021441266	
2022229900			2022255517		2022248443
2022237504	2022269592	C11D 11 /-	2022255867	C22B 23 /-	
2022240105			2022256048		D01F 6 /-
2022244245	C09D 11 /-	2022224377	2022267777	2021441001	
2022246086		2022226326			2022248443
2022267219	2021436961		C12N 7 /-	C22B 26 /-	
		C11D 17 /-			D04H 3 /-
C07K 7 /-	C09D 5 /-	2022224377	2022257033	2021441001	
				2021441266	2022248443
2022231043	2021430772	C11D 3 /-	C12N 9 /-	2022234161	
2022242835				2022250084	D06F 34 /-
2022251159	C09D 7 /-	2022224377	2022229417		
		2022226326	2022237386	C22B 3 /-	2022225877
C08B 1 /-	2021430772		2022238911		2022226822
		C12G 1 /-	2022254666	2021441001	
2022245933	C09K 8 /-		2022255315	2021441266	D06F 37 /-
		2021440527	2022259511	2022234161	
C08B 16 /-	2022236754		2022266191		2022224922
		C12H 1 /-		C22B 35 /-	2022225883
2022245933	C10G 1 /-	2022224377	C12P 1 /-		
				2022234161	D06F 39 /-
C08B 9 /-	2022258316	2022252903	2022266191		
				C22B 7 /-	2022225877
2022245933	C10G 11 /-	C12M 1 /-			
			C12P 13 /-	2021441001	D06F 58 /-
C08C 19 /-	2022258316	2022244737	2022236728	2021441266	
		2022266191	2022260752	2022234161	2022224922
2022230913	C10G 2 /-				2022225883
		C12N 1 /-	C12P 19 /-	C22C 1 /-	2022237195
C08F 136 /-	2022223371				
		2022223816	2022238911	2022221681	D21C 3 /-
2022230913	C10G 45 /-	2022244248			
		2022244668	C12P 21 /-	C22C 32 /-	2022238911
C08F 36 /-	2022260439	2022245460			
		2022254037	2022229417	2022246294	D21C 7 /-
2022230913	C10G 50 /-	2022266191			
		2022267813	C12P 7 /-	C22C 38 /-	2022238911
C08F 4 /-	2022258316				
		C12N 11 /-	2022238911	2022221681	E02F 3 /-
2022230913	C10G 51 /-	2022254037	2022254037		
				C23C 22 /-	2022295310
C08H 8 /-	2022258316		C12Q 1 /-		
		C12N 15 /-		2022249935	E02F 9 /-
2022238911	C10G 57 /-		2022224429		
		2022226678	2022226678	C23C 26 /-	2022232290
C08J 3 /-	2022258316	2022229417	2022231043		2022236965
		2022229993	2022232944	2022246294	2022244155
2022230913	C10G 63 /-	2022232603	2022239609	2022252372	2022254211
		2022235209	2022239851		2022295310
C08J 5 /-	2022258316	2022235284	2022242012	C23C 28 /-	
		2022238492	2022242698		E04B 1 /-
2021436674	C10G 9 /-	2022239851	2022242965	2022249935	
2022230913		2022240549	2022244737		2022246681
	2022258316	2022240747	2022245322	C25B 1 /-	
C08J 7 /-		2022245213	2022247468		E04C 3 /-
	C10L 1 /-	2022246152	2022251011	2021435424	
2021436674		2022246176	2022253231	2022250534	2022221729
	2022224581	2022246786	2022255315	2022261863	2022246681
C08J 9 /-	2022249975	2022247419		2022266084	
		2022249024			

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<u>E04D 12 /-</u>	<u>E21D 20 /-</u>	<u>F04D 1 /-</u>	<u>F24D 17 /-</u>	<u>F42B 33 /-</u>	2022229699 2022233762 2022237561 2022246116 2022247243 2022247325 2022249139 2022254655 2022255908 2022262774 2022275579 2022296025
2022221729	2022244586	2022221740	2022254865	2022258411	
<u>E04F 13 /-</u>	<u>E21D 21 /-</u>	<u>F04D 19 /-</u>	<u>F24D 19 /-</u>	<u>F42B 39 /-</u>	
2022221729	2022244586	2022233166	2022254865	2022258411	
<u>E04G 23 /-</u>	<u>E21F 13 /-</u>	<u>F04D 23 /-</u>	<u>F24F 11 /-</u>	<u>F42C 15 /-</u>	
2022319370	2022335876	2022233166	2022247651 2022250941	2022334748	
<u>E04H 1 /-</u>	<u>E21F 17 /-</u>	<u>F04D 29 /-</u>	<u>F24H 9 /-</u>	<u>F42D 1 /-</u>	
2022319370	2022335876	2022221740	2022254865	2022334748	<u>G01S 17 /-</u>
<u>E04H 3 /-</u>	<u>E21F 5 /-</u>	<u>F15B 13 /-</u>	<u>F25B 13 /-</u>	<u>F42D 3 /-</u>	2022243077
2022319370	2021431916	2021429088	2022250941	2022334748	<u>G01V 1 /-</u>
<u>E06B 9 /-</u>	<u>F01D 13 /-</u>	<u>F15B 15 /-</u>	<u>F25B 27 /-</u>	<u>F42D 5 /-</u>	2022246567
2022337213	2022255476	2022244261	2022265118	2022258411	<u>G01V 8 /-</u>
<u>E21B 10 /-</u>	<u>F01D 15 /-</u>	<u>F15B 9 /-</u>	<u>F25B 37 /-</u>	<u>G01F 23 /-</u>	2022242727
2020402359 2021438110	2022255476	2021429088	2022265118	2022243077	<u>G01V 99 /-</u>
<u>E21B 17 /-</u>	<u>F01K 3 /-</u>	<u>F16B 11 /-</u>	<u>F25B 49 /-</u>	<u>G01G 19 /-</u>	2022242727
2021448383 2022241789	2022223371	2022246681	2022247651 2022250941	2022271784	<u>G02C 7 /-</u>
<u>E21B 19 /-</u>	<u>F01M 11 /-</u>	<u>F16B 13 /-</u>	<u>F25D 23 /-</u>	<u>G01J 3 /-</u>	2021428508
2022241789	2022244260	2022246681	2022256014	2022242727	<u>G02F 1 /-</u>
<u>E21B 23 /-</u>	<u>F02D 41 /-</u>	<u>F16D 7 /-</u>	<u>F25D 25 /-</u>	<u>G01K 13 /-</u>	2022249098
2021447054 2021448244	2022244260	2021448383	2022256014	2022275847	<u>G05B 15 /-</u>
<u>E21B 33 /-</u>	<u>F03B 13 /-</u>	<u>F16H 57 /-</u>	<u>F25J 1 /-</u>	<u>G01N 1 /-</u>	2022238292
2021447054 2021448244	2022227972 2022252990 2023223109	2022252941	2022266084	2022237386	<u>G05D 16 /-</u>
<u>E21B 43 /-</u>	<u>F03B 17 /-</u>	<u>F16H 7 /-</u>	<u>F26B 21 /-</u>	<u>G01N 21 /-</u>	2022256670
2022228809 2022231478	2022255476 2023223109	2022252941	2022250500	2021437028 2022232376 2022239609 2022242727 2022244737 2022246116 2022269592	<u>G06F 119 /-</u> 2022249358
<u>E21B 49 /-</u>	<u>F03B 9 /-</u>	<u>F16J 13 /-</u>	<u>F26B 25 /-</u>	<u>G01N 27 /-</u>	<u>G06F 16 /-</u>
2022228809 2022231478	2023223109	2022258411	2022220846	2022285318	2022245920 2022253271 2022254772
<u>E21B 7 /-</u>	<u>F03D 1 /-</u>	<u>F16L 13 /-</u>	<u>F26B 5 /-</u>	<u>G01N 29 /-</u>	<u>G06F 17 /-</u>
2022229942	2022237482	2022241828	2022234954 2022250500	2022232376	2022230326
<u>E21C 41 /-</u>	<u>F03D 13 /-</u>	<u>F16L 23 /-</u>	<u>F41A 17 /-</u>	<u>G01N 3 /-</u>	<u>G06F 21 /-</u>
2022243077	2022250534 2022255899	2022241828	2022246267	2022249358	2022245616 2022256501 2022257616
<u>E21C 47 /-</u>	<u>F03D 7 /-</u>	<u>F17C 1 /-</u>	<u>F41G 1 /-</u>	<u>G01N 30 /-</u>	<u>G06F 3 /-</u>
2022243077	2022237482 2022255899	2022221738	2022246267	2022229699	2022232383 2022232901 2022234308 2022234961
<u>E21C 50 /-</u>	<u>F03D 9 /-</u>	<u>F21V 5 /-</u>	<u>F41G 3 /-</u>	<u>G01N 33 /-</u>	
2022228809 2022231478	2022250534 2022255899	2022249098	2022246267	2021343568 2022226004 2022226999 2022227164	<u>G06F 30 /-</u> 2022243005
		<u>F24C 15 /-</u>	<u>F42B 3 /-</u>		
		2022236500	2022334748		

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2022249358	<u>G07D 11 /-</u>	<u>H01L 29 /-</u>	<u>H02M 3 /-</u>	2022256501
<u>G06K 17 /-</u>	2022246210	2021443868	2022234755	<u>H04W 24 /-</u>
2022335876	<u>G07F 7 /-</u>	<u>H01L 31 /-</u>	<u>H02M 7 /-</u>	2022243326 2022251417
<u>G06N 10 /-</u>	2022226110	2021467183	2021442185 2022247513	<u>H04W 36 /-</u>
2022268209	<u>G09B 19 /-</u>	<u>H01M 10 /-</u>	<u>H02S 20 /-</u>	2022243326
<u>G06N 20 /-</u>	2022255514	2022246865 2022249083 2022252310	2022221733	<u>H04W 72 /-</u>
2022230326 2022254655 2023204030	<u>G09B 7 /-</u>	2022255101 2022273024	<u>H02S 30 /-</u>	2021437814 2022251417
<u>G06N 3 /-</u>	<u>G10K 11 /-</u>	<u>H01M 4 /-</u>	2022221733	<u>H04W 92 /-</u>
2022230326 2022238678	2022245711	2022227084 2022241368	<u>H02S 40 /-</u>	2021437814
<u>G06N 5 /-</u>	<u>G11B 27 /-</u>	<u>H01M 50 /-</u>	2022232574	<u>H05B 45 /-</u>
2021437028	2022231901	2022222672 2022238900	<u>H02S 99 /-</u>	2022234755
<u>G06N 99 /-</u>	<u>G11B 3 /-</u>	<u>H01M 8 /-</u>	<u>H04B 10 /-</u>	<u>H10K 30 /-</u>
2021437028	2022231901	2022238900	2022383820	2022291322
<u>G06Q 10 /-</u>	<u>G16B 20 /-</u>	2021436674 2022227084	<u>H04L 1 /-</u>	
2021431807 2022266557 2022270768	2022234416 2022235287 2022238884	<u>H01R 13 /-</u>	2022235811	
<u>G06Q 20 /-</u>	2022245322 2022251011	2022238900 2022268081	<u>H04L 47 /-</u>	
2022226110 2022238576	<u>G16B 30 /-</u>	<u>H01R 24 /-</u>	2022256304	
<u>G06Q 30 /-</u>	2022234416 2022235287 2022238884	2022268081	<u>H04L 67 /-</u>	
2021446653 2022270768	<u>G16B 40 /-</u>	2021435423	2022252873	
<u>G06Q 50 /-</u>	2022235287	<u>H01S 3 /-</u>	<u>H04L 9 /-</u>	
2021431807 2022238678	<u>G16C 20 /-</u>	2021435423	2022235328 2022250106 2022257616	
<u>G06T 19 /-</u>	2022243005	<u>H01S 5 /-</u>	<u>H04M 1 /-</u>	
2022254772	2022243005	<u>H02H 7 /-</u>	2022243303	
<u>G06T 7 /-</u>	<u>G16H 30 /-</u>	2022222672	<u>H04N 19 /-</u>	
2021437217 202222097 2022238678 2022349296	2022264761	<u>H02J 3 /-</u>	2022279597 2022435738	
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2022238678	2022246797	<u>H02J 50 /-</u>	2022256304	
<u>G06V 20 /-</u>	<u>H01B 13 /-</u>	2022242728 2022252126 2022252156	<u>H04R 1 /-</u>	
2022238678 2022254772	2022246797 2022255101	<u>H02J 7 /-</u>	2022237559 2022238374	
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	<u>H01H 1 /-</u>	2022255476	<u>H04R 5 /-</u>	
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B32B 5/18 (2006.01)
B32B 27/42 (2006.01)
C08J 9/14 (2006.01)
B29L 7/00 (2006.01)
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F16L 17/025 (2006.01)
F16L 17/02 (2006.01)
F16L 21/02 (2006.01)
F16L 21/06 (2006.01)
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H04W 4/02 (2018.01)
H04W 4/029 (2018.01)
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C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
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C07C 29/70 (2006.01)
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C08K 5/103 (2006.01)
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A01B 23/02 (2006.01)
E02F 9/28 (2006.01)
E21C 35/183 (2006.01)
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A61K 31/675 (2006.01)
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C22C 38/16 (2006.01)
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C07C 57/13 (2006.01)
C10M 133/06 (2006.01)
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A47B 13/00 (2006.01)
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A23G 4/04 (2006.01)
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C01B 33/00 (2006.01)
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G06F 21/32 (2013.01)
G06T 7/73 (2017.01)
H04N 7/00 (2011.01)
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D21B 1/00 (2006.01)
D21C 3/04 (2006.01)

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D21C 5/00 (2006.01)
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C12F 3/10 (2006.01)
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A23L 2/70 (2006.01)
A23L 33/10 (2016.01)
A23L 33/125 (2016.01)
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A23L 2/02 (2006.01)
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A23L 2/66 (2006.01)
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H04L 67/10 (2022.01)
A63F 13/30 (2014.01)
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F24F 7/003 (2021.01)
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B63B 27/34 (2006.01)
B63B 25/12 (2006.01)
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 A61P 35/00 (2006.01)
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 F04B 23/02 (2006.01)
 F04B 49/06 (2006.01)
 F04B 49/20 (2006.01)
 F04B 53/08 (2006.01)
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C08L 71/00 (2006.01)
C08L 77/00 (2006.01)
C08L 81/02 (2006.01)
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A61K 48/00 (2006.01)
C07H 21/04 (2006.01)
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F02N 11/12 (2006.01)
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H01R 13/62 (2006.01)
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A61P 35/00 (2006.01)
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A61B 17/00 (2006.01)
A61B 17/22 (2006.01)
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C07J 43/00 (2006.01)
A61K 9/19 (2006.01)
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A61K 47/54 (2017.01)
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G05B 19/404 (2006.01)
G01M 5/00 (2006.01)
G01M 13/00 (2019.01)
G01N 25/72 (2006.01)
G05B 19/401 (2006.01)
G06Q 10/00 (2012.01)
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B63B 1/40 (2006.01)
B63B 1/06 (2006.01)
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B05B 11/00 (2006.01)
B65D 41/04 (2006.01)
B65D 47/36 (2006.01)
B65D 51/24 (2006.01)
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A61L 27/16 (2006.01)

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2016359076	QBD (QS-IP) Limited	2018235381	IRRAS AB
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2017271385	Inbiomotion S.L.	2018261153	Wm. Wrigley Jr. Company
2017275358	Te?ted Oy	2018261164	Johnson & Johnson Consumer Inc.
2017276723	Alma Mater Studiorum Universita di Bologna	2018261521	Becton, Dickinson and Company
2017276727	Alma Mater Studiorum Universita di Bologna; Nouscom AG	2018262118	8082464 Canada Inc.
2017276790	Commonwealth Scientific and Industrial Research Organisation	2018262228	ATG Access Ltd
2017279762	Hunter Douglas, Inc.	2018263810	BASF SE; Micronisers Pty Ltd
2017294751	Ohio State Innovation Foundation	2018272903	BASF SE
2017307610	Memorial Sloan-Kettering Cancer Center	2018273626	Kimberly-Clark Worldwide, Inc.
2017312200	Blaesi, A.	2018275345	Chef Pack, LLC
2017318181	Linde Aktiengesellschaft	2018276085	McMaster University
2017340499	Pulmonx Corporation	2018281209	Laitram, L.L.C.
2017345317	SmartKable, LLC	2018282000	Becton, Dickinson and Company
2017350706	WestRock Packaging Systems, LLC	2018282140	M.E.P. Macchine Elettroniche Piegatrici S.p.A.
2017354275	Technion Research and Development Foundation Limited	2018282896	The Coca-Cola Company
2017358402	CSL Limited	2018283342	Societe des Produits Nestle S.A.
2017361108	Abrasive Blasting Service & Supplies Pty Ltd	2018285543	Hadal, Inc.
2017361383	Ecolab USA Inc.	2018289006	Fresenius Kabi Deutschland GmbH
2017363357	Johnson & Johnson Consumer Inc.	2018293908	Oztent Australia Pty. Limited
2017368901	Metimedi Pharmaceuticals Co., Ltd.	2018295867	SK Bioscience Co., Ltd.
2017369967	Enviro Ambient Corporation	2018301181	Equinor Energy AS
2017371482	Manufacturing Systems Limited	2018301375	Evoqua Water Technologies LLC
2017376502	Sorrento Therapeutics, Inc.	2018302199	Linde Aktiengesellschaft
2017379409	ICEE Holdings Pty Ltd	2018306139	Consejo Nacional de Investigaciones Cientificas y Tecnicas (CONICET); Universidad de Buenos Aires; Farina, W.
2017414620	Loctek Ergonomic Technology Corp.	2018306608	ASC Engineered Solutions, LLC
2017423857	Halliburton Energy Services, Inc.	2018307077	Caterpillar Inc.
2017439630	NTT DOCOMO, INC.	2018307818	ASC Engineered Solutions, LLC
2017443570	Dematic GmbH; Dematic Pty. Ltd.	2018312846	Weatherford Technology Holdings, LLC
2018200329	DUAL INVENTIVE HOLDING B.V.	2018313492	Societe des Produits Nestle S.A.
2018202253	Henkel AG & Co. KGaA	2018314396	Agro Holding GmbH
2018202310	Perry, S.	2018316525	BP Exploration Operating Company Limited
2018202325	Otis Elevator Company	2018317495	Contactile Pty Ltd
2018202836	Westinghouse Air Brake Technologies Corporation	2018319940	Nippon Suisan Kaisha, Ltd.
2018203105	Spark, I.	2018322191	Macnaught Pty Ltd
2018204739	Medos International Sarl	2018325513	Attenti Electronic Monitoring Ltd.
2018205507	California Institute of Technology; Terrafranca, N.	2018326546	SWM Luxembourg Sarl
2018208842	Doftek Pty Ltd	2018328840	C.R. Bard, Inc.
2018215858	Auto Mossa Holdings Limited	2018329173	President and Fellows of Harvard College; BASF SE
2018217234	The Boeing Company	2018329423	Alimak Group Sweden AB
2018218199	Potters Industries, LLC	2018332540	Janssen Biopharma, Inc.
2018218530	Veolia Water Solutions & Technologies Support, SAS	2018334019	Refratechnik Holding GmbH
2018221030	Wenger Manufacturing, LLC	2018336178	De' Longhi Appliances S.r.l. Con Unico Socio
2018221048	University of Virginia Patent Foundation, d/b/a University of Virginia Licensing and Ventures Group	2018343214	Johnson & Johnson Consumer Inc.
2018227380	Boston Scientific Scimed, Inc.	2018344388	Societe des Produits Nestle S.A.
2018229712	Caterpillar Inc.	2018346236	Hexagon Metrology, Inc.
2018229804	Societe des Produits Nestle S.A.	2018346513	Calagen, Inc.
2018229810	Sika Technology AG	2018350446	Idemitsu Kosan Co., Ltd.
		2018350835	LeoLabs, Inc.
		2018352731	Provincial Health Services Authority; The University of British Columbia
		2018359224	Neuropore Therapies, Inc.
		2018361545	Imertech SAS

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2018362588	Societe des Produits Nestle S.A.	2020329461	Vivo Mobile Communication Co., Ltd.
2018364435	SiSaf Ltd.	2020333801	Shell Internationale Research Maatschappij B.V.
2018366386	Covidien AG	2020334785	Caterpillar Inc.
2018366619	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020343215	Milliken & Company
2018374838	SpecGx LLC	2020344363	Komatsu Ltd.
2018375087	Cytogel Pharma, LLC	2020354489	Google LLC
2018379267	Construction Research & Technology GmbH	2020355832	Neuboron Therapy System Ltd.
2018387538	Sparex Limited	2020358486	Microport Navibot (Suzhou) Co., Ltd.
2018387576	Exeger Operations AB	2020358595	Shukla Medical
2018403639	NTT DOCOMO, INC.	2020362178	Blue Spark Technologies, Inc.
2018436086	ACEA Therapeutics, Inc.; Hangzhou ACEA Pharmaceutical Research Co., Ltd.; Zhejiang ACEA Pharmaceuticals Co., Ltd.	2020374695	Telefonaktiebolaget LM Ericsson (publ)
2019202047	FEI Company	2020380942	Ball Corporation
2019207626	Nucorion Pharmaceuticals, Inc.	2020396511	Chevron U.S.A. Inc.
2019209292	Vertex Pharmaceuticals Incorporated	2020397708	Danieli Automation S.p.A.
2019224760	Nimbus Cloud IPCO Pty Ltd	2020399817	Microport Navibot (Suzhou) Co., Ltd.
2019227770	Japan Tobacco Inc.	2020401389	CrossnoKaye
2019229389	K2M, Inc.	2020402822	Honor Device Co., Ltd.
2019236667	Infosys Limited	2020407533	Everseen Limited
2019247905	Institute of Organic Chemistry and Biochemistry ASCR, v.v.i.	2020407625	Church & Dwight Co., Inc.
2019249560	Japan Tobacco Inc.	2020408087	Alcon Inc.
2019251357	PORTLAND TECHNOLOGY HOLDINGS LLC	2020408730	Yangtze River Pharmaceutical Group Guangzhou Hairui Pharmaceutical Co., Ltd.; Yangtze River Pharmaceutical (Group) Co., Ltd.; Yangtze River Pharmaceutical Group Jiangsu Longfengtang Traditional Chinese Medicine Co., Ltd.
2019252262	Salubris Biotherapeutics, Inc.; Salubris (Chengdu) Biotech Co., Ltd.	2020410529	Church & Dwight Co., Inc.
2019266284	Angel Group Co., Ltd.	2020414201	CJ CheilJedang Corporation
2019267824	Incyte Corporation	2020414826	Dream Technology (Shanghai) Co., Ltd.
2019277817	Novartis AG	2020415622	Mitsubishi Heavy Industries, Ltd.; Mitsubishi Heavy Industries Engineering, Ltd.
2019298997	Zodiac Pool Systems LLC	2020417834	Sakura Finetek USA, Inc.
2019301101	CSPC Zhongqi Pharmaceutical Technology (Shijiazhuang) Co., Ltd.	2020417967	Shell Internationale Research Maatschappij B.V.
2019321077	Pulsating Jigs International (Pty) Ltd	2020420173	Highlife SAS
2019325036	Shenzhen Pregene Biopharma Co. Ltd.	2020444464	Enterobiome Inc.
2019325300	Spermosens AB	2021200310	The Children's Hospital of Philadelphia
2019356565	Calico Life Sciences LLC; AbbVie Inc.	2021200569	The Board of Trustees of the Leland Stanford Junior University
2019434473	Cabinplant A/S	2021204135	Janssen Pharmaceutica NV
2019451382	NEC Corporation	2021204181	VGP IPCO LLC
2019452937	Anrei Medical (Hangzhou) Co., Ltd.	2021204514	BOLLES, D.J.
2019463869	Taroko Door & Window Technologies, Inc.	2021204612	The Trustees of the University of Pennsylvania
2019473403	Insulet Corporation	2021204827	Koninklijke Douwe Egberts B.V.
2019479041	Essity Hygiene and Health Aktiebolag	2021205009	Acres Technology
2020203910	CytomX Therapeutics, Inc.	2021205083	Active Implants LLC
2020221195	Terzo Power Systems, LLC	2021205096	Krueger Transport Equipment Pty Ltd
2020230316	MedImmune Limited	2021208850	Asahi Kasei Construction Materials Corporation
2020235792	Siemens Gamesa Renewable Energy A/S	2021208943	Daegu-Gyeongbuk Medical Innovation Foundation; Pimedbio, Inc.
2020249190	Croser, A.	2021211348	Alteogen, Inc
2020253774	Gen-Probe Incorporated	2021212161	Aristocrat Technologies Australia Pty Limited
2020254025	ENEOS Corporation	2021215171	NXT Building System Pty Ltd
2020267304	NoNO Inc.	2021215215	Bayer CropScience AG
2020268727	Colgate-Palmolive Company	2021215217	ConMed Corporation
2020271751	LG Electronics Inc.	2021215242	ViaCyte, Inc.
2020272117	ROSEN Swiss AG	2021215255	BD Kiestra B.V.
2020272798	LG Electronics Inc.	2021218041	MERCK PATENT GMBH
2020276004	Xiamen Fengtao Ceramics Co., Ltd	2021218065	TAE Technologies, Inc.
2020276566	Xiamen Fengtao Ceramics Co., Ltd	2021219404	Sony Group Corporation
2020277267	The Scripps Research Institute; Northwestern University; Salomon, D.; Kurian, S.; Head, S.; Abecassis, M.; Friedewald, J.; Levitsky, J.	2021220063	Daikin Industries, Ltd.
2020281616	Unilever Global IP Limited	2021220546	Essity Hygiene and Health Aktiebolag
2020284245	ViaCyte, Inc.; W. L. Gore & Associates, Inc.	2021221287	Aulos Bioscience, Inc
2020289521	Zebra Technologies Corporation	2021221653	Auxilium International Holdings, Inc.
2020291810	Metro Vancouver Regional District; Greater Vancouver Sewerage & Drainage District	2021221889	Tate & Lyle Solutions USA LLC
2020294598	Capital One Services, LLC	2021223757	Zeon Corporation; Yupo Corporation
2020298440	Taiho Pharmaceutical Co., Ltd.	2021225124	Commonwealth Scientific and Industrial Research Organisation
2020302753	Endiatx, Inc.	2021225157	Senhwa Biosciences, Inc.
2020302974	Evor Technologies Inc.	2021225234	Steelhead LNG (ASLNG) Ltd.
2020303435	Alcon Inc.	2021225237	SeedMaster Manufacturing Ltd.
2020326389	Ancestry.com DNA, LLC	2021229169	United States Gypsum Company
2020327031	W. L. Gore & Associates, Inc.	2021229251	Auris Health, Inc.
		2021231413	Southwest Research Institute

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2021232790	University of Kentucky Research Foundation	2022201505	Inno-Sports Co., Ltd
2021232795	Ishida Co., Ltd.	2022201790	KUANG, W.
2021234308	Gilead Sciences, Inc.	2022201823	Apple Inc.
2021235867	Envision Digital International Pte. Ltd.; Shanghai Envision Digital Co., Ltd.	2022201943	Becton, Dickinson and Company
2021239493	Yazaki Corporation	2022201951	Becton Dickinson and Company Limited
2021240307	The Coca-Cola Company	2022202478	Shenzhen Yitao Intelligent Industrial Co., Ltd
2021243002	Hangzhou Hikvision Digital Technology Co., Ltd.	2022202481	Shenzhen Yitao Intelligent Industrial Co., Ltd
2021245124	Goodrich, D.	2022202524	Denali Therapeutics Inc.
2021245143	Nippon Steel Corporation; Vallourec Oil and Gas France	2022202529	Becton, Dickinson and Company
2021245156	Applied Medical Resources Corporation	2022202672	Adobe Inc.
2021245165	Beijing Baidu Netcom Science Technology Co., Ltd.	2022202735	The Regents of the University of Colorado, a body corporate; Alcon, Inc.
2021245259	Janssen Biotech, Inc.	2022202763	EnChroma, Inc.
2021252076	Alfa Laval Corporate AB	2022202858	Thromborex, Inc.; Temple University-Of The Commonwealth System of Higher Education
2021254541	ResMed Pty Ltd	2022202907	Motorola Solutions, Inc.
2021257892	Illumina, Inc.	2022202977	Apple Inc.
2021257931	LG ELECTRONICS INC.	2022203094	PayPal, Inc.
2021258074	Listat Ltd.	2022203095	Contrast, Inc.
2021266222	Athira Pharma, Inc.	2022203212	Becton, Dickinson and Company
2021266277	EVOLVED BY NATURE, INC.	2022203398	Nokia Technologies Oy
2021267282	Xiamen R&J Precision Technology Co., Ltd.	2022203422	Takeda Vaccines, Inc.
2021267896	NantG Mobile, LLC	2022203717	Ecolab USA Inc.
2021273539	Nicoventures Trading Limited	2022204107	Zhejiang Aiko Solar Energy Technology Co., Ltd.
2021274862	Nouryon Chemicals International B.V.	2022204240	Janssen Pharmaceutica NV
2021275180	Hitachi, Ltd.	2022204469	Intuit Inc.
2021277608	University of Virginia Patent Foundation	2022204668	SAMSUNG ELECTRONICS CO., LTD.
2021277696	Globeride, Inc.	2022204734	SAMSUNG ELECTRONICS CO., LTD.
2021277760	LG ELECTRONICS INC.	2022205190	PERCEPTIVE SENSOR TECHNOLOGIES LLC
2021280970	Unilever Global IP Limited	2022206712	Toshiba Energy Systems & Solutions Corporation
2021282404	TriAgenics, Inc.	2022206767	Chengdu Chemphys Chemical Industry Co., Ltd; Sino-lithium Materials Limited
2021282458	Immatics Biotechnologies GmbH	2022206832	Rain-Check.IT Pty Ltd
2021282462	Fundació Hospital Universitari Vall d'hebron - Institut de Recerca; Centro de Investigación Biomédica en Red University-Industry Cooperation Group of Kyung Hee University; Navipharm Co, Ltd	2022209239	Takeda Vaccines, Inc.
2021282468	The NOCO Company	2022212918	CAE INC.
2021282512	Intercontinental Great Brands LLC	2022215309	Apple Inc.
2021286425	Fujian Changting Golden Dragon Rare-Earth Co., Ltd	2022218510	Duke University
2021288185	Werner Co.	2022224841	Angel Group Co., Ltd.
2021290197	LG Electronics Inc.	2022228159	Adionics
2021290395	CooperVision International Limited	2022231117	KANDASAMY, K.
2021297025	Sartorius BIA Separations D.O.O	2022235632	Apple Inc.
2021314917	CooperVision International Limited	2022236940	LI-S ENERGY LIMITED
2021331683	Teleflex Medical Incorporated	2022238786	ORTELLIGENCE, INC.
2021355490	CHEMISCHE FABRIK DR. WEIGERT GMBH & CO. KG	2022241475	Samsung Electronics Co., Ltd.
2021366325	NOVARTIS AG	2022244599	Hitachi Construction Machinery Co., Ltd.
2021368247	Saeum Meditec Co., Ltd	2022244858	TIANJIN HAIRUNJIAHE INNOVATIVE PHARMACEUTICAL RESEARCH LIMITED LIABILITY COMPANY
2021380854	CHA VACCINE RESEARCH INSTITUTE CO., LTD	2022249231	ALLOSOURCE
2021382954	Hitachi, Ltd.	2022275490	Apple Inc.
2021384046	LYNAS RARE EARTHS LIMITED	2022275520	Pluto Inc.
2021388023	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022293125	SOFTGEAR CO.,LTD.
2021396607	HYDE, B.J.	2022304619	DROPBOX, INC.
2021397325	NIPPON SHEET GLASS COMPANY, LIMITED	2022306695	HIPURA PTY LTD
2021400610	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022316516	Shandong Jianzhu University; Shandong Fuyou Technology Co., Ltd.
2021414510	Nihon Itomic Co., Ltd.	2022325172	China University of Mining and Technology
2021441489	ELCOGEN OY	2022325173	Huawei Technologies Co., Ltd.
2022200329	Well Stone Co.	2022346655	HARRIS, J.
2022200629	CORDIS CORPORATION	2022358642	BEAUTY MOLECULES INTERNATIONAL LIMITED
2022200916	The NOCO Company	2022429676	HOLLISTER INCORPORATED
2022201012	BioPath Automation, L.L.C.	2023201693	Tse, K.
2022201030	TZANG, R.; LANE, H.; Excelsior Pharmatech Labs	2023202087	Bisviridi Ltd
2022201146	Pierson Capital Environmental (Beijing) Limited	2023202870	Google LLC
2022201150	Pierson Capital Environmental (Beijing) Limited	2023210569	Dolby Laboratories Licensing Corporation
2022201291	Wayne State University	2023216777	Intocell, Inc.
2022201312	Honeywell International Inc.	2023219842	HOLLISTER INCORPORATED
2022201321	Intercontinental Great Brands LLC	2023222905	AI21 Labs
2022201322	AMDT Holdings, Inc.		
2022201377	Google LLC		
2022201388	LG ELECTRONICS INC.		

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2020334785	2018202310	<u>A23L 5 /-</u>	2022201790	2020358486	2020408730
<u>A01B 69 /-</u>	<u>A01N 65 /-</u>	2021221889	<u>A61B 1 /-</u>	2020358595	<u>A61K 38 /-</u>
2021225237	2018202310	<u>A23L 9 /-</u>	2018366386	2020420173	2016340017
<u>A01B 73 /-</u>	<u>A01P 3 /-</u>	2018344388	2020302753	2021205083	2016350613
2021225237	2018229966	<u>A23N 17 /-</u>	<u>A61B 10 /-</u>	2022202735	2018375087
<u>A01B 79 /-</u>	<u>A22C 7 /-</u>	2018221030	2018227380	2022202858	2019252262
2021215215	2021286425	<u>A24B 15 /-</u>	2020302753	2022249231	2020267304
<u>A01C 7 /-</u>	<u>A23C 11 /-</u>	2018326546	<u>A61B 17 /-</u>	<u>A61F 5 /-</u>	2021211348
2021225237	2018344388	<u>A24F 40 /-</u>	2018204739	2018328840	2021266222
<u>A01D 41 /-</u>	<u>A23G 4 /-</u>	2020276004	2018230771	2022201322	2021314917
2021215215	2021286425	2020276566	2019229389	2022429676	<u>A61K 39 /-</u>
<u>A01D 43 /-</u>	<u>A23K 10 /-</u>	<u>A24F 47 /-</u>	2019452937	2023219842	2016344459
2021215215	2022201321	2020276004	2020358486	<u>A61F 6 /-</u>	2016350613
<u>A01H 5 /-</u>	2018306139	2021273539	2021215217	2021277608	2016353067
2017276790	2018319940	<u>A45C 11 /-</u>	2022201322	<u>A61K 31 /-</u>	2017228474
<u>A01K 5 /-</u>	<u>A23K 20 /-</u>	2021297025	2022202858	2017294751	2017307610
2020249190	2018306139	<u>A45D 20 /-</u>	<u>A61B 18 /-</u>	2018247984	2018295867
<u>A01K 61 /-</u>	<u>A23K 30 /-</u>	2020414826	2020327031	2018343214	2019277817
2017318181	2018221030	<u>A45D 40 /-</u>	2022202858	2018359224	2019325036
2018319940	<u>A23K 40 /-</u>	2022358642	<u>A61B 34 /-</u>	2018436086	2020203910
<u>A01K 63 /-</u>	2018319940	<u>A47B 13 /-</u>	2020358486	2019207626	2020230316
2017318181	<u>A23K 50 /-</u>	2022201505	2020399817	2019227770	2021221287
<u>A01K 89 /-</u>	2018306139	<u>A47B 57 /-</u>	<u>A61B 5 /-</u>	2019247905	2021282458
2021277696	2018319940	2017414620	2021218041	2018436086	2021382954
<u>A01M 25 /-</u>	<u>A23L 17 /-</u>	<u>A47C 27 /-</u>	2018221048	2019207626	2022203422
2020249190	2018319940	2018314396	2018243364	2019227770	2022209239
<u>A01N 27 /-</u>	<u>A23L 2 /-</u>	<u>A47C 4 /-</u>	2020302753	2019249560	<u>A61K 41 /-</u>
2018306139	2018344388	2018293908	2020362178	2019251357	2022201291
<u>A01N 31 /-</u>	2021240307	<u>A47C 7 /-</u>	<u>A61B 6 /-</u>	2019267824	2019301101
2018306139	<u>A23L 29 /-</u>	2018293908	<u>A61B 8 /-</u>	2020298440	2020298440
<u>A01N 35 /-</u>	2020444464	<u>A47G 29 /-</u>	2018243364	2021204135	2021208943
2018306139	2021221889	2021204514	<u>A61C 19 /-</u>	2021218041	2021218041
<u>A01N 37 /-</u>	<u>A23L 3 /-</u>	<u>A47J 31 /-</u>	2021380854	2021225157	<u>A61K 47 /-</u>
2018229966	2021221889	2018229804	<u>A61C 3 /-</u>	2021232790	2017225982
<u>A01N 43 /-</u>	2021240307	2021257931	2020302753	2021282462	2017368901
2018229966	<u>A23L 33 /-</u>	<u>A47K 3 /-</u>	2020362178	2021368247	2018375087
2018313492	2021221889	2022201790	<u>A61B 6 /-</u>	2021382954	2020201030
2021208943	2021282468	<u>A61F 13 /-</u>	2018230771	2022204240	2022204240
2021282468	<u>A61K 9 /-</u>	<u>A61F 2 /-</u>	2019202047	2022244858	2022244858
	2017312200		<u>A61B 8 /-</u>	<u>A61K 33 /-</u>	2023216777
			2017368901	2017368901	<u>A61K 48 /-</u>
			<u>A61K 35 /-</u>	<u>A61K 35 /-</u>	2016349280
			2016349280	2019325036	2021200310
			2017216285	2021200310	<u>A61K 51 /-</u>
			2017276723	2021221287	2018352731
			2017276727	2022244858	<u>A61K 8 /-</u>
			2017307610	2023216777	2018261164
			2019325036		2020268727
			2020444464		2021266277
			2021215242		<u>A61K 9 /-</u>
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			2022201291		
			<u>A61K 36 /-</u>		
			2018362588		

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2017363357					
2017368901	2022200629	2018332540	2021212161	2018272903	2021245156
2018247984		2019247905	2022293125		
2018251256	<u>A61M 36 /-</u>	2021221287		<u>B03D 101 /-</u>	<u>B29C 43 /-</u>
2018343214		2021382954	<u>B01D 11 /-</u>		
2018375087	2018230771	2022203422		2018272903	2020407625
2019301101		2022209239			
2020267304	<u>A61M 37 /-</u>		2022228159	<u>B04B 1 /-</u>	<u>B29C 44 /-</u>
2020303435		<u>A61P 35 /-</u>	<u>B01D 15 /-</u>		
2021204135	2017376502			2021252076	2017379409
2022244858		2016340017	2021314917		2021208850
	<u>A61M 39 /-</u>	2016344459		<u>B04B 11 /-</u>	
<u>A61L 15 /-</u>		2016349280	<u>B01D 3 /-</u>		<u>B29C 48 /-</u>
	2018282000	2017205089		2021252076	
2021220546	2018289006	2017307610	2018240178		2022231117
	2022201951	2018436086		<u>B04B 13 /-</u>	
<u>A61L 2 /-</u>	<u>A61M 5 /-</u>	2019247905	<u>B01D 35 /-</u>		<u>B29C 49 /-</u>
		2019267824		2021252076	
2018249369	2017376502	2019277817	2021219404		2022201505
2021366325	2018221048	2019301101	2021257931	<u>B05B 11 /-</u>	<u>B29D 11 /-</u>
2022202478	2018230771	2019325036			
	2018247984	2020298440	<u>B01D 46 /-</u>	2020281616	2020408087
<u>A61L 27 /-</u>	2018289006	2021208943		<u>B08B 3 /-</u>	
	2019473403	2021211348	2021219404		<u>B29D 7 /-</u>
2020284245	2022201943	2021221287	<u>B01D 53 /-</u>	2021257931	
		2022244858		<u>B08B 7 /-</u>	2022201505
<u>A61L 29 /-</u>	<u>A61N 1 /-</u>	2023216777	2017369967		<u>B29K 105 /-</u>
			2020415622	2018249369	
2020327031	2018205507	<u>A61P 37 /-</u>			2021400610
2022202529	2018364435		<u>B01D 61 /-</u>	<u>B08B 9 /-</u>	
2022203212	2021355490	2017228474			<u>B29K 61 /-</u>
	2022218510	2017294751	2018301375	2021257931	
<u>A61L 9 /-</u>		2019267824			2021208850
	<u>A61N 5 /-</u>	2021218041	<u>B01J 13 /-</u>	<u>B09B 3 /-</u>	
2022202478		2021368247			<u>B29L 31 /-</u>
2022202481	2018230771		2018229810	2023202087	
	2020327031	<u>A61P 43 /-</u>		<u>B21F 23 /-</u>	2021245156
<u>A61M 1 /-</u>	2020355832		<u>B01J 20 /-</u>		2022201505
		2019227770		<u>B21F 27 /-</u>	
2018221048	<u>A61P 1 /-</u>	2019249560	2020417967		<u>B29L 7 /-</u>
2018235381		2021282462		2018282140	
2021397325	2017216285		<u>B01J 23 /-</u>		<u>B29L 7 /-</u>
		<u>A61P 9 /-</u>		<u>B21F 27 /-</u>	2021208850
<u>A61M 11 /-</u>	<u>A61P 17 /-</u>		2021388023		
		2017358402		2018282140	<u>B29L 9 /-</u>
2017376502	2020408730	2019252262	<u>B01J 35 /-</u>	<u>B24C 7 /-</u>	2021208850
2021273539	2021368247	2020267304			
			2022202481	2017361108	<u>B32B 13 /-</u>
<u>A61M 15 /-</u>	<u>A61P 25 /-</u>	<u>A61Q 11 /-</u>	<u>B01J 37 /-</u>		
				<u>B25J 13 /-</u>	2021229169
2017376502	2022200329	2020268727			
2021273539	2022201030		2017371482	2018317495	<u>B32B 27 /-</u>
		<u>A61Q 19 /-</u>			
<u>A61M 16 /-</u>	<u>A61P 27 /-</u>		<u>B01J 45 /-</u>	<u>B25J 19 /-</u>	2021208850
		2018261164			
2021254541	2020303435		2022228159	2018317495	<u>B32B 3 /-</u>
2021397325		<u>A61Q 5 /-</u>	<u>B01L 3 /-</u>	<u>B25J 9 /-</u>	2022201505
	<u>A61P 29 /-</u>				
<u>A61M 21 /-</u>		2018261164	2020417834	2020289521	<u>B32B 5 /-</u>
	2018375087		2022201012		
2018285543	2020444464	<u>A62B 9 /-</u>		<u>B28B 23 /-</u>	2018329173
	2021208943		<u>B01L 9 /-</u>		2021208850
<u>A61M 25 /-</u>	2022204240	2017340499		2021215171	2021223757
			2020417834		
2018249369	<u>A61P 3 /-</u>	<u>A63B 24 /-</u>		<u>B29B 11 /-</u>	<u>B32B 7 /-</u>
2018261521			<u>B03B 11 /-</u>		
2018282000	2017358402	2022202977		2021400610	2021229169
2018328840	2018359224		2019321077		
2020327031	2019227770	<u>A63B 71 /-</u>		<u>B29B 7 /-</u>	<u>B33Y 30 /-</u>
2021355490	2019249560		<u>B03B 5 /-</u>		
2021397325	2021208943	2022202977		2022231117	2018229973
2022200629	2022200329		2019321077		

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<u>B33Y 70 /-</u>		<u>B65D 69 /-</u>		<u>C07C 269 /-</u>	2021218041 2021368247
2018229973	<u>B63B 71 /-</u>	2018328840	<u>C01B 3 /-</u>	2018374838	
	2021225234		2020254025		<u>C07D 471 /-</u>
<u>B41M 3 /-</u>	<u>B63G 8 /-</u>	<u>B65D 71 /-</u>	<u>C01B 33 /-</u>	<u>C07C 271 /-</u>	2019267824 2021218041 2021225157 20222024240
2018329173	2018232946	2017350706	2023216777	2019356565	
<u>B60C 23 /-</u>	<u>B65B 1 /-</u>	<u>B65D 75 /-</u>	<u>C01F 17 /-</u>	<u>C07C 29 /-</u>	<u>C07D 487 /-</u>
2022346655	2021232795	2021297025	2021388023	2018263810	
<u>B60G 17 /-</u>	<u>B65B 25 /-</u>	<u>B65D 77 /-</u>	<u>C01F 7 /-</u>	<u>C07C 303 /-</u>	2021218041 2021234308 2021368247 2022202524
2018208842	2020408087	2017350706	2022306695	2019356565	
<u>B60G 3 /-</u>	2021286425	2021297025		2021208943	<u>C07D 491 /-</u>
2018208842	2022201321	<u>B65D 81 /-</u>	<u>C02F 1 /-</u>	<u>C07C 305 /-</u>	2019209292
<u>B60L 15 /-</u>	<u>B65B 35 /-</u>	2018275345	2018301375	2023216777	
2018202836	2021286425	2020281616	2021257931	<u>C07C 31 /-</u>	<u>C07D 495 /-</u>
	2022201321	<u>B65D 83 /-</u>	2022228159	2018263810	2022202524
<u>B60L 3 /-</u>	<u>B65B 57 /-</u>	2018261153	<u>C02F 11 /-</u>	<u>C07C 311 /-</u>	<u>C07D 498 /-</u>
2018200329	2021232795	2020249190	2023202087	2021208943	2019209292
2018202836	<u>B65B 65 /-</u>	<u>B65D 85 /-</u>	<u>C02F 3 /-</u>	<u>C07C 317 /-</u>	<u>C07F 9 /-</u>
<u>B60P 7 /-</u>	2021286425	2018202253	2018218530	2018359224	2019207626 2019356565
2021205096	2022201321	2021204827	2020291810	<u>C07C 57 /-</u>	
<u>B60S 5 /-</u>	<u>B65D 1 /-</u>	<u>B65D 90 /-</u>	<u>C02F 5 /-</u>	2018244805	<u>C07G 1 /-</u>
2018262118	2017379409	2017361383	2022228159	<u>C07D 221 /-</u>	2022201146 2022201150
<u>B60W 60 /-</u>	2018275345	<u>B65G 1 /-</u>	<u>C03B 19 /-</u>	2019356565	<u>C07H 1 /-</u>
2022325172	2018283342	2017443570	2018229973	2022203717	2021221889 2021234308
<u>B61L 23 /-</u>	<u>B65D 17 /-</u>	<u>B65G 23 /-</u>	<u>C03C 13 /-</u>	<u>C07D 239 /-</u>	<u>C07H 15 /-</u>
2020380942	2020380942	2018281209	2021400610	2018436086	2023216777
2021275180	<u>B65D 21 /-</u>	<u>B65G 69 /-</u>	<u>C04B 111 /-</u>	<u>C07D 241 /-</u>	<u>C07H 19 /-</u>
<u>B62D 12 /-</u>	2018218199	2017361383	2021229169	2019209292	2021218041
2018203105	<u>B65D 25 /-</u>	<u>B65H 75 /-</u>	<u>C04B 28 /-</u>	<u>C07D 401 /-</u>	2018332540 2019207626 2019247905 2020298440
<u>B62D 13 /-</u>	2018275345	2018322191	2021229169	2019249560	<u>C07H 21 /-</u>
2018203105	<u>B65D 33 /-</u>	<u>B66B 5 /-</u>	<u>C04B 35 /-</u>	2021218041	2021200310 2021204612
<u>B62D 17 /-</u>	2018218199	2018202325	2018334019	2021368247	<u>C07H 3 /-</u>
2018208842	<u>B65D 41 /-</u>	2018329423	<u>C04B 38 /-</u>	<u>C07D 403 /-</u>	2021221889
<u>B62D 7 /-</u>	2020281616	<u>B66D 5 /-</u>	2018334019	2019209292	<u>C07H 7 /-</u>
2018208842	<u>B65D 47 /-</u>	2018329423	<u>C04B 40 /-</u>	2019227770	2021234308
<u>B63B 1 /-</u>	2017361383	<u>B66F 3 /-</u>	2018379267	2019249560	
2023201693	2020281616	2018262118	<u>C07C 231 /-</u>	<u>C07D 405 /-</u>	2021221889
<u>B63B 25 /-</u>	<u>B65D 51 /-</u>	<u>B67D 1 /-</u>	2018374838	2019209292	<u>C07H 14 /-</u>
2021225234	2018255227	2022201388	<u>C07C 235 /-</u>	2021218041	
<u>B63B 27 /-</u>	2020281616	<u>B67D 9 /-</u>	2019356565	2021368247	<u>C07J 43 /-</u>
2021225234	2018218199	2021225234	<u>C07C 237 /-</u>	2021218041	2022244858
<u>B63B 35 /-</u>	2018275345	<u>B68G 9 /-</u>	2018374838	2021368247	<u>C07K 14 /-</u>
2021225234	2021245124	2018314396		<u>C07D 417 /-</u>	2016350613

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2017266468	<u>C08G 61 /-</u>	<u>C10L 3 /-</u>	2017276723	<u>C25D 7 /-</u>	<u>E02F 9 /-</u>
2017276723			2017276727		
2017276727	2022203717	2020333801	2018295867	2021245143	2018229712
2017294751			2021200310		2020221195
2019252262	<u>C08G 81 /-</u>	<u>C10M 133 /-</u>		<u>D02G 3 /-</u>	2020334785
2020230316					2020344363
2020267304	2018276085	2018244805		2020343215	
2020414201				2021400610	<u>E03B 11 /-</u>
2021200310	<u>C08J 3 /-</u>	<u>C11D 1 /-</u>	2017260714		
2021204612			2021211348	<u>D04H 1 /-</u>	2022201790
2021266222	2018276085	2021280970	2021221653		
2021282458		2021366325	2021314917	2019479041	<u>E03C 1 /-</u>
2021314917	<u>C08J 9 /-</u>	<u>C11D 11 /-</u>		<u>D06F 23 /-</u>	2022201388
2022201291				2021290395	2022201790
	2021208850	2021280970	2020414201		
	2021223757	2021366325		<u>D06F 33 /-</u>	<u>E03D 5 /-</u>
<u>C07K 16 /-</u>	<u>C08K 3 /-</u>	<u>C11D 17 /-</u>		2020271751	2021267282
			2022201146	2020272798	
2016344459	2018217234	2018202253	2022201150		<u>E04B 1 /-</u>
2016350613		2021280970		<u>D06F 37 /-</u>	2021215171
2016353067	<u>C08K 5 /-</u>		<u>C12Q 1 /-</u>	2020271751	<u>E04B 2 /-</u>
2016359076		<u>C11D 3 /-</u>	2016344459	2020272798	2021215171
2016372934	2018263810		2017260714	2021290395	
2017205089	2018276085	2021280970	2017271385	<u>D06F 39 /-</u>	<u>E04B 5 /-</u>
2017228474	2020410529	2021366325	2020277267		2021215171
2019252262			2021200569	2020271751	
2019277817	<u>C08K 7 /-</u>	<u>C12F 3 /-</u>	2021257892	2020272798	2021215171
2019325036					<u>E04C 2 /-</u>
2020203910	2018217234	2022201146	<u>C12R 1 /-</u>	<u>D21B 1 /-</u>	2021215171
2020230316		2022201150		2022201146	2021229169
2021221287	<u>C08K 9 /-</u>	<u>C12M 1 /-</u>	2020444464	2022201150	<u>E04C 5 /-</u>
2023216777			2021282468		2021215171
	2018229810	2018218530	<u>C22B 21 /-</u>	<u>D21C 11 /-</u>	2021215171
<u>C07K 19 /-</u>		2020291810		2022201146	2021229169
	<u>C08L 71 /-</u>		2022306695	2022201150	<u>E04C 5 /-</u>
2019325036		<u>C12N 1 /-</u>	<u>C22B 3 /-</u>	<u>D21C 11 /-</u>	2021215171
2020267304	2018217234	2017260714	2022228159	2022201146	<u>E04G 11 /-</u>
		2020444464		2022201150	
<u>C07K 5 /-</u>	<u>C08L 77 /-</u>	2021282468	<u>C22B 7 /-</u>	<u>D21C 3 /-</u>	2021215171
			2022306695	2022201146	<u>E04G 15 /-</u>
2018352731	2018217234	<u>C12N 11 /-</u>	<u>C22C 33 /-</u>	2022201150	2021215171
		2021215242	2021288185	<u>D21C 5 /-</u>	<u>E04H 4 /-</u>
<u>C07K 7 /-</u>	<u>C08L 81 /-</u>		<u>C22C 38 /-</u>	2022201146	2019298997
		2016372934		2022201150	
2018352731	2018217234	2017260714	2021288185	<u>D21C 7 /-</u>	<u>E05B 47 /-</u>
2020267304		2017266468		2022201146	2018229712
	<u>C09D 7 /-</u>	2017276723	<u>C23C 16 /-</u>	2022201150	
<u>C08B 37 /-</u>		2017276727			<u>E06B 7 /-</u>
	<u>C09K 5 /-</u>	2017276727	<u>C23C 22 /-</u>	<u>E01F 13 /-</u>	2017279762
2022201146		2017276790	2021225124	2018262228	
2022201150	2018361545	2017294751	<u>C23C 22 /-</u>		<u>E06B 9 /-</u>
		2019325036	2021245143	<u>E02D 27 /-</u>	2018215858
<u>C08F 222 /-</u>	<u>C09K 8 /-</u>	2019325036		2021215171	2019463869
		2020414201	<u>C23C 28 /-</u>	<u>E02D 5 /-</u>	<u>E06C 1 /-</u>
2018276085	2021239493	2021200310		2021215171	2021290197
			2021245143	<u>E02F 3 /-</u>	<u>E21B 17 /-</u>
<u>C08F 297 /-</u>	<u>C09K 8 /-</u>	<u>C12N 5 /-</u>	<u>C25B 1 /-</u>	2018229712	2018312846
		2017266468		2020334785	
2020407625	2021274862	2017276723	<u>C25D 5 /-</u>		<u>E21B 19 /-</u>
		2017276727			
<u>C08F 8 /-</u>	<u>C10G 50 /-</u>	2017276790	2017371482		
		2017294751			
2018276085	2018350446	2019325036			
2020407625		2019325300			
	<u>C10G 69 /-</u>	2021215242			
<u>C08G 101 /-</u>		2021245259			
	2018350446				
2018232053	<u>C10L 1 /-</u>	<u>C12N 7 /-</u>			
<u>C08G 18 /-</u>	2018244805				
	2018350446				
2018229810					
2018232053	<u>C10L 10 /-</u>				
	2020333801				

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2018312846	2020221195	F23J 15 /-	G01B 21 /-	G01N 29 /-	2022206712
E21B 21 /-	F04B 49 /-	2020415622	2018346236	2020272117	G05D 1 /-
2020396511	2020221195	F24F 1 /-	G01B 7 /-	G01N 30 /-	2020289521
E21B 23 /-	F04B 53 /-	2018336178	2018346236	2018316525	2022244599
2018257765	2020221195	2021277760			2022325172
E21B 33 /-	F04C 2 /-	F24F 11 /-	G01D 1 /-	G01N 31 /-	G05D 23 /-
		2018336178	2018202836	2022203717	2018229804
2017423857	2018322191		G01F 1 /-	G01N 33 /-	G06F 13 /-
2018257765		F24F 13 /-	2022201312	2016344459	2021220063
2020302974	F04D 25 /-	2022202478		2016431213	
E21B 36 /-	2020414826	2022202481	G01F 23 /-	2017275358	G06F 15 /-
	F04D 29 /-	F24F 7 /-	2022205190	2018316525	2019236667
2020302974				2019325300	
E21B 41 /-	2021277760	2021219404	G01G 17 /-	2021200569	G06F 16 /-
	F16B 4 /-	F24F 8 /-	2022205190		
2020396511	2018254733	2022202478	G01G 19 /-	2020253774	2021384046
E21B 43 /-		2022202481		2021215255	2022202672
	F16D 11 /-	F24H 1 /-	2019434473	G01P 13 /-	2022275490
2020302974	2021290395		2021232795		
2020396511		2021426703	G01J 3 /-	2018325513	2019266284
E21B 44 /-	F16D 3 /-	F24H 4 /-	2022202763	G01R 1 /-	G06F 21 /-
	2018387538			2017345317	2021384046
2020302974	F16D 59 /-	2021426703	G01L 25 /-		2022204469
E21B 47 /-		F24H 9 /-	2018202325	G01R 15 /-	2022304619
	2018329423			2017345317	G06F 3 /-
2018301181	F16H 25 /-	2020414826	G01L 5 /-		
E21B 49 /-	2018208842	F24T 10 /-	2018317495	G01R 31 /-	2020402822
				2017345317	2022202672
2020396511	F16K 3 /-	2020302974	G01M 13 /-		2022202977
E21C 35 /-		F25B 21 /-	2022206712	G01S 13 /-	2022235632
	2017361108				G06F 30 /-
2020334785	F16K 31 /-	2018346513	G01M 5 /-	2018350835	
F01K 23 /-		F25B 40 /-	2018302199	G01S 17 /-	2018302199
	2017361108		2022206712		2022316516
2020415622	F16L 15 /-	2020401389	G01M 99 /-	2021275180	G06F 40 /-
F02G 5 /-		F25B 47 /-	2018302199	G01S 7 /-	2022215309
	2021245143			2018350835	2023222905
2020415622	F16L 17 /-	2020401389	G01N 1 /-	2021275180	G06F 9 /-
F02N 11 /-		F25D 17 /-	2018316525	G02B 1 /-	2019224760
	2018306608		2020417834		
2021282512	2018307818	2016433678	2021215255	2020408087	G06K 19 /-
2022200916		F25D 23 /-	2022201012	G02B 27 /-	2022203094
F02N 19 /-	F16L 21 /-				2022224841
	2018307818	2016433678	G01N 21 /-	2018285543	
2022200916	F16L 23 /-	F25D 25 /-	2022203717	2022203095	G06K 7 /-
F03D 1 /-					
	2018306608	2016433678	G01N 25 /-	G02B 5 /-	2020294598
2020235792	F16N 7 /-	F28F 23 /-	2022206712	2022202763	G06N 10 /-
F03G 4 /-					
	2021204181	2021239493	G01N 27 /-	G02C 7 /-	2020354489
2020302974	F16S 1 /-	G01B 11 /-		2020408087	2021245165
F04B 17 /-			2017371482	2021331683	2022201377
	2021215171	2018346236	2020272117	2022202763	2023202870
2020221195			2020272798		G06N 3 /-
F04B 23 /-				G05B 19 /-	

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2021245165	<u>G16B 10 /-</u>	<u>H02J 7 /-</u>	2022275520
2021396607			2023210569
2022325172	2020326389	2021282512	
<u>G06Q 10 /-</u>	<u>G16B 50 /-</u>	<u>H02N 11 /-</u>	<u>H04N 5 /-</u>
2021384046	2020326389	2018346513	2022203095
2022202907			2022212918
2022202977	<u>G16H 10 /-</u>	<u>H02P 7 /-</u>	<u>H04N 7 /-</u>
2022206712	2022201823	2018346513	2022204469
2022206832			2022212918
<u>G06Q 30 /-</u>	<u>G16H 20 /-</u>	<u>H02S 50 /-</u>	<u>H04Q 9 /-</u>
2020407533	2018249369	2021235867	2021220063
2022206832	<u>G16H 40 /-</u>	<u>H04B 1 /-</u>	<u>H04W 12 /-</u>
<u>G06Q 50 /-</u>	2022201823	2017439630	2021267896
2017318181	<u>G16H 50 /-</u>	<u>H04B 5 /-</u>	<u>H04W 16 /-</u>
2018307077			2022325173
2022202907	2020362178	2020294598	<u>H04W 28 /-</u>
<u>G06T 11 /-</u>	<u>G21B 1 /-</u>	<u>H04B 7 /-</u>	2018366619
2019202047	2021218065	2021231413	2018403639
<u>G06T 5 /-</u>	<u>H01F 1 /-</u>	<u>H04L 1 /-</u>	2020374695
2022203095	2021288185	2019451382	<u>H04W 4 /-</u>
<u>G06T 7 /-</u>	<u>H01F 41 /-</u>	<u>H04L 25 /-</u>	2018325513
2022204469	2021288185	2022204668	2020329461
2022238786	<u>H01G 9 /-</u>	<u>H04L 45 /-</u>	<u>H04W 72 /-</u>
<u>G06V 10 /-</u>	2018387576	2021258074	2017439630
2022325172	<u>H01L 31 /-</u>	<u>H04L 5 /-</u>	2018403639
<u>G06V 20 /-</u>	2022204107	2022204668	2019451382
2022325172		2022204734	2022203398
<u>G06V 40 /-</u>	<u>H01M 10 /-</u>	<u>H04L 65 /-</u>	2022204668
2022204469	2018232946	2022212918	2022204734
<u>G07F 17 /-</u>	<u>H01M 4 /-</u>	<u>H04L 67 /-</u>	<u>H04W 80 /-</u>
2018282896	2017371482	2021267896	2018366619
2021205009	2021225124	2022293125	<u>H04W 92 /-</u>
<u>G08B 13 /-</u>	2022236940	<u>H04L 9 /-</u>	2018366619
2022238786	<u>H01M 50 /-</u>	2022304619	<u>H05B 1 /-</u>
<u>G08G 1 /-</u>	2018232946	<u>H04M 11 /-</u>	2020414826
2021275180	<u>H01M 8 /-</u>	2021220063	<u>H05B 6 /-</u>
2022244599	2020254025		2020397708
<u>G09B 23 /-</u>	2021441489	<u>H04M 3 /-</u>	<u>H05B 7 /-</u>
2021245156	<u>H01R 13 /-</u>	2019224760	2020397708
<u>G09B 9 /-</u>	2022200916	<u>H04N 19 /-</u>	
2022212918	<u>H01R 24 /-</u>	2021243002	
<u>G10L 15 /-</u>	2022200916	2022241475	
2021414510	<u>H02J 3 /-</u>	2023210569	
		<u>H04N 21 /-</u>	
	2020397708	2022204469	
		2022212918	

Certified Innovation Patents**Name Index**

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

(71) 2MT Mining Products Pty Ltd
(11) AU-B-2023100068
(21) 2023100068 (22) 25.07.2023
(54) PROTECTION SYSTEMS
(51) Int. Cl.
 E02F 9/28 (2006.01)
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(45) 05.10.2023
(62) 2020317370,2022202367
(72) Senanayake, Mahinda Palitha
(74) Ahearn Fox

(71) 2MT Mining Products Pty Ltd
(11) AU-B-2023100069
(21) 2023100069 (22) 25.07.2023
(54) PROTECTION SYSTEMS
(51) Int. Cl.
 E02F 9/28 (2006.01)
 B65G 11/16 (2006.01)
(45) 05.10.2023
(62) 2020317370,2022202367
(72) Senanayake, Mahinda Palitha
(74) Ahearn Fox

Numerical Index

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2023100069 2MT Mining Products Pty Ltd

IPC Index

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E02F 9 /-

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn

2018201735 **ESCO Group LLC** (CQMS Pty Ltd)

Opposition under Section 104(4) - Lodged

2021103187 **Ampfiban Holdings Pty Ltd** (Ayonz Pty Limited)

Patents Granted

Standard Patents

2016319133 2016321349 2016363374 2016374580
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 2021290235 2021294405 2021307015 2021315737

Patents Granted

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2021346997 2021371339 2021409165 2022200102
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 2022201795 2022202047 2022202078 2022202466
 2022202628 2022202731 2022202823 2022202856
 2022203362 2022203539 2022204465 2022241596
 2022246376 2022256088 2022367006 2023200471
 2023201255 2023202189

Innovation Patents

2023100080

Revocation

It is hereby notified that the offer by the Patentee **F.Hoffmann-La Roche AG** to surrender Patent 2017241530 which was advertised in the Official Journal of 10.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2010212371 which was advertised in the Official Journal of 10.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2010256693 which was advertised in the Official Journal of 10.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2011201520 which was advertised in the Official Journal of 10.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2012205256 which was advertised in the Official Journal of 10.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2013201986 which was advertised in the Official Journal of 10.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2013203397 which was advertised in the Official Journal of 10.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2013308489 which was advertised in the Official Journal of 10.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

It is hereby notified that the offer by the Patentee **InterMune, Inc.** to surrender Patent 2014240300 which was advertised in the Official Journal of 10.08.2023 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2009246066 The University of Sydney The patent has been assigned to **Ferronova Pty Ltd**
 2009260182 EYEFI Pty Ltd The patent has been assigned to **EYEFI Group Technologies Inc.**
 2014209536 Gorbel, Inc. The patent has been assigned to **DIH Technology Inc.**
 2014213147 Seoul National University R & DB Foundation The patent has been assigned to **ImmunAbs Inc.**

Assignments Registered

2014283775 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Australia Pty Limited**

2014289638 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Australia Pty Limited**

2014350608 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Australia Pty Limited**

2015215266 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Australia Pty Limited**

2015234580 Tevosol, Inc. The patent has been assigned to **TransMedics, Inc.**

2015336862 Tevosol, Inc. The patent has been assigned to **TransMedics, Inc.**

2015361996 Tevosol, Inc. The patent has been assigned to **TransMedics, Inc.**

2016215284 Gorbel, Inc. The patent has been assigned to **DIH Technology Inc.**

2016248363 Phagelux, Inc. The patent has been assigned to **PRECISIO BIOTIX THERAPEUTICS, INC.**

2016263700 Phagelux, Inc. The patent has been assigned to **Precisio Biotix Therapeutics, Inc.**

2016289271 The University of Sydney The patent has been assigned to **Kinosis Therapeutics Pty Ltd**

2016299064 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Australia Pty Limited**

2016299439 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Australia Pty Limited**

2016335767 Biogen Chesapeake LLC The patent has been assigned to **Remedy Pharmaceuticals, Inc.**

2017274598 Tevosol, Inc. The patent has been assigned to **TransMedics, Inc.**

2017321810 Cyclerion Therapeutics, Inc. The patent has been assigned to **Tisento Therapeutics Inc.**

2017333180 Wu, Zhirong The patent has been assigned to **CHINA OFFSHORE ENGINEERING & TECHNOLOGY CO., LTD.**

2017358961 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Australia Pty Limited**

2018101308 AKS Industries Australia Pty Ltd The patent has been assigned to **ALL PURPOSE PUMPS HOLDINGS PTY LTD**

2018340867 The University of Sydney The patent has been assigned to **Kinosis Therapeutics Pty Ltd**

2018348907 Schenck Process Europe GmbH The patent has been assigned to **Schenck Process Australia Pty Limited**

2019202606 Seoul National University R & DB Foundation The patent has been assigned to **ImmunAbs Inc.**

2019209726 WU, Zhirong The patent has been assigned to **CHINA OFFSHORE ENGINEERING & TECHNOLOGY CO., LTD.**

2019317324 Wu, Zhirong The patent has been assigned to **CHINA OFFSHORE ENGINEERING & TECHNOLOGY CO., LTD.**

Assignments Registered

2020394767 Medshine Discovery Inc. The patent has been assigned to **D3 Bio (Wuxi) Co., Ltd.**

2020398022 Medshine Discovery Inc. The patent has been assigned to **D3 Bio (Wuxi) Co., Ltd.**

2021105680 Rotalin International Pty Ltd The patent has been assigned to **Ecopinch Pty Ltd**

2022211870 Rotalin International Pty Ltd The patent has been assigned to **Ecopinch Pty Ltd**

Licences Registered - Section 187, Reg. 19

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

2019259686 Shionogi & Co., Ltd. (Hoffman-La Roche Inc.; F. Hoffman-La Roche 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.

2017342022 **Array BioPharma Inc.**

The earliest first regulatory approval date provided by the patentee 03 Jul 2023

For the goods RETEVMO selpercatinib

Applications Accepted

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

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

2014223973 **Gilead Sciences, Inc.**

The earliest first regulatory approval date provided by the patentee 27 Mar 2023

For the goods SUNLENCA lenacapavir

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

2017312102 **Gilead Sciences, Inc.**

The earliest first regulatory approval date provided by the patentee 27 Mar 2023

For the goods SUNLENCA lenacapavir

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

2017342022 **Array BioPharma Inc.**

The earliest first regulatory approval date provided by the patentee 03 Jul 2023

For the goods RETEVMO selpercatinib

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

Corrigenda

In Vol 57 , No 37 , Page(s) 5415 under the heading **Applications Accepted - Name Index** Delete all reference to 2022202949.

Specifications Republished

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

2018438767	United Biopharma Inc
2020254817	PRC-DeSoto International, Inc.
2020308986	PRC-DeSoto International, Inc.
2021200242	Genzyme Corporation
2021368247	NOVARTIS AG
2021425528	BYHEALTH CO., LTD.
2021435063	IO BIOTECH APS
2022203182	Lumenis Ltd
2022223409	THERIPION, INC.
2022224198	MITSUBISHI TANABE PHARMA CORPORATION; PHARMA FOODS INTERNATIONAL CO., LTD.
2022224561	PROMETHEUS BIOSCIENCES, INC.; DR. FALK PHARMA GMBH
2022228093	Qualcomm Incorporated
2022232401	89BIO, INC.
2023203147	Ganzhou Chenguang Rare Earths New Material Co., Ltd.