



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

<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 14 March 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Uon Pty Ltd v Pacific Blue VIC Pty Ltd* [2024] APO 10**

Innovation Patent: 2021107655

Title: Control System

Patentee: Pacific Blue VIC Pty Ltd

Opponent: Uon Pty Ltd

Hearing Officer: Dr W.E. Guinea

Decision Date: 28 February 2024

Hearing Date: Written submissions completed 24 October 2023

Catchwords: **PATENTS** – opposition to innovation patent that has been certified s101M – opposed on the basis of innovative step, clarity, clear enough and complete enough disclosure, and support – opposition unsuccessful – split award of costs

Representation: Patent attorneys for the opponent: Armour IP
Patent attorney for the Patentee: Mann IP

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 14 March 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Clearview Towing Mirrors Pty Ltd v Shane Robert Miles [2024] APO 11

Patent Application: 2020281026

Title: Elevated storage apparatus for storing or moving items

Patent Applicant: Shane Robert Miles

Opponent: Clearview Towing Mirrors Pty Ltd

Delegate: M. Umehara

Decision Date: 5 March 2024

Hearing Date: Written submissions completed on 2 January 2024

Catchwords: **PATENTS** - Section 59 – opposition to grant of a patent – clarity, support and clear enough and complete enough disclosure – claims provide a workable standard and are clear – some claims lack novelty and inventive step – opposition successful – applicant given two months to propose amendments to overcome the issues – costs awarded

Representation: Patent attorney for the applicant: Ahearn Fox
Counsel for the opponent: S J Hallahan
Patent attorney for the opponent: Foundry Intellectual Property

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Caterpillar Inc.* [2024] APO 8**

Patent Application: 2018274895

Title: System and method for detection of load and dump locations

Patent Applicant: Caterpillar Inc.

Delegate: Dr A. Lim

Decision Date: 19 February 2024

Hearing Date: Written submissions filed on 22 November 2023

Catchwords: **PATENTS** – examiner objection – whether the invention is a manner of manufacture – substance of claimed invention is a scheme to identify load locations and dump locations at a worksite – alleged invention not a manner of manufacture – no patentable subject matter identified in the specification – application refused

Representation: Patent attorney for the applicant: FPA Patent Attorneys Pty Ltd

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 27 Feb 2024 .

(71) A.C.N. 621 622 839 PTY. LTD. (21) 2024900508 (22) 28.02.2024 (54) HYDROELECTRIC GENERATION METHOD AND SYSTEM	(71) Bormann, B. (21) 2024900563 (22) 04.03.2024 (54) process and manufacture of clip in C channel flashing	(71) Dolanto Pty LTD (21) 2024900579 (22) 05.03.2024 (54) StandAligner and ISO Spectrum Assessor: AI-Driven Compliance Management Tools
(71) A ALLAN, J. (21) 2024900571 (22) 05.03.2024 (54) Dating service for Seniors	(71) Carbelec Pty Ltd (21) 2024900576 (22) 05.03.2024 (54) ELECTROLYSIS OF CARBON DIOXIDE	(71) Earthtrack Group Pty Ltd (21) 2024900505 (22) 28.02.2024 (54) HYDROGEN POWER SYSTEM FOR A LIGHTING TOWER
(71) AgResearch Limited (21) 2024900554 (22) 04.03.2024 (54) Food Products and Methods of Manufacturing Same	(71) Carden, B. (21) 2024900532 (22) 29.02.2024 (54) Improved Therapeutic Devices	(71) Endless Road Holdings Pty Ltd (21) 2024900516 (22) 29.02.2024 (54) Ball launching apparatus and associated method
(71) Alexandrino, E. (21) 2024900564 (22) 05.03.2024 (54) Space efficient seating arrangement	Chamsine, M. see Rabahi, M. (21) 2024900502	(71) Enzide Technologies Ltd (21) 2024900545 (22) 01.03.2024 (54) Novel Thermostable Enzymes and Use in Manufacturing
(71) Alterca Investments Pty Ltd (21) 2024900521 (22) 29.02.2024 (54) SHAFT ALIGNMENT DEVICE AND METHOD	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900574 (22) 05.03.2024 (54) Vegetation coverage estimation	(71) Enzide Technologies Ltd (21) 2024900546 (22) 01.03.2024 (54) Novel Thermostable Enzymes and Use in Degradation
(71) Ausco Modular Pty Limited (21) 2024900529 (22) 29.02.2024 (54) Construction of Building Structures Including Weatherproofed Boundaries Therein	(71) Coremax Limited (21) 2024900555 (22) 04.03.2024 (54) IMPROVEMENTS IN AND RELATING TO UP-HOLE CORE SAMPLE DRILLING	(71) Enzide Technologies Ltd (21) 2024900547 (22) 01.03.2024 (54) Novel Thermostable Enzymes and Use as Coatings and Laminates
(71) Aussan Laboratories Pty Ltd (21) 2024900527 (22) 29.02.2024 (54) MILK TREATMENT FORMULATION AND METHOD	(71) Darcan Technology Holdings Pty Ltd (21) 2024900520 (22) 29.02.2024 (54) A SHEET MATERIAL AND METHOD FOR FORMING A SHEET MATERIAL	(71) Enzide Technologies Ltd (21) 2024900548 (22) 01.03.2024 (54) Novel Thermostable Enzymes and Use in Recycling
(71) Australian National University (21) 2024900533 (22) 01.03.2024 (54) Antimicrobial polymers and compositions comprising the same	(71) Davis, B. (21) 2024900514 (22) 29.02.2024 (54) A therapeutic device for mitigating deep vein thrombosis	(71) Fenwick, A. (21) 2024900534 (22) 01.03.2024 (54) Improved Recreational Apparatus

Provisional Applications Filed - Name Index cont'd

(71) Ferrari, P.
(21) 2024900504 (22) 28.02.2024
(54) Fence, netting, chain mesh and shade cloth tension straining system

(71) Fertilis Pty Ltd
(21) 2024900509 (22) 28.02.2024
(54) Micromanipulation Devices and Systems

(71) Fertilis Pty Ltd
(21) 2024900510 (22) 28.02.2024
(54) Cellular Visualisation and Analysis

(71) Filmer, A.O.
(21) 2024900507 (22) 28.02.2024
(54) Method of precipitating magnesium carbonate

(71) Fortescue Ltd
(21) 2024900556 (22) 04.03.2024
(54) Train unloading system

(71) Fred IT Group Pty Ltd
(21) 2024900535 (22) 01.03.2024
(54) SYSTEMS AND METHODS FOR TRACKING THE FILLING OF PRESCRIPTIONS

(71) Giant Flowers Australia
(21) 2024900580 (22) 06.03.2024
(54) HIGH-EFFICIENCY CENTRIFUGAL GROUND PUMP

(71) Giraud, A.; Heske, J.
(21) 2024900565 (22) 05.03.2024
(54) Rolling paper product

(71) Goki Pty Ltd
(21) 2024900501 (22) 28.02.2024
(54) Upgrading locks

(71) Goudar, R.H.
(21) 2024900500 (22) 28.02.2024
(54) Smart Fan with Weight and Touch Sensor for Suicide Prevention: an Approach for saving Man Kind

(71) Grey 4 Blue Innovations Pty Ltd
(21) 2024900530 (22) 29.02.2024
(54) A GROWTH ASSEMBLY FOR GROWING MARINE ORGANISMS

(71) Griffiths, L.
(21) 2024900552 (22) 04.03.2024
(54) An ergonomically improved fish skinning knife

(71) Gryphon Capital Pty Ltd
(21) 2024900537 (22) 01.03.2024
(54) CONTAMINATION INDICATOR

(71) GUPPY, R.
(21) 2024900519 (22) 29.02.2024
(54) A LIGHTING APPARATUS, SYSTEM AND METHOD FOR TRANSPORT VEHICLES

(71) HE, G.
(21) 2024900512 (22) 28.02.2024
(54) A comprehensive cabinet integrating washing, drying and ironing functions

Heske, J. see Giraud, A.
(21) 2024900565

(71) I D & E Pty Ltd
(21) 2024900553 (22) 04.03.2024
(54) INJECTION DEVICE

(71) Imdex Technologies Pty Ltd
(21) 2024900513 (22) 29.02.2024
(54) Methods and systems for locating a borehole collar

(71) JOLLY GOOD VENTURES PTY LTD
(21) 2024900567 (22) 05.03.2024
(54) IMPROVED PREPACKAGED BEVERAGE CONTAINER

(71) JOLLY GOOD VENTURES PTY LTD
(21) 2024900568 (22) 05.03.2024
(54) IMPROVED BEVERAGE CONTAINERS

(71) Knowledge Orchestrator Pty Ltd
(21) 2024900582 (22) 06.03.2024
(54) Pre-Enhanced Generation (PEG): an efficient and reliable process for generating management analytics through language models

(71) KOLLASCH, S.
(21) 2024900543 (22) 01.03.2024
(54) A SUPPORT

(71) Koru Diagnostics Limited
(21) 2024900581 (22) 06.03.2024
(54) Therapeutic And Prophylactic Agents and Related Compositions And Methods

(71) LAO, W.
(21) 2024900540 (22) 01.03.2024
(54) CONTAINER

(71) La Trobe University
(21) 2024900570 (22) 05.03.2024
(54) Chemical probes for unfolded, misfolded or intrinsically disordered proteins

(71) Le, A.T.A.
(21) 2024900542 (22) 01.03.2024
(54) Composition and method for the treatment of selected dermatological conditions

(71) Le, A.T.A.
(21) 2024900544 (22) 01.03.2024
(54) Composition for the treatment of skin conditions such as eczema

(71) LiChem LLC
(21) 2024900539 (22) 01.03.2024
(54) Decomposition Reactor

(71) Lyndons IP Pty Ltd
(21) 2024900525 (22) 29.02.2024
(54) A Method for the Formation of a Hydration Product

(71) Marine Stainless & Alloy Solutions
(21) 2024900572 (22) 05.03.2024
(54) Watercraft Lifting and Stowing Device

(71) MICROBA IP PTY LTD
(21) 2024900531 (22) 29.02.2024
(54) SIMULTANEOUS PATHOGEN DETECTION METHODS AND SYSTEMS

(71) MicroFleet Pty Ltd
(21) 2024900523 (22) 29.02.2024
(54) Charging micromobility vehicles

(71) Moroz Technologies Pty Ltd
(21) 2024900506 (22) 28.02.2024
(54) SYSTEM AND METHOD FOR SELECTIVE PARTICLE EXTRACTION AND RELATED SYSTEM AND METHOD OF HAEMODIALYSIS

(71) NEWSOUTH INNOVATIONS PTY LIMITED
(21) 2024900503 (22) 28.02.2024
(54) Delay-doppler based channel estimation method and apparatus

(71) NGB Innovation Pty Ltd
(21) 2024900558 (22) 04.03.2024
(54) Methods and systems for separating biomolecules

(71) Pamamull, S.
(21) 2024900549 (22) 01.03.2024
(54) Gymstar (A Fitness - Centric Social Media Platform)

Provisional Applications Filed - Name Index cont'd

(71) Patel, H.R.
 (21) 2024900517 (22) 29.02.2024
 (54) subscription business model for standalone rechargeable battery

(71) Paul Edward Clancy Enterprises Pty Ltd
 (21) 2024900524 (22) 29.02.2024
 (54) Toilet seat with urine shield

(71) Pilon, M.
 (21) 2024900541 (22) 01.03.2024
 (54) Retractable line buoy

(71) Pyrochar Pty Ltd
 (21) 2024900522 (22) 29.02.2024
 (54) Improved Biochar production method

(71) Rabahi, M.; Chamsine, M.
 (21) 2024900502 (22) 28.02.2024
 (54) A system for electronically detecting available mates in visual proximity

(71) REZICAST SOLUTIONS PTY LTD
 (21) 2024900515 (22) 29.02.2024
 (54) CONSTRUCTION OF A BUILDING USING PRECAST PANELS

(71) Rosenthal, C.
 (21) 2024900573 (22) 05.03.2024
 (54) A water bottle sleeve to hold your items.

(71) Scolaro, A.
 (21) 2024900511 (22) 28.02.2024
 (54) A Power Drive

(71) SCOTT, B.
 (21) 2024900569 (22) 05.03.2024
 (54) A METHOD OF PRODUCING A GREEN-CERTIFIED POLYMER MATERIAL THAT CAN BE MOULDED AND FURTHER RECYCLED AND SUCH A MATERIAL

(71) SeeTreat Pty Ltd
 (21) 2024900578 (22) 05.03.2024
 (54) AUTOMATED CLINICAL DECISION SUPPORT METHOD AND SYSTEM FOR TREATMENT RE-PLANNING

(71) SELENO HEALTH LTD; Storkey, C.
 (21) 2024900538 (22) 01.03.2024
 (54) Maca extract and preparation thereof

(71) SHELL, G.
 (21) 2024900577 (22) 05.03.2024
 (54) MECHANICAL VEGETATION EXTRACTION DEVICE

(71) Sotiropoulos, J.
 (21) 2024900550 (22) 03.03.2024
 (54) SheTasker - Task Outsourcing Gig Platform for Women by Women

(71) Stem-Sky Pty Ltd
 (21) 2024900566 (22) 05.03.2024
 (54) Plant growing units

Storkey, C. see SELENO HEALTH LTD
 (21) 2024900538

(71) The University of Melbourne
 (21) 2024900557 (22) 04.03.2024
 (54) Nanoparticles and uses thereof

(71) The Walter and Eliza Hall Institute of Medical Research
 (21) 2024900559 (22) 04.03.2024
 (54) Compounds for the treatment of viruses

(71) Tribe Technology Pty Ltd
 (21) 2024900575 (22) 05.03.2024
 (54) A Purging System and A Method for Using Same

(71) Tumata, B.
 (21) 2024900551 (22) 04.03.2024
 (54) TENT ELEMENTS, STRUCTURES AND FRAMES

(71) TxRx Technologies Pty Ltd
 (21) 2024900560 (22) 04.03.2024
 (54) A SECURING DEVICE AND A SYSTEM

(71) Voltex Electrical Accessories Pty Ltd
 (21) 2024900561 (22) 04.03.2024
 (54) ELECTRICAL CONNECTOR

(71) Voltrex Pty Ltd
 (21) 2024900536 (22) 01.03.2024
 (54) Circuit Testing Apparatus

(71) Whalin, A.
 (21) 2024900518 (22) 29.02.2024
 (54) A MOUNTING DEVICE FOR A TOOL

(71) Williams, P.
 (21) 2024900562 (22) 04.03.2024
 (54) AN ASSEMBLY FOR POSITIONING A BODY ON A TOILET

(71) Xero Limited
 (21) 2024900526 (22) 29.02.2024
 (54) Apparatus, program, and computer-implemented method for automated processing of natural language instructions

(71) Xero Limited
 (21) 2024900528 (22) 29.02.2024
 (54) Computer Implemented Method, Program, and Apparatus for Automated Selection and Triggering of Content Processing Functions

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2024900557	The University of Melbourne		
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2024900564	Alexandrino, E.		
2024900565	Girauda, A.; Heske, J.		
2024900566	Stem-Sky Pty Ltd		
2024900567	JOLLY GOOD VENTURES PTY LTD		

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Applications listed below were processed through the Patent Office Canberra during the period ending 27 Feb 2024 .

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

<hr/> <p>(71) 80 Acres Urban Agriculture Inc. (21) 2024201360 (22) 29.02.2024 (54) System and method for controlling in-door farms remotely and user interface for same</p> <hr/> <p>(71) Acres Technology (21) 2024201338 (22) 28.02.2024 (54) System for Processing Gaming Activity</p> <hr/> <p>(71) Adobe Inc. (21) 2024201342 (22) 29.02.2024 (54) GENERATING AND IMPLEMENTING SEMANTIC HISTORIES FOR EDITING DIGITAL IMAGES</p> <hr/> <p>(71) Adobe Inc. (21) 2024201343 (22) 29.02.2024 (54) IMPLEMENTING GRAPHICAL USER INTERFACES FOR VIEWING AND INTERACTING WITH SEMANTIC HISTORIES FOR EDITING DIGITAL IMAGES</p> <hr/> <p>(71) Adobe Inc. (21) 2024201423 (22) 04.03.2024 (54) MODIFYING DIGITAL IMAGES USING COMBINATIONS OF DIRECT INTERACTIONS WITH THE DIGITAL IMAGES AND CONTEXT-INFORMING SPEECH INPUT</p> <hr/> <p>(71) Adobe Inc. (21) 2024201424 (22) 04.03.2024 (54) ABSTRACT BACKGROUND GENERATION</p> <hr/> <p>(71) ADS Therapeutics LLC (21) 2024201466 (22) 06.03.2024 (54) ANTIBODY-DRUG SYNERGISM TECHNOLOGY FOR TREATING DISEASES</p> <hr/> <p>(71) AdvanSix Resins & Chemicals LLC (21) 2024201442 (22) 05.03.2024 (54) Surfactants for oil and gas production</p> <hr/> <p>(71) American Gene Technologies International Inc. (21) 2024201392 (22) 01.03.2024</p>	<p>(54) HIV immunotherapy with no pre-immunization step</p> <hr/> <p>(71) Amgen Inc. (21) 2024201349 (22) 29.02.2024 (54) RNAi constructs for inhibiting ASGR1 expression and methods of use thereof</p> <hr/> <p>(71) AMO Groningen B.V. (21) 2024201335 (22) 28.02.2024 (54) Diffractive lenses and related intraocular lenses for presbyopia treatment</p> <hr/> <p>(71) Amryt Endo, Inc. (21) 2024201385 (22) 01.03.2024 (54) Oral octreotide for the treatment of disease</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024201387 (22) 01.03.2024 (54) FRAUD DETECTION SYSTEM IN CASINO</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024201388 (22) 01.03.2024 (54) FRAUD DETECTION SYSTEM IN CASINO</p> <hr/> <p>(71) Apellis Pharmaceuticals, Inc. (21) 2024201445 (22) 05.03.2024 (54) Dosing regimens and related compositions and methods</p> <hr/> <p>(71) Apple Inc. (21) 2024201391 (22) 01.03.2024 (54) Spatial management of audio</p> <hr/> <p>(71) Aqua Yield Operations, Inc. (21) 2024201386 (22) 01.03.2024 (54) Incorporation of wetting agent with granular fertilizers for enhancing fertilizer dispersion and plant uptake</p> <hr/> <p>(71) ARGO COMPUTING SERVICES PTY LTD (21) 2024201405 (22) 01.03.2024 (54) Beach Weights</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Ltd (21) 2024201380 (22) 01.03.2024</p>	<p>(54) ELECTRONIC GAMING DEVICE WITH FIELD REPLACEABLE MODULAR DISPLAY PANEL</p> <hr/> <p>(71) Arvinas Operations, Inc. (21) 2024201437 (22) 05.03.2024 (54) TETRAHYDRONAPHTHALENE AND TETRAHYDROISOQUINOLINE DERIVATIVES AS ESTROGEN RECEPTOR DEGRADERS</p> <hr/> <p>(71) Assa Abloy AB (21) 2024201350 (22) 29.02.2024 (54) Physical access control systems with localization-based intent detection</p> <hr/> <p>(71) Aurelius Biotherapeutics, LLC (21) 2024201476 (22) 06.03.2024 (54) Cell therapy compositions and methods of use thereof</p> <hr/> <p>(71) Aurigene Oncology Limited (21) 2024201411 (22) 04.03.2024 (54) 1,2,4-oxadiazole compounds as inhibitors of CD47 signalling pathways</p> <hr/> <p>(71) Ausco Modular Pty Limited (21) 2024201374 (22) 29.02.2024 (54) Provision of waterproofing and sheltering in modular buildings</p> <hr/> <p>(71) Avery Dennison Retail Information Services LLC (21) 2024201469 (22) 06.03.2024 (54) Integration of RFID technology into management of products</p> <hr/> <p>(71) B.BOX FOR KIDS DEVELOPMENTS PTY LTD (21) 2024201403 (22) 01.03.2024 (54) A CONTAINER LID AND A CONTAINER HAVING A CONTAINER LID</p> <hr/> <p>(71) Beforepay IP Pty Ltd (21) 2024201363 (22) 29.02.2024 (54) Artificially intelligent risk assessment platform</p> <hr/> <p>(71) BERTEKS TEKSTİL SANAYİ VE TİCARET ANONİM ŞİRKETİ (21) 2024201365 (22) 29.02.2024 (54) WOVEN VERTICAL CURTAIN FABRIC</p>
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(71) BIODOCCLE, LLC (21) 2024201474 (22) 06.03.2024 (54) COSMECEUTICAL COMPOSITION	(54) Formulations for enteric delivery of therapeutic agents	(54) Compositions and methods for the treatment of skin lesions
(71) BYD Company Limited (21) 2024201421 (22) 04.03.2024 (54) Vehicle-mounted power supply apparatus and vehicle having same	(71) D3 Bio(Wuxi) Co., Ltd (21) 2024201366 (22) 29.02.2024 (54) Pyrimidoheterocyclic Compounds And Application Thereof	(71) Google LLC (21) 2024201361 (22) 29.02.2024 (54) PROCESSING IMAGES USING SELF-ATTENTION BASED NEURAL NETWORKS
(71) CareFusion 303, Inc. (21) 2024201384 (22) 01.03.2024 (54) Needleless connector with support member	(71) Dart Industries Inc. (21) 2024201430 (22) 05.03.2024 (54) COMPRESSION SEAL CONTAINER WITH WINDOW	(71) Google LLC (21) 2024201412 (22) 04.03.2024 (54) DENOISING QUBIT CALIBRATION DATA WITH DEEP LEARNING
(71) Carpe Astra Pty Ltd (21) 2024201422 (22) 04.03.2024 (54) Wave Energy Device	(71) DePuy Ireland Unlimited Company (21) 2024201348 (22) 29.02.2024 (54) Femoral trialling kit and assembly	(71) Gutmann, P. (21) 2024201407 (22) 02.03.2024 (54) CAST-IN SOFFIT CONNECTOR RAIL
(71) Caterpillar Underground Mining Pty. Ltd. (21) 2024201330 (22) 28.02.2024 (54) OPERATOR CAB FOR UNDERGROUND MINING MACHINES WITH UTILITY COMPARTMENT	(71) Diehl Defence GmbH & Co. KG (21) 2024201419 (22) 04.03.2024 (54) Sight for a HPEM effector	(71) H. Lundbeck A/S (21) 2024201450 (22) 05.03.2024 (54) Antibodies specific for hyperphosphorylated tau and methods of use thereof
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(71) Chugai Seiyaku Kabushiki Kaisha (21) 2024201439 (22) 05.03.2024 (54) ANTIBODIES COMPRISING AN ION CONCENTRATION DEPENDENT ANTIGEN-BINDING DOMAIN, FC REGION VARIANTS, IL-8-BINDING ANTIBODIES, AND USES THEREOF	(71) Enable Injections, Inc. (21) 2024201451 (22) 05.03.2024 (54) HAND-HELD FLUID TRANSFER DEVICE AND SYSTEM	(71) Hanes Innerwear Australia Pty Ltd (21) 2024201453 (22) 05.03.2024 (54) Protective pad or garment portion
(71) CMR Surgical Limited (21) 2024201458 (22) 05.03.2024 (54) Controlling movement of a surgical robot arm	(71) Endo Ventures Limited (21) 2024201429 (22) 04.03.2024 (54) APPARATUS AND METHOD FOR ASSESSING AND TREATING CELLULITE	(71) Harsco Technologies LLC (21) 2024201356 (22) 29.02.2024 (54) TRACK GEOMETRY MEASUREMENT SYSTEM WITH INERTIAL MEASUREMENT
(71) COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD (21) 2024201354 (22) 29.02.2024 (54) Anchor Assembly for Fastener	(71) Fisher & Paykel Healthcare Limited (21) 2024201383 (22) 01.03.2024 (54) HIGH FREQUENCY WELDING FOR HEADGEAR	(71) HDR SG PTE. LTD. (21) 2024201446 (22) 05.03.2024 (54) Systems and methods for mobile digital currency future exchange
(71) Colebrook Bosson & Saunders (Products) Limited (21) 2024201341 (22) 29.02.2024 (54) ACCESSORY SUPPORT BRACKET	(71) Fisher & Paykel Healthcare Limited (21) 2024201393 (22) 01.03.2024 (54) APPARATUS FOR USE IN A RESPIRATORY SUPPORT SYSTEM	(71) Hensley Industries, Inc. (21) 2024201369 (22) 29.02.2024 (54) Bucket lip stabilizer structure
(71) CSR Building Products Limited (21) 2024201452 (22) 05.03.2024 (54) VENTILATOR BEARING SEAL	(71) Forouzandeh, H. (21) 2024201417 (22) 04.03.2024 (54) Collapsible Container	(71) Hitachi, Ltd. (21) 2024201401 (22) 01.03.2024 (54) Vehicle operation planning assistance apparatus and vehicle operation planning assistance method
(71) Curirx Inc. (21) 2024201438 (22) 05.03.2024	(71) Fullthom Pty Ltd (21) 2024201331 (22) 28.02.2024 (54) COMPOSITE MATERIAL AND METHOD	(71) HOWMEDICA OSTEONICS CORP. (21) 2024201468 (22) 06.03.2024 (54) UNIVERSAL INSERT-BASEPLATE INTERFACE AND INSERT FOR
	(71) Glazer, S.D. (21) 2024201396 (22) 01.03.2024	

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(71) Huawei Technologies Co., Ltd.
(21) 2024201345 (22) 29.02.2024
(54) METHOD AND APPARATUS FOR INTRA SMOOTHING

(71) Huawei Technologies Co., Ltd.
(21) 2024201346 (22) 29.02.2024
(54) AN ENCODER, A DECODER, AND CORRESPONDING METHODS THAT ARE USED FOR TRANSFORM PROCESS

(71) Huawei Technologies Co., Ltd.
(21) 2024201357 (22) 29.02.2024
(54) PICTURE PREDICTION METHOD AND APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM

(71) Hummingbird Solutions Inc.
(21) 2024201420 (22) 04.03.2024
(54) METHOD AND SYSTEM FOR CALCULATING THE MASS OF MATERIAL IN AN EXCAVATING MACHINE BUCKET

(71) Illumina, Inc.
(21) 2024201334 (22) 28.02.2024
(54) Spatial Mapping of Nucleic Acid Sequence Information

(71) Illumina, Inc.
(21) 2024201471 (22) 06.03.2024
(54) Sequence-Detection System

(71) Incarda Therapeutics, Inc.
(21) 2024201359 (22) 29.02.2024
(54) ANTIARRHYTHMIC FORMULATION

(71) Integrated DNA Technologies, Inc.
(21) 2024201449 (22) 05.03.2024
(54) Novel mutations that enhance the DNA cleavage activity of acidaminococcus sp. CPF1

(71) Intellia Therapeutics, Inc.
(21) 2024201464 (22) 06.03.2024
(54) Compositions and methods for treating alpha-1 antitrypsin deficiency

(71) Intuit Inc.
(21) 2024201353 (22) 29.02.2024
(54) Brand engine for extracting and presenting brand data with user interfaces

(71) Jemella Limited
(21) 2024201467 (22) 06.03.2024

(54) Apparatus and method for drying hair

(71) JJ-Lurgi Engineering Equipment (Shanghai) Co. Ltd
(21) 2024201390 (22) 01.03.2024
(54) A VE Enrichment System

(71) JPL Global, LLC
(21) 2024201428 (22) 04.03.2024
(54) ROTATABLE FILTER SYSTEM AND METHODOLOGY

(71) Kabushiki Kaisha Toshiba
(21) 2024201352 (22) 29.02.2024
(54) Electrochemical reaction device and method of operating electrochemical reaction device

(71) Kabushiki Kaisha Toshiba
(21) 2024201433 (22) 05.03.2024
(54) Electrolysis device, electrolysis system, and method of operating electrolysis device

(71) Kabushiki Kaisha Toshiba
(21) 2024201443 (22) 05.03.2024
(54) Carbon dioxide electrolytic device and method of electrolyzing carbon dioxide

(71) Kabushiki Kaisha Toshiba
(21) 2024201447 (22) 05.03.2024
(54) Electrochemical reaction device and method of operating electrochemical reaction device

(71) Kabushiki Kaisha Toshiba
(21) 2024201448 (22) 05.03.2024
(54) Electrolysis device

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(21) 2024201376

(71) KOREA ZINC CO., LTD.; KEMCO
(21) 2024201376 (22) 29.02.2024
(54) METHOD FOR PRODUCING AQUEOUS SOLUTION CONTAINING NICKEL OR COBALT

(71) Koukharenkov, I.
(21) 2024201377 (22) 29.02.2024
(54) DIY power gateway. Power Gateway for low-voltage devices with smart management.

(71) L'Ecuyer, G.
(21) 2024201379 (22) 01.03.2024
(54) Grill with stove attachment device

(71) LanzaTech, Inc.
(21) 2024201435 (22) 05.03.2024
(54) Microorganisms and methods for the biological production of ethylene glycol

(71) Leica Geosystems Technology A/S
(21) 2024201333 (22) 28.02.2024
(54) SENSOR CHAIN FUSION ALGORITHM

(71) LG Electronics Inc.
(21) 2024201367 (22) 29.02.2024
(54) Refrigerator

(71) LG Electronics Inc.
(21) 2024201368 (22) 29.02.2024
(54) METHOD AND DEVICE FOR IMAGE CODING USING MOTION VECTOR DIFFERENCES

(71) LG Electronics Inc.
(21) 2024201418 (22) 04.03.2024
(54) Refrigerator

(71) LG Electronics Inc.
(21) 2024201463 (22) 06.03.2024
(54) IMAGE ENCODING/DECODING METHOD AND APPARATUS FOR PERFORMING PREDICTION ON BASIS OF RECONFIGURED PREDICTION MODE TYPE OF LEAF NODE, AND BITSTREAM TRANSMISSION METHOD

(71) Magic Leap, Inc.
(21) 2024201457 (22) 05.03.2024
(54) Eyepiece for virtual, augmented, or mixed reality systems

(71) Maidment, C.
(21) 2024201410 (22) 03.03.2024
(54) Time Diamond Non-fungible Time Accumulation Token

Masco Corporation see The Regents of the University of Michigan
(21) 2024201413

(71) MasterCard International Incorporated
(21) 2024201398 (22) 01.03.2024
(54) Systems and methods for recommending merchants

McKelvey, S.R. see McKelvey, S.
(21) 2024201340

(71) McKelvey, S.; McKelvey, S.R.
(21) 2024201340 (22) 29.02.2024
(54) LUGGAGE SYSTEM WITH CLOTHING RACK AND METHOD OF USE

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(71) Merck Sharp & Dohme LLC (21) 2024201470 (22) 06.03.2024 (54) Pneumococcal polysaccharides and their use in immunogenic polysaccharide-carrier protein conjugates	(71) President and Fellows of Harvard College (21) 2024201441 (22) 05.03.2024 (54) RNA-guided human genome engineering	(54) Ember resistant guttering system
(71) Merck Sharp & Dohme LLC (21) 2024201479 (22) 06.03.2024 (54) Pneumococcal polysaccharides and their use in immunogenic polysaccharide-carrier protein conjugates	(71) Primewan Limited (21) 2024201415 (22) 04.03.2024 (54) DEVICE, METHOD, AND SYSTEM THAT VIRTUALIZE A NETWORK	(71) Rubicon Biotechnology LLC (21) 2024201373 (22) 29.02.2024 (54) Modified heat shock proteins
(71) MORIMOTO, N. (21) 2024201364 (22) 29.02.2024 (54) An apparatus and a method for controlling ventilation in a building and generating electricity	(71) PROJECT 125 PTY LTD (21) 2024201329 (22) 28.02.2024 (54) Integrated Multimedia Message and Dynamic QR Code Generation System for Personalized Memoirs	(71) Russell, T.E. (21) 2024201336 (22) 28.02.2024 (54) Metallurgical steel post design for solar farm foundations and increased guard-rail durability
(71) Morphic Therapeutic, Inc. (21) 2024201414 (22) 04.03.2024 (54) Inhibitors of (alpha-v)(beta-6) integrin	(71) Pure Fishing, Inc. (21) 2024201394 (22) 01.03.2024 (54) Triple lever drag system	(71) Sage Products, LLC (21) 2024201436 (22) 05.03.2024 (54) Patient positioning and support system
(71) National Institute of Biological Sciences, Beijing (21) 2024201372 (22) 29.02.2024 (54) DRUG TARGET OF IDIOPATHIC PULMONARY FIBROSIS	(71) Pure Fishing, Inc. (21) 2024201395 (22) 01.03.2024 (54) Line clip for fishing reel	(71) Sage Products LLC (21) 2024201460 (22) 06.03.2024 (54) Devices and systems for urine collection
(71) National University Corporation Tottori University; Yamaguchi University (21) 2024201332 (22) 28.02.2024 (54) ENHANCER FOR T-CELLS OR B-CELLS HAVING MEMORY FUNCTION, MALIGNANT TUMOR RECURRENCE INHIBITOR, AND INDUCER FOR INDUCING MEMORY FUNCTION IN T-CELLS OR B-CELLS	(71) QJumpers Technologies Limited (21) 2024201408 (22) 03.03.2024 (54) A Machine Learning System and Process for Categorising Job Candidates	(71) Sage Therapeutics, Inc. (21) 2024201459 (22) 05.03.2024 (54) Compositions and methods for treating CNS disorders
(71) NAVICO, INC. (21) 2024201382 (22) 01.03.2024 (54) SYSTEMS AND METHODS FOR WATERCRAFT STABILIZATION	(71) Ramachandran, A.; Syed, A. (21) 2024201425 (22) 04.03.2024 (54) STABILISATION MEDIUM FOR EXTENDING TEMPORAL VIABILITY OF HUMAN SEMEN	(71) Salts Healthcare Limited (21) 2024201454 (22) 05.03.2024 (54) An ostomy appliance
(71) Personal Genomics Taiwan, Inc. (21) 2024201404 (22) 01.03.2024 (54) METHOD, KIT AND CARTRIDGE FOR DETECTING NUCLEIC ACID MOLECULE	(71) Ramachandran, A.; Zaidi, S.B. (21) 2024201426 (22) 04.03.2024 (54) DUAL-VIAL SYSTEM AND METHOD FOR PRESERVATION OF SEMEN SAMPLES IN MAIL-IN SEMEN ANALYSIS KITS	(71) Salts Healthcare Limited (21) 2024201455 (22) 05.03.2024 (54) An ostomy appliance
(71) Polytone Laser Inc. (21) 2024201389 (22) 01.03.2024 (54) NON-INVASIVE, DYNAMIC, MULTI-WAVELENGTH, MULTI-NODE PHOTOBIMODULATION THERAPY METHODS AND SYSTEMS FOR TREATMENT OF COMPLEX DISEASES	(71) Relativity Space, Inc. (21) 2024201409 (22) 03.03.2024 (54) Systems and Methods for Welding Using Cryogenic Sources	(71) Salts Healthcare Limited (21) 2024201456 (22) 05.03.2024 (54) An ostomy appliance
(71) Rose, C. (21) 2024201434 (22) 05.03.2024	(71) Riverlands Hemp Pty Ltd (21) 2024201472 (22) 06.03.2024 (54) Method of Producing a Fence Component and a Fence Component Formed by the Method	(71) Scott, A. (21) 2024201400 (22) 01.03.2024 (54) A CRIMPING TOOL
	(71) Rollease Acmeda, Inc. (21) 2024201344 (22) 29.02.2024 (54) Tensioning device for a roller blind	(71) Seminis Vegetable Seeds, Inc. (21) 2024201347 (22) 29.02.2024 (54) Pepper hybrid SVPB2713 and parents thereof
		(71) Sensile Medical AG (21) 2024201371 (22) 29.02.2024 (54) MICROPUMP WITH CAM MECHANISM FOR AXIAL DISPLACEMENT OF ROTOR
		(71) Sightline Payments LLC (21) 2024201337 (22) 28.02.2024 (54) Systems and methods for administration and tracking of non-wagering account associated with gaming environment

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(71) SKF Lubrication Systems Germany GmbH
 (21) 2024201339 (22) 29.02.2024
 (54) CONTROL BLOCK FOR A LUBRICATION SYSTEM, AND A LUBRICATION SYSTEM

(71) Snap-on Incorporated
 (21) 2024201378 (22) 01.03.2024
 (54) Soft-faced dead blow hammer

(71) Snap-on Incorporated
 (21) 2024201440 (22) 05.03.2024
 (54) Ratchet flex joint locking mechanism

(71) Spray Nozzle Engineering Pty Ltd
 (21) 2024201473 (22) 06.03.2024
 (54) High Pressure Spray Nozzle Assembly

(71) Stryker Corporation
 (21) 2024201432 (22) 05.03.2024
 (54) Method of cleaning bone stock

(71) Stryker Corporation
 (21) 2024201462 (22) 06.03.2024
 (54) Manifold for medical waste collection device

Syed, A. see Ramachandran, A.
 (21) 2024201425

(71) Syngenta Participations AG
 (21) 2024201406 (22) 01.03.2024
 (54) SIMULTANEOUS GENE EDITING AND HAPLOID INDUCTION

(71) Tenfold Technologies, LLC
 (21) 2024201475 (22) 06.03.2024
 (54) Methods and agricultural compositions for preventing or controlling plant diseases

(71) The Board of Trustees of the Leland Stanford Junior University
 (21) 2024201370 (22) 29.02.2024
 (54) IMMOLATIVE CELL-PENETRATING COMPLEXES FOR NUCLEIC ACID DELIVERY

(71) The Boeing Company
 (21) 2024201362 (22) 29.02.2024
 (54) Systems and methods for remotely inspecting aircraft

(71) The Regents of the University of Michigan; Masco Corporation
 (21) 2024201413 (22) 04.03.2024

(54) MULTI-FUNCTIONAL WATER QUALITY SENSOR

(71) TMA Capital Australia Pty Ltd
 (21) 2024201381 (22) 01.03.2024
 (54) System, method and computer program for an access control system

(71) Tosoh Corporation
 (21) 2024201375 (22) 29.02.2024
 (54) Light Scattering Detectors And Sample Cells For The Same

(71) Trinh, D.
 (21) 2024201397 (22) 01.03.2024
 (54) Cork Foot Insole with Triple Arch Trigger Point System

(71) Tritana Intellectual Property Ltd.
 (21) 2024201444 (22) 05.03.2024
 (54) WEED SEED DESTRUCTION

(71) Ultima Genomics, Inc.
 (21) 2024201351 (22) 29.02.2024
 (54) METHODS AND SYSTEMS FOR ANALYTE DETECTION AND ANALYSIS

(71) Warren, R.C.
 (21) 2024201402 (22) 01.03.2024
 (54) Systems and methods for generating personalized wager opportunities based on a fantasy sports contest

(71) Winchester Global Pty Ltd
 (21) 2024201355 (22) 29.02.2024
 (54) BYPASS AND FULL FLOW COMBINATION FILTER

(71) Wix.com Ltd.
 (21) 2024201328 (22) 28.02.2024
 (54) Device, system, and method of website building by utilizing data lists

(71) Wright, J.
 (21) 2024201358 (22) 29.02.2024
 (54) Footing Plate Assembly

Yamaguchi University see National University Corporation Tottori University
 (21) 2024201332

(71) Yohana LLC
 (21) 2024201427 (22) 04.03.2024
 (54) Automated tagging and management of chat stream messages

Zaidi, S.B. see Ramachandran, A.
 (21) 2024201426

(71) Zimmer, Inc.; Celestica Valencia, S.A.U.
 (21) 2024201431 (22) 05.03.2024
 (54) CHUCK SYSTEM FOR A POWERED SURGICAL IMPACTOR

(71) ZTE Corporation
 (21) 2024201416 (22) 04.03.2024
 (54) System and method for multiple discontinuous receptions for one cell group

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2024201328	Wix.com Ltd.	2024201392	American Gene Technologies International Inc.
2024201329	PROJECT 125 PTY LTD	2024201393	Fisher & Paykel Healthcare Limited
2024201330	Caterpillar Underground Mining Pty. Ltd.	2024201394	Pure Fishing, Inc.
2024201331	Fullthom Pty Ltd	2024201395	Pure Fishing, Inc.
2024201332	National University Corporation Tottori University; Yamaguchi University	2024201396	Glazer, S.D.
2024201333	Leica Geosystems Technology A/S	2024201397	Trinh, D.
2024201334	Illumina, Inc.	2024201398	MasterCard International Incorporated
2024201335	AMO Groningen B.V.	2024201399	HALE ANIMAL HEALTH LIMITED
2024201336	Russell, T.E.	2024201400	Scott, A.
2024201337	Sightline Payments LLC	2024201401	Hitachi, Ltd.
2024201338	Acres Technology	2024201402	Warren, R.C.
2024201339	SKF Lubrication Systems Germany GmbH	2024201403	B.BOX FOR KIDS DEVELOPMENTS PTY LTD
2024201340	McKelvey, S.; McKelvey, S.R.	2024201404	Personal Genomics Taiwan, Inc.
2024201341	Colebrook Bosson & Saunders (Products) Limited	2024201405	ARGO COMPUTING SERVICES PTY LTD
2024201342	Adobe Inc.	2024201406	Syngenta Participations AG
2024201343	Adobe Inc.	2024201407	Gutmann, P.
2024201344	Rollease Acmeda, Inc.	2024201408	QJumpers Technologies Limited
2024201345	Huawei Technologies Co., Ltd.	2024201409	Relativity Space, Inc.
2024201346	Huawei Technologies Co., Ltd.	2024201410	Maidment, C.
2024201347	Seminis Vegetable Seeds, Inc.	2024201411	Aurigene Oncology Limited
2024201348	DePuy Ireland Unlimited Company	2024201412	Google LLC
2024201349	Amgen Inc.	2024201413	The Regents of the University of Michigan; Masco Corporation
2024201350	Assa Abloy AB	2024201414	Morphic Therapeutic, Inc.
2024201351	Ultima Genomics, Inc.	2024201415	Primewan Limited
2024201352	Kabushiki Kaisha Toshiba	2024201416	ZTE Corporation
2024201353	Intuit Inc.	2024201417	Forouzandeh, H.
2024201354	COBRA FIXATIONS CIE LTEE - COBRA ANCHORS CO. LTD	2024201418	LG Electronics Inc.
2024201355	Winchester Global Pty Ltd	2024201419	Diehl Defence GmbH & Co. KG
2024201356	Harsco Technologies LLC	2024201420	Hummingbird Solutions Inc.
2024201357	Huawei Technologies Co., Ltd.	2024201421	BYD Company Limited
2024201358	Wright, J.	2024201422	Carpe Astra Pty Ltd
2024201359	Incarda Therapeutics, Inc.	2024201423	Adobe Inc.
2024201360	80 Acres Urban Agriculture Inc.	2024201424	Adobe Inc.
2024201361	Google LLC	2024201425	Ramachandran, A.; Syed, A.
2024201362	The Boeing Company	2024201426	Ramachandran, A.; Zaidi, S.B.
2024201363	Beforepay IP Pty Ltd	2024201427	Yohana LLC
2024201364	MORIMOTO, N.	2024201428	JPL Global, LLC
2024201365	BERTEKS TEKSTİL SANAYİ VE TİCARET ANONİM ŞİRKETİ	2024201429	Endo Ventures Limited
2024201366	D3 Bio(Wuxi) Co., Ltd	2024201430	Dart Industries Inc.
2024201367	LG Electronics Inc.	2024201431	Zimmer, Inc.; Celestica Valencia, S.A.U.
2024201368	LG Electronics Inc.	2024201432	Stryker Corporation
2024201369	Hensley Industries, Inc.	2024201433	Kabushiki Kaisha Toshiba
2024201370	The Board of Trustees of the Leland Stanford Junior University	2024201434	Rose, C.
2024201371	Sensile Medical AG	2024201435	LanzaTech, Inc.
2024201372	National Institute of Biological Sciences, Beijing	2024201436	Sage Products, LLC
2024201373	Rubicon Biotechnology LLC	2024201437	Arvinas Operations, Inc.
2024201374	Ausco Modular Pty Limited	2024201438	Curix Inc.
2024201375	Tosoh Corporation	2024201439	Chugai Seiyaku Kabushiki Kaisha
2024201376	KOREA ZINC CO., LTD.; KEMCO	2024201440	Snap-on Incorporated
2024201377	Koukharenkov, I.	2024201441	President and Fellows of Harvard College
2024201378	Snap-on Incorporated	2024201442	AdvanSix Resins & Chemicals LLC
2024201379	L'Ecuyer, G.	2024201443	Kabushiki Kaisha Toshiba
2024201380	Aristocrat Technologies Australia Pty Ltd	2024201444	Tritana Intellectual Property Ltd.
2024201381	TMA Capital Australia Pty Ltd	2024201445	Apellis Pharmaceuticals, Inc.
2024201382	NAVICO, INC.	2024201446	HDR SG PTE. LTD.
2024201383	Fisher & Paykel Healthcare Limited	2024201447	Kabushiki Kaisha Toshiba
2024201384	CareFusion 303, Inc.	2024201448	Kabushiki Kaisha Toshiba
2024201385	Amryt Endo, Inc.	2024201449	Integrated DNA Technologies, Inc.
2024201386	Aqua Yield Operations, Inc.	2024201450	H. Lundbeck A/S
2024201387	Angel Group Co., Ltd.	2024201451	Enable Injections, Inc.
2024201388	Angel Group Co., Ltd.	2024201452	CSR Building Products Limited
2024201389	Polytone Laser Inc.	2024201453	Hanes Innerwear Australia Pty Ltd
2024201390	JJ-Lurgi Engineering Equipment (Shanghai) Co. Ltd	2024201454	Salts Healthcare Limited
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		2024201457	Magic Leap, Inc.
		2024201458	CMR Surgical Limited

Complete Applications Filed - Numerical Index cont'd

2024201459 Sage Therapeutics, Inc.
2024201460 Sage Products LLC
2024201461 E Ink Corporation
2024201462 Stryker Corporation
2024201463 LG Electronics Inc.
2024201464 Intellia Therapeutics, Inc.
2024201466 ADS Therapeutics LLC
2024201467 Jemella Limited
2024201468 HOWMEDICA OSTEONICS CORP.
2024201469 Avery Dennison Retail Information Services LLC
2024201470 Merck Sharp & Dohme LLC
2024201471 Illumina, Inc.
2024201472 Riverlands Hemp Pty Ltd
2024201473 Spray Nozzle Engineering Pty Ltd
2024201474 BIODOCCLE, LLC
2024201475 Tenfold Technologies, LLC
2024201476 Aurelius Biotherapeutics, LLC
2024201479 Merck Sharp & Dohme LLC

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 27 Feb 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Betta Stone Pty Ltd
(21) 2024100012 **(22)** 29.02.2024
(54) Composite slab comprising recycled
glass
(62) 2020217435

Numerical Index

2024100012 Betta Stone 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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 2023282234 (1B) 2023900547 (12AN) 2023900631 (12AN)

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2024200237 (12AN) 2024200435 (12A)

Assignments before Grant, Section 113**2018**

2018273854 Corteva Agriscience LLC The application has been assigned to **Ecolab USA Inc.**

2018274176 Orphazyme A/S; UCL Business PLC The application has been assigned to **ZEVRA DENMARK A/S**

2018325435 Brandenburg Innovation Limited The application has been assigned to **Triphase Technologies Private Ltd**

2018359990 Rhodia Operations The application has been assigned to **SPECIALTY OPERATIONS FRANCE**

2018367606 The Regents of the University of Michigan; UCL Business Ltd The application has been assigned to **The Regents of the University of Michigan**

2019

2019215105 Wellstat Therapeutics Corporation The application has been assigned to **PHARMA CINQ, LLC**

2019336049 Scholle IPN IP B.V. The application has been assigned to **SIG Services AG**

2019371154 AMI Holdings Limited The application has been assigned to **BUMBLE IP HOLDCO LLC**

2019384543 Corteva Agriscience LLC The application has been assigned to **Ecolab USA Inc.**

2019456792 GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. The application has been assigned to **TOYOTA JIDOSHA KABUSHIKI KAISHA**

2020

2020253522 CORTEVA AGRISCIENCE LLC The application has been assigned to **Ecolab USA Inc.**

2020258521 Ovad Custom Stages, LLC The application has been assigned to **Carvana, LLC**

2020266758 Scholle IPN IP B.V. The application has been assigned to **SIG Services AG**

2020298276 Loughborough University The application has been assigned to **ZAYNDU LTD**

Assignments before Grant, Section 113

2020321583 Scholle IPN IP B.V. The application has been assigned to **SIG Services AG**

2020364193 Rhodia Brasil S.A. The application has been assigned to **QUIMICOS E SOLUCOES SUSTENTAVEIS DO BRASIL S.A.**

2021

2021220598 Scholle IPN IP B.V. The application has been assigned to **SIG Services AG**

2021290296 Industrial Workwear Pty Ltd The application has been assigned to **Emb Connect Pty Ltd**

2021293099 Buckingham Holdings, LLC The application has been assigned to **Alcon Inc.**

2021295437 Orphazyme A/S The application has been assigned to **ZEVRA DENMARK A/S**

2021312774 Carapella, Domenic; Menon, Shine The application has been assigned to **G2 Greenplay Organics, LLC; Menon, Shine**

2021319613 SPEXIS AG; Universität Zürich The application has been assigned to **Basilea Pharmaceutica International AG, Allschwil; Universität Zürich**

2021323364 SPEXIS AG; Universität Zürich The application has been assigned to **Basilea Pharmaceutica International AG, Allschwil; Universität Zürich**

2021340882 WELLSTAT THERAPEUTICS CORPORATION The application has been assigned to **PHARMA CINQ, LLC**

2021379143 AMI HOLDINGS LIMITED; BONDARENKO, Anton; JALLALY, Zakaria The application has been assigned to **BUMBLE IP HOLDCO LLC**

2021391411 WELLSTAT THERAPEUTICS CORPORATION The application has been assigned to **PHARMA CINQ, LLC**

2021396262 WELLSTAT THERAPEUTICS CORPORATION The application has been assigned to **PHARMA CINQ, LLC**

2021414421 BELGO BEKAERT ARAMES LTDA; NV BEKAERT SA The application has been assigned to **NV BEKAERT SA**

2021453593 DATTO, INC. The application has been assigned to **KASEYA US LLC**

2022

2022200981 British American Tobacco (Investments) Limited The application has been assigned to **Nicoventures Trading Limited**

2022203464 Corteva Agriscience LLC The application has been assigned to **Ecolab USA Inc.**

2022259041 CATCHY BABY PTY LTD The application has been assigned to **Catchy Baby IP Pty Ltd**

Assignments before Grant, Section 113

2022287183 CHEIRONTECH S.R.L. The application has been assigned to **DOMPÉ FARMACEUTICI S.p.A.**

2022294997 INERATEC GMBH; KARLSRUHER INSTITUT FÜR TECHNOLOGIE The application has been assigned to **INERATEC GMBH**

2022298487 AMI HOLDINGS LIMITED The application has been assigned to **BUMBLE IP HOLDCO LLC**

2022307245 MEDOS INTERNATIONAL SARL; DUMAS, Oliver J.; GRINBERG, Eduard; CONFOEY, Michael; MIGUEL, Pedro J.; GOODE, Garrett The application has been assigned to **MEDOS INTERNATIONAL SARL**

2022314613 PERDUE FARMS, INC. The application has been assigned to **PERDUE FOODS LLC**

2022328262 THE UNIVERSITY OF WESTERN AUSTRALIA The application has been assigned to **Rajan, Gunesh**

2022332712 IP RESERVE PTY LTD The application has been assigned to **Tred Outdoors Pty Ltd**

2022348884 ZHONGWEI NEW ENERGY (CHENGDU) CO., LTD. The application has been assigned to **Tongwei Solar (Chengdu) Co., Ltd.**

2022348889 ZHONGWEI NEW ENERGY (CHENGDU) CO., LTD. The application has been assigned to **Tongwei Solar (Chengdu) Co., Ltd.**

2023

2023201398 North Central Gold Pty Ltd The application has been assigned to **World Minerals and Resources Pty Ltd**

2023202779 Viridian Glass GP Limited The application has been assigned to **Viridian Glass Limited Partnership**

2023203676 Caretech Services Pty Ltd The application has been assigned to **Wearne Digital Pte Ltd**

2023903532 ResMed Pty Ltd; ResMed Asia Pte. Ltd. The application has been assigned to **ResMed 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.

2006

2006272429 **Sundermann Water Power Ltd** An application to extend the time from 05 Jul 2023 to 05 Mar 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Extensions of Time, Section 223

2016

2016297439 **Hasan, Syed Kamran** An application to extend the time from 04 May 2023 to 04 Dec 2023 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018100144 **NINE IP LIMITED** An application to extend the time from 02 Feb 2023 to 02 Sep 2023 in which to pay a renewal fee has been filed . Address for service - Nine IP Ltd 44 K Constellation Drive Auckland 0632 NZ

2018226615 **Process Plants International Pty Ltd** An application to extend the time from 20 Dec 2023 to 20 Jun 2024 in which to gain acceptance has been filed . Address for service - Process Plants International Pty Ltd PO Box 1158 Fremantle WA 6959 AU

2019

2019289064 **Okta, Inc.** An application to extend the time from 05 Jun 2023 to 05 Jan 2024 in which to pay a continuation fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2019379869 **2B1K Imports Pty Ltd** An application to extend the time from 23 Jul 2023 to 23 Feb 2024 in which to pay a renewal fee has been filed . Address for service - Pearce IP Pty Ltd L5, 20 Bond St SYDNEY NSW 2000 AU

2019393745 **The Rockefeller University; California Institute of Technology** An application to extend the time from 12 Nov 2023 to 12 Mar 2024 in which to request examination has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2021

2021102256 **Fitness Systems United Pty Ltd** An application to extend the time from 29 Apr 2023 to 29 Nov 2023 in which to pay a renewal fee has been filed . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2022

2022204137 **Okta, Inc.** An application to extend the time from 04 Jun 2023 to 04 Jan 2024 in which to pay a continuation fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2023

2023200187 **Reeves Wireline Technologies Limited** An application to extend the time from 07 Jun 2023 to 07 Jan 2024 in which to pay a continuation fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2023202837 **Live Nation Entertainment, Inc.** An application to extend the time from 27 Jun 2023 to 27 Feb 2024 in which to pay a continuation fee has been filed . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2011

2011261170 **Ocean Vision Environmental Research Pty Ltd; Challenger Institute of Technology** The time in which to pay a renewal fee has been extended to 02 Nov 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2014

2014251105 **Gribovsky, V.** The time in which to pay a renewal fee has been extended to 08 Nov 2023 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2016

2016239987 **DUALSUN** The time in which to pay a renewal fee has been extended to 04 Nov 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017

2017260081 **Alcon Inc.; The Regents of the University of Colorado, a body corporate** The time in which to pay a renewal fee has been extended to 04 Dec 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2017260572 **DMC Industries Pty Ltd** The time in which to pay a renewal fee has been extended to 02 Dec 2023 . Address for service - DMC Industries Pty Ltd PO Box 547 Avalon Beach NSW 2107 AU

2018

2018233162 **Sealls Pty Ltd** The time in which to pay the acceptance fee has been extended to 02 Feb 2024 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018240527 **Consejo Superior De Investigaciones Cientificas (CSIC)** The time in which to pay a renewal fee has been extended to 21 Dec 2023 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2018269403 **Alltech, Inc.** The time in which to pay a continuation fee has been extended to 01 Dec 2023 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2018365942 **Gallium Enterprises Pty Ltd** The time in which to pay a renewal fee has been extended to 06 Oct 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2019

2019224002 **Aqseptence Group Inc.** The time in which to pay a continuation fee has been extended to 20 Sep 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2019224900 **SFB Logitel Inc.** The time in which to pay the acceptance fee has been extended to 02 Mar 2024 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2019394564 **Sandvik Mining and Construction G.m.b.H.; Sandvik Mining and Construction Australia Pty Ltd; Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd** The time in which to file a notice of opposition has been extended to 02 Mar

Extensions of Time, Section 223

2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020260415 **Zoetis Services LLC** The time in which to pay a continuation fee has been extended to 11 Sep 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020399804 **NEUTRON HOLDINGS, INC. dba LIME; CHADWICK, J.C.; LIU, S.; ONG, Y.J.; FOLEY, N.** The time in which to enter the National Phase has been extended to 13 Sep 2023 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2021

2021221577 **HITIQ LIMITED** The time in which to gain acceptance has been extended to 02 Apr 2024 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2021232835 **Aquatech International, LLC** The time in which to pay the acceptance fee has been extended to 02 Mar 2024 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2021272137 **ESS TECH, INC.** The time in which to enter the National Phase has been extended to 15 Oct 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021398704 **BEIJING INNOCARE PHARMA TECH CO., LTD.** The time in which to enter the National Phase has been extended to 18 Dec 2023 . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

2023

2023278032 **Bright Clinical Research Limited** The time in which to request examination has been extended to 13 Mar 2024 . Address for service - Jogias Patent and Trade Mark Attorneys 36 Manor Street EIGHT MILE PLAINS QLD 4113 AU

2023282187 **The Regents of the University of California** The time in which to request examination has been extended to 19 Mar 2024 . Address for service - Pearce IP Pty Ltd L5, 20 Bond St SYDNEY NSW 2000 AU

2024

2024200444 **Brown, D.** The time in which to make a further application for a divisional patent has been extended to 23 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 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.

Amendments

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

2013

2013344778 Conjugates for treating diseases caused by PSMA expressing cells **Endocyte, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Feb 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2014

2014282281 Stable crystal form of tipiracil hydrochloride and crystallization method for the same **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016

2016324162 Compositions derived from placenta and methods of producing the same **StimLabs, LLC** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016326510 Methods of treating intraocular pressure with activators of Tie-2 **Eyepoint Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2024 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2016332900 ASGR inhibitors **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jan 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016361517 Anti-complement factor C1q Fab fragments and uses thereof **Annexon, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Feb 2024 . Address for service - Pearce IP Pty Ltd L5, 20 Bond St SYDNEY NSW 2000 AU

2017

2017353868 Synthetic chimeric poxviruses **Evans, D. ; Noyce, R. ; Lederman, S.** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017372711 Power operated rotary knife **Bettcher Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Dec 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018320864 Organelle genome modification using polynucleotide guided endonuclease **NAPIGEN, Inc.** The nature of the amendment is: Amend the name of the inventor to removing WYSE, Roger AND KEASLING, Jay . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2018365755 Solid-liquid distribution detecting apparatus **Meiji Co., Ltd.** The nature of the amendment is as shown in the statement(s)

Amendments

filed 20 Feb 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2019

2019203593 Ejector for electric modules **ERICO International Corporation** The nature of the amendment is as shown in the statement(s) filed 27 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019225884 Polyurethane-based polymer material having excellent resistance to heat distortion and elongation at tear **BASF SE** The nature of the amendment is as shown in the statement(s) filed 27 Feb 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2020

2020264275 Compositions and methods for treatment of cytomegalovirus **Variation Biotechnologies Inc.** The nature of the amendment is: Amend the name of the inventor to add KLATZMANN, David and FRIBERT, Charlotte . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2020264275 Compositions and methods for treatment of cytomegalovirus **Variation Biotechnologies Inc.** The nature of the amendment is: Amend the name of the applicant to add Sorbonne Université . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021

2021332493 Distributing digital cinema package (DCP) over internet **SR Labs, Inc.** The nature of the amendment is as shown in the statement(s) filed 01 Feb 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2022

2022204681 Novel heterocyclic derivatives useful as SHP2 inhibitors **Jacobio Pharmaceuticals Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 20 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022228191 User interfaces for managing media **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2023 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

Amendments Made**2015**

2015202237 **Whitehead Institute for Biomedical Research** The nature of the amendment is: Amend the name of the inventor to read Jaenisch, Rudolf; Carey, Bryce Woodbury and Hanna, Yaquob

2015224401 **Hazlehurst, M.** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2023

2016

2016218318 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read McGavran, Christine; Weinberg, Joshua; Van Os, Marcel; Verweij, Hugo; Meininger, Jeffrey; Grundstrom, Eric L. and Hajj, Usama M.

Amendments

2016252993 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Bernstein, Jeffrey Traer; Girling, Lukas Robert Tom; Dong, Linda L.; Penha, Henrique; Lopez, Paulo Michaelo and Manzari, Johnnie B.

2017

2017225083 **Whitehead Institute for Biomedical Research** The nature of the amendment is: Amend the name of the inventor to read Jaenisch, Rudolf; Carey, Bryce Woodbury and Hanna, Yaqub

2018

2018292504 **Coravin, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Nov 2023

2018337495 **Tillotts Pharma AG** The nature of the amendment is: Amend the name of the inventor to read Furrer, Esther Maria; Andersen, Jan Terje; Sandlie, Inger and Foss, Stian

2018401104 **NTT DOCOMO, INC.** The nature of the amendment is as shown in the statement(s) filed 11 Dec 2023

2019

2019338180 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; IVE, Jonathan P.; DYE, Alan C.; SOUZA DOS SANTOS, Andre; PIVONKA, Pavel; SORRENTINO III, William A.; SEELY, Richard David; BAER, Richard L. and BALE, Arathi S.

2020

2020201245 **Whitehead Institute for Biomedical Research** The nature of the amendment is: Amend the name of the inventor to read Jaenisch, Rudolf; Carey, Bryce Woodbury and Hanna, Yaqub

2020239717 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; AMINI, Mani; BAAR, Teun R.; CLARKE, Graham R.; DYE, Alan C.; GEHANI, Samir and SOUZA DOS SANTOS, Andre

2020243393 **Health Tech Connex Inc.** The nature of the amendment is: Amend the name of the inventor to read D'ARCY, Ryan Clarke Newell; BOLLINGER, Fabio; FICKLING, Shaun Dean; FREHLICK, Zachary; GHOSH HAJRA, Sujoy; GURM, Sunny; HAMZEI, Nazanin; LIU, Careesa Chang; LIVINGSTONE, Ashley Candice; SMITH, Christopher James; TANNOURI, Pamela; THIEM, Mike; YEE, Evangeline and NIJJER, Shaquile Ryan

2020244654 **Shearwater Invest AS** The nature of the amendment is: Amend the invention title to read Hybrid Seismic Acquisition With Wide-Towed Source

2020267304 **NoNO Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Nov 2023

2021

2021107587 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read MANZARI, Johnnie B.; AMINI, Mani; BAAR, Teun R.; CLARKE, Graham R.; DYE, Alan C.; GEHANI, Samir and SOUZA DOS SANTOS, Andre

Amendments

2021213767 **Genentech, Inc.; Xencor, Inc.** The nature of the amendment is: Amend the name of the inventor to read UNGEWICK-ELL, Alexander Joachim Paul; SHIVVA, Vittal and YADAV, Rajbharan

2021251557 **Yoshino Gypsum Co., Ltd.** The nature of the amendment is: Amend the invention title to read Gypsumbased load-bearing board, load-bearing wall structure, and load-bearing wall construction method for wooden construction building

2021254510 **TRACTO-TECHNIK GmbH & Co. KG** The nature of the amendment is: Amend the invention title to read Rod section of a ground drilling rod, drive element, rod section system, and ground drilling device

2021391600 **CURASIGHT A/S** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2024

2022

2022200161 **WONDERLAND SWITZERLAND AG** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2024

2022228191 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Manzari, Johnnie B.; Baar, Teun R.; Clarke, Graham R.; Gehani, Samir; Souza Dos Santos, Andre; Amini, Mani; Dye, Alan C. and Sorrentino III, William A.

2022234998 **JINAN UNIVERSITY; SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY, CHINESE ACADEMY OF SCIENCES** The nature of the amendment is: Amend the invention title to read PYRIDOPYRIMIDINE COMPOUNDS AND APPLICATIONS THEREOF

2022246147 **ATALANTA THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read CURTIS, Daniel; JACKSON, Aimee; ANDREONE, Benjamin; GODINHO, Bruno Miguel Da Cruz and CHEN, Qingmin

2022287595 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Nov 2023

2022324701 **AESFULAP AG** The nature of the amendment is: Amend the name of the inventor to read SCHIERJOTT-HERMLE, Ronja Alissa and HETTICH, Georg

2022325354 **CHANGCHUN INTELICROWN PHARMACEUTICAL CO., LTD.; SHANGHAI INTELICROWN BIOTECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read NOVEL MUTANT OF RECOMBINANT GANODERMA LUCIDUM IMMUNOMODULATORY PROTEIN AND USE THEREOF

2022334501 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read TB PPDU TRANSMISSION METHOD AND RELATED APPARATUS

2022334790 **ABUS AUGUST BREMICKER SÖHNE KG** The nature of the amendment is: Amend the invention title to read Portable electronic lock

2022334790 **ABUS AUGUST BREMICKER SÖHNE KG** The nature of the amendment is: Amend the name of the inventor to read BURK, Martin and JERGER, Christian Johannes

Amendments

2022334882 **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.; FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG** The nature of the amendment is: Amend the invention title to read Large-Signal Inductance Measuring Device and Method for Performing a Measuring Operation for Measuring an Inductance

2022340645 **MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES; TRI-INSTITUTIONAL THERAPEUTICS DISCOVERY INSTITUTE, INC.** The nature of the amendment is: Amend the name of the inventor to read DANIYAN, Anthony; BRENTJENS, Renier J.; LORENZ, Ivo, C. and KHAN, Abdul

2022352207 **SATO HOLDINGS KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read RFID container and manufacturing method for RFID container

2022419026 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack and energy storage system comprising the battery pack

2022427414 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack, and ESS and vehicle including the same

2023

2023250993 **GUANGZHOU INSTITUTE OF ENERGY CONVERSION, CHINESE ACADEMY OF SCIENCES** The nature of the amendment is: Amend the invention title to read MULTI-STAGE BUFFER HYDRAULIC CYLINDER FOR WAVE-ENERGY POWER GENERATION APPARATUS AND MULTI-STAGE BUFFER HYDRAULIC CONTROL METHOD

2023301710 **JEON, O.J.; SEO, S.W.; YIN, X.B.; KOOK, Y.J.; KIM, B.H.** The nature of the amendment is: Amend the invention title to read Lighting device using combined power generation

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

2009

2009300898 Archimedes Development Ltd. The name of the patentee has been altered to **Kyowa Kirin Services Ltd**

2010

2010212201 Archimedes Development Ltd The name of the patentee has been altered to **Kyowa Kirin Services Ltd**

2010266205 Kempharm, Inc. The name of the patentee has been altered to **Zevra Therapeutics, Inc.**

2012

2012213170 Archimedes Development Limited The name of the patentee has been altered to **Kyowa Kirin Services Ltd**

2012286683 KemPharm, Inc. The name of the patentee has been altered to **Zevra Therapeutics, Inc.**

Amendments

2014

2014203591 Mazza Innovation, Ltd. The name of the patentee has been altered to **Sensient Natural Extraction Inc.**

2015

2015239823 Odfjell Partners Invest Ltd The name of the patentee has been altered to **Odfjell Technology Invest Ltd**

2017

2017252251 L3HARRIS UNMANNED SYSTEMS, INC. The name of the patentee has been altered to **L3 Technologies, Inc.**

2017290705 The Regents of the University of California; Rescue Therapeutics, Inc. The name of the patentee has been altered to **The Regents of the University of California; RasCal Therapeutics, Inc.**

2017371327 Kempharm, Inc. The name of the patentee has been altered to **Zevra Therapeutics, Inc.**

2020

2020239746 Kempharm, Inc. The name of the patentee has been altered to **Zevra Therapeutics, Inc.**

2020372736 Kempharm, Inc. The name of the applicant has been altered to **Zevra Therapeutics, Inc.**

2020376735 Kempharm, Inc. The name of the applicant has been altered to **Zevra Therapeutics, Inc.**

2021

2021210446 EXUMA Biotech Corp.; BioAtla, LLC The name of the applicant has been altered to **EXUMA Biotech Corp.; BioAtla, Inc.**

2021226416 Kempharm, Inc. The name of the applicant has been altered to **Zevra Therapeutics, Inc.**

2021269397 Rescue Therapeutics, Inc. ; The Regents of the University of California The name of the applicant has been altered to **RasCal Therapeutics, Inc.; The Regents of the University of California**

2022

2022281104 JANSSEN BIOTECH, INC.; ACADEMISCH MEDISCH CENTRUM The name of the applicant has been altered to **JANSSEN BIOTECH, INC.; Stichting Amsterdam UMC**

2022289139 LNT SOLUTIONS LIMITED; CONSUS ANT STATIONARY CUTTING SOLUTIONS GMBH The name of the applicant has been altered to **LNT SOLUTIONS LIMITED; ConSus - ANT Stationary Cutting Solutions GmbH**

2023

2023263477 FUSUS, INC. The name of the applicant has been altered to **FUSUS, LLC**

2023900761 Pham, Vu Anh Dung The name of the applicant has been altered to **Pham, J.V.**

Amendments**2024**

2024900222 Daynite Group The name of the applicant has been altered to **Mobitow Pty Ltd**

2024900372 4FRONT PROJECT MANAGEMENT PTY LTD The name of the applicant has been altered to **Ingham, S.**

2024900481 Ryan Randall Projects Pty Ltd The name of the applicant has been altered to **ROOF ROLLERS AUSTRALIA PTY LTD**

Applications Open to Public Inspection

Name Index

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

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2024201156
 (21) 2024201156 (22) 22.02.2024
 (54) Method and apparatus for analyte detection using an electrochemical biosensor
 (51) Int. Cl.
C12Q 1/00 (2006.01)
 (43) 14.03.2024
 (62) 2022200498
 (72) OJA, Stephen M.; FELDMAN, Benjamin
 (74) FPA Patent Attorneys Pty Ltd

(71) AccuraGen Holdings Limited
 (11) AU-A-2024201195
 (21) 2024201195 (22) 22.02.2024
 (54) Compositions and methods for detecting rare sequence variants
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C40B 30/04 (2006.01)
 (43) 14.03.2024
 (62) 2021206868
 (72) Lin, Shengrong; Sun, Zhaohui; Zhao, Grace Qizhi; Tang, Paul Ling-Fung
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Acer Incorporated
 (11) AU-A-2024201179
 (21) 2024201179 (22) 22.02.2024
 (54) DEVICE AND METHOD FOR HANDLING SEARCH SPACE SET GROUP AND TRANSMISSION CONFIGURATION INDICATOR STATE
 (51) Int. Cl.
H04W 72/23 (2023.01)
H04L 5/00 (2006.01)
H04W 72/02 (2009.01)
H04W 72/04 (2023.01)
 (43) 14.03.2024
 (62) 2023201729
 (72) LO, Li-Chung; LEE, Chien-Min; CHEN, Jen-Hsien
 (74) Griffith Hack

Achates Power, Inc. see Cummins Inc.
 (21) 2023219915

Adimab, LLC see Merck Sharp & Dohme LLC
 (21) 2024201084

(71) Advanced Accelerator Applications SA
 (11) AU-A-2024201217
 (21) 2024201217 (22) 23.02.2024

(54) Stable, concentrated radionuclide complex solutions
 (51) Int. Cl.
A61K 51/08 (2006.01)
 (43) 14.03.2024
 (62) 2022203683
 (72) CHICCO, Daniela; BARBATO, Donato; DE PALO, Francesco; FUGAZZA, Lorenza; MARIANI, Maurizio; TESORIERE, Giovanni; BRAMBATI, Clementina
 (74) Davies Collison Cave Pty Ltd

(71) ADVANCED LITHIUM ELECTRO-CHEMISTRY CO., LTD.
 (11) AU-A-2023204280
 (21) 2023204280 (22) 03.07.2023
 (54) METHOD OF MANUFACTURING A POSITIVE ELECTRODE MATERIAL AND BATTERY PRODUCED THEREFROM
 (51) Int. Cl.
H01M 4/1393 (2010.01)
H01M 4/38 (2006.01)
H01M 4/60 (2006.01)
H01M 10/0525 (2010.01)
 (31) 111132583 (32) 29.08.22 (33) TW
 (43) 14.03.2024
 (72) WEI, CHAO-NAN; TSAI, FENG-YEN; WANG, YA-HUI; CHEN, HAN-YU
 (74) ALDRICH PROJECTS PTY LTD

(71) Advantage Therapeutics, Inc.
 (11) AU-A-2024201099
 (21) 2024201099 (22) 20.02.2024
 (54) Treatment and prevention of Alzheimer's Disease (AD)
 (51) Int. Cl.
A61K 38/03 (2006.01)
A61K 33/06 (2006.01)
A61K 39/39 (2006.01)
A61P 25/28 (2006.01)
 (43) 14.03.2024
 (62) 2021200093
 (72) MANDLER, Markus; SCHNEEBERGER, Achim; MATTNER, Frank; SCHMIDT, Walter
 (74) Spruson & Ferguson

Aegis Therapeutics, LLC see Indivior Inc.
 (21) 2024201047

(71) Allegion (Australia) Pty Ltd
 (11) AU-A-2024201219
 (21) 2024201219 (22) 23.02.2024
 (54) Pivot block
 (51) Int. Cl.
E05D 15/06 (2006.01)
E05D 15/26 (2006.01)
E05D 15/28 (2006.01)
E06B 3/46 (2006.01)

E06B 3/48 (2006.01)
 (43) 14.03.2024
 (62) 2022201242
 (72) PELEKANOS, Stylianos
 (74) Spruson & Ferguson

(71) Alteogen Inc.
 (11) AU-A-2024201238
 (21) 2024201238 (22) 23.02.2024
 (54) PHARMACEUTICAL COMPOSITION FOR SUBCUTANEOUS INJECTION COMPRISING HUMAN HYALURONIDASE PH20 VARIANT AND DRUG
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61K 47/42 (2017.01)
A61P 35/00 (2006.01)
C12N 9/26 (2006.01)
 (43) 14.03.2024
 (62) 2020248612
 (72) Park, Soon Jae; Chung, Hye-Shin; Lee, Seung Joo; Kim, Kyuwan; Byun, Min-soo; Nam, Ki Seok
 (74) Madderns Pty Ltd

(71) Altria Client Services LLC
 (11) AU-A-2024201150
 (21) 2024201150 (22) 21.02.2024
 (54) CLOSED BOTTOM VAPORIZER POD
 (51) Int. Cl.
A24F 47/00 (2020.01)
A61M 11/00 (2006.01)
B65D 83/38 (2006.01)
 (43) 14.03.2024
 (62) 2018233589
 (72) Selby, Ryan Daniel; Karkairan, Ryan
 (74) Madderns Pty Ltd

(71) Amgen Inc.
 (11) AU-A-2024201097
 (21) 2024201097 (22) 20.02.2024
 (54) Torque driven drug delivery device
 (51) Int. Cl.
A61M 5/31 (2006.01)
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
 (43) 14.03.2024
 (62) 2018282077
 (72) MCCULLOUGH, Adam B.; FORSTER, Ronald; IGLESIAS, Joseph Michael; MELANDER, Matias; ØHLENSCHLAGER, Rasmus; PLAMBECH, Christian; STENHOLT, Lars; LUDVIG SVENDSEN, Bjarke Lykke
 (74) Spruson & Ferguson

(71) AMO Groningen B.V.
 (11) AU-A-2024201091

Applications Open to Public Inspection - Name Index cont'd

(21) 2024201091 (22) 20.02.2024
 (54) Diffractive intraocular lenses for extended range of vision
 (51) Int. Cl.
A61F 2/16 (2006.01)
A61F 2/14 (2006.01)
G02C 7/04 (2006.01)
 (43) 14.03.2024
 (62) 2018235011
 (72) CANOVAS VIDAL, Carmen; WEEBER, Hendrik A.; PIERS, Patricia Ann
 (74) FPA Patent Attorneys Pty Ltd

(71) AP&C Advanced Powders & Coatings Inc.
 (11) AU-A-2024201188
 (21) 2024201188 (22) 22.02.2024
 (54) ALUMINUM BASED METAL POWDERS AND METHODS OF THEIR PRODUCTION
 (51) Int. Cl.
B22F 1/00 (2022.01)
B22F 9/14 (2006.01)
B22F 9/16 (2006.01)
 (43) 14.03.2024
 (62) 2020356593
 (72) Larouche, Frédéric; Balmayer, Matthieu; Marion, Frédéric
 (74) PHILLIPS ORMONDE FITZPATRICK

APHP (Assistance Publique - Hôpitaux de Paris) see Université Paris-Sud XI
 (21) 2024201048

(71) Apple Inc.
 (11) AU-A-2023219823
 (21) 2023219823 (22) 22.08.2023
 (54) Systems and methods for access control
 (51) Int. Cl.
H04W 4/029 (2018.01)
G07C 9/00 (2020.01)
H04W 4/021 (2018.01)
H04W 48/04 (2009.01)
H04W 64/00 (2009.01)
 (31) 63/401973 (32) 29.08.22 (33) US
 (43) 14.03.2024
 (72) Lynch, Kevin M.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024201212
 (21) 2024201212 (22) 23.02.2024
 (54) Voice trigger for a digital assistant
 (51) Int. Cl.
G10L 17/24 (2013.01)
G06F 3/16 (2006.01)
 (43) 14.03.2024
 (62) 2023222931
 (72) BINDER, Justin G.; TACKIN, Onur; POST, Samuel D.; GRUBER, Thomas R.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024201230

(21) 2024201230 (22) 23.02.2024
 (54) Methods for manipulating objects in an environment
 (51) Int. Cl.
G06F 3/01 (2006.01)
 (43) 14.03.2024
 (62) 2021347112
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 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2024201259
 (21) 2024201259 (22) 26.02.2024
 (54) User interfaces for controlling access to applications and application-related functions on an electronic device
 (51) Int. Cl.
H04L 67/75 (2022.01)
G06F 3/048 (2013.01)
G06F 11/34 (2006.01)
G11B 20/00 (2006.01)
H04L 65/40 (2022.01)
H04L 67/1396 (2022.01)
 (43) 14.03.2024
 (62) 2022215188
 (72) STACK, Caelan G.; GRAHAM, David C.; CRANFILL, Elizabeth Caroline; FOSS, Christopher P.; SUZUKI, Gregg
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2024201234
 (21) 2024201234 (22) 23.02.2024
 (54) Laparoscopic training system
 (51) Int. Cl.
G09B 23/28 (2006.01)
 (43) 14.03.2024
 (62) 2018220845
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 (74) Griffith Hack

(71) argenx BVBA
 (11) AU-A-2024201185
 (21) 2024201185 (22) 22.02.2024
 (54) Compositions and methods for treating immune thrombocytopenia
 (51) Int. Cl.
C07K 16/00 (2006.01)
A61K 31/573 (2006.01)
A61P 7/04 (2006.01)

(43) 14.03.2024
 (62) 2019283673
 (72) DE HAARD, Hans; ULRICHTS, Peter; COUSIN, Thierry; LEUPIN, Nicolas; DREIER, Torsten; VAN BRAGT, Tonke
 (74) Spruson & Ferguson

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2023219884
 (21) 2023219884 (22) 23.08.2023
 (54) SYSTEMS AND METHODS FOR MODIFYING A GAME OUTCOME OF A SKILL GAME
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 18/453,036 (32) 21.08.23 (33) US
 63/400,344 23.08.22 US
 (43) 14.03.2024
 (72) BOESE, Eric; YI, Jae; WILLIAMS II, Ronald; GIBB, Jason; RICHARD, Brandon
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024201105
 (21) 2024201105 (22) 20.02.2024
 (54) A GAMING DEVICE
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 14.03.2024
 (62) 2021290383
 (72) FONG, Colin
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
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 (21) 2024201106 (22) 20.02.2024
 (54) A GAMING DEVICE
 (51) Int. Cl.
A63F 13/45 (2014.01)
 (43) 14.03.2024
 (62) 2021290285
 (72) Crispino, Oliver; Tran, Toan; Lombardo, Paul; Sidioti, Alex
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024201136
 (21) 2024201136 (22) 21.02.2024
 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
 (51) Int. Cl.
A63F 13/00 (2014.01)
 (43) 14.03.2024
 (62) 2022200558
 (72) PENACHO, Gary Joseph; CONDRON, Casey Lyle; TUOMEY, Thomas; LARSEN, Kurt; SCHOTBORGH, Charles; PIPPIN, Adam; CARR, Ryan Shawn
 (74) Griffith Hack

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 (21) 2024201148 (22) 21.02.2024
 (54) SYSTEMS AND METHODS FOR PLAYING AN ELECTRONIC GAME INCLUDING MERGE AND UNMERGE OPERATIONS
 (51) Int. Cl.
A63F 13/55 (2014.01)
G07F 17/32 (2006.01)
 (43) 14.03.2024
 (62) 2022200013
 (72) HENDRICKS, Bradley John; MAS-INTER, Joseph; FINCH, Patrick; CONDRON, Casey Lyle; PENACHO, Gary; SANTUCCI, Lorin
 (74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024201187
 (21) 2024201187 (22) 22.02.2024
 (54) A GAMING SYSTEM AND A METHOD OF GAMING
 (51) Int. Cl.
A63F 13/55 (2014.01)
 (43) 14.03.2024
 (62) 2022200556
 (72) GUPTA, Lipi
 (74) Griffith Hack
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 (11) AU-A-2024201201
 (21) 2024201201 (22) 22.02.2024
 (54) A GAMING MACHINE
 (51) Int. Cl.
A63F 13/50 (2014.01)
A63F 13/00 (2014.01)
G07F 17/00 (2006.01)
 (43) 14.03.2024
 (62) 2022200805
 (72) PENACHO, Gary Joseph; TUOMEY, Thomas; HENDRICKS, Bradley
 (74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024201204
 (21) 2024201204 (22) 22.02.2024
 (54) A GAMING SYSTEM
 (51) Int. Cl.
A63F 13/69 (2014.01)
A63F 13/50 (2014.01)
 (43) 14.03.2024
 (62) 2022200049
 (72) VISSER, Antoon Christiaan; RAE, Claudia
 (74) Griffith Hack
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 (11) AU-A-2024201205
 (21) 2024201205 (22) 22.02.2024
 (54) GAMING MACHINE HAVING SEPARATED FEATURE GAMES
- (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
 (43) 14.03.2024
 (62) 2022200051
 (72) SATTERLIE, Eric; UBERUAGA, Christ-mas
 (74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024201208
 (21) 2024201208 (22) 22.02.2024
 (54) GAMING DEVICE WITH MULTIPLIER METER
 (51) Int. Cl.
A63F 13/46 (2014.01)
G07F 17/34 (2006.01)
 (43) 14.03.2024
 (62) 2022200081
 (72) SATTERLIE, Eric; PRYOR, Chantrelle; Lombardo, Paul; Sanders, Liam; Meyer, Jason; Penacho, Gary; Finch, Patrick
 (74) Griffith Hack
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 (11) AU-A-2022221448
 (21) 2022221448 (22) 24.08.2022
 (54) Electrical assembly
 (51) Int. Cl.
G08B 7/06 (2006.01)
F21V 33/00 (2006.01)
G08B 3/10 (2006.01)
G08B 13/19 (2006.01)
H04N 7/14 (2006.01)
H04N 7/18 (2006.01)
H04N 23/50 (2023.01)
F21V 7/00 (2006.01)
F21V 21/02 (2006.01)
H04M 1/253 (2006.01)
H04R 1/08 (2006.01)
 (43) 14.03.2024
 (72) Goodwin, Patrick
 (74) Davies Collision Cave Pty Ltd
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- (71) Assa Abloy Entrance Systems AB
 (11) AU-A-2024201258
 (21) 2024201258 (22) 26.02.2024
 (54) DOOR OPERATOR
 (51) Int. Cl.
E05F 15/60 (2015.01)
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 (72) Dreyer, Roger
 (74) ET Intellectual Property
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 (54) Channel modulators
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7125 (2006.01)
C07H 21/02 (2006.01)
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 (72) GREEN, Colin Richard; KIM, Yeri; PHILLIPS, Anthony; DUFT, Bradford James
 (74) Spruson & Ferguson
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 (21) 2024201063 (22) 19.02.2024
 (54) A system for improved data storage and retrieval
 (51) Int. Cl.
G06Q 10/08 (2023.01)
G06Q 10/00 (2023.01)
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 (62) 2018267278
 (72) APPS, Stephen David; HOBLEY, Roger Leonard
 (74) Spruson & Ferguson
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- (71) Bentham, M.
 (11) AU-A-2023219931
 (21) 2023219931 (22) 24.08.2023
 (54) A ROOFING CLIP AND METHOD OF USE
 (51) Int. Cl.
E04G 23/02 (2006.01)
E04D 1/34 (2006.01)
E04D 5/14 (2006.01)
 (31) 2022902450 (32) 26.08.22 (33) AU
 (43) 14.03.2024
 (72) Bentham, Michael
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71) BETAPACK, S.A.U.
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 (21) 2023210655 (22) 04.08.2023
 (54) CLOSING CAP FOR POURING HOLES FOR CONTAINERS HOLDING LIQUIDS
 (51) Int. Cl.
B65D 43/16 (2006.01)
B65D 47/10 (2006.01)
 (31) U202231389 (32) 23.08.22 (33) ES
 (43) 14.03.2024
 (72) BERROA GARCÍA, Javier
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) Bettergy Corp.; The Research Foundation for the State University of New York
 (11) AU-A-2024201087
 (21) 2024201087 (22) 20.02.2024
 (54) Metal alloy/oxide, metal alloy/nitride composite catalyst for ammonia decomposition
 (51) Int. Cl.
B01J 21/06 (2006.01)
B01J 23/44 (2006.01)
B01J 23/78 (2006.01)
 (43) 14.03.2024
 (62) 2020459971
 (72) WU, Gang; MUKHERJEE, Shreya; TANG, Zhong; LU, Bo
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2024201174
 (21) 2024201174 (22) 22.02.2024
 (54) Shared memory based gene analysis method, apparatus and computer device
 (51) Int. Cl.
G16B 20/00 (2019.01)
 (43) 14.03.2024
 (62) 2020457044
 (72) YANG, Jiaobo; SONG, Chao; YU, Chuang; ZHANG, Youjin; HE, Zengquan; WANG, Jin'an
 (74) Davies Collison Cave Pty Ltd

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 (21) 2024201174

Bhardwaj, A. see Bhardwaj, Y.
 (21) 2023216859

(71) Bhardwaj, Y.; Bhardwaj, A.
 (11) AU-A-2023216859
 (21) 2023216859 (22) 18.08.2023
 (54) DC-TO-DC POWER CONVERSION SYSTEM FOR ELECTROLYSERS, INDUSTRIAL AND RENEWABLE USAGE
 (51) Int. Cl.
H02K 47/12 (2006.01)
H02J 1/10 (2006.01)
H02J 3/32 (2006.01)
 (31) 202241048219 (32) 24.08.22 (33) IN
 (43) 14.03.2024
 (72) Bhardwaj, Yogesh; Bhardwaj, Arti
 (74) Yogesh Bhardwaj

(71) Bigfoot Biomedical, Inc.
 (11) AU-A-2024201146
 (21) 2024201146 (22) 21.02.2024
 (54) Missed-Bolus Dose Detection And Related Systems, Methods And Devices
 (51) Int. Cl.
G16H 20/10 (2018.01)
G16H 50/70 (2018.01)
 (43) 14.03.2024
 (62) 2020294105
 (72) CONSTANTIN, Alexandra Elena; EGHTEHADI, Zahra
 (74) WRAYS PTY LTD

(71) Bluescope Steel Limited
 (11) AU-A-2024201159
 (21) 2024201159 (22) 22.02.2024
 (54) Corrosion protection with AL/ZN-based coatings
 (51) Int. Cl.
C23C 2/12 (2006.01)
C23C 2/06 (2006.01)
 (43) 14.03.2024
 (62) 2023208091
 (72) LIU, Qiyang; NEUFELD, Aaron Kiffer; NOLAN, David James; RENSHAW, Wayne; SHEDDEN, Bryan Andrew;

SMITH, Ross McDowall; WILLIAMS, Joe
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

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 (11) AU-A-2024201270
 (21) 2024201270 (22) 26.02.2024
 (54) COMPOSITIONS AND METHODS OF MODULATING SHORT-CHAIN DE-HYDROGENASE ACTIVITY
 (51) Int. Cl.
C07D 495/04 (2006.01)
A61K 31/4365 (2006.01)
 (43) 14.03.2024
 (62) 2022201982
 (72) MARKOWITZ, Sanford D.; YUAN, Yiyuan; ZHANG, Yongyou; READY, Joseph; HU, Bin
 (74) Oxygene IP

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024201236
 (21) 2024201236 (22) 23.02.2024
 (54) Device, systems, and methods for imaging within a body lumen
 (51) Int. Cl.
A61B 1/005 (2006.01)
A61B 8/00 (2006.01)
A61B 8/08 (2006.01)
 (43) 14.03.2024
 (62) 2020364335
 (72) DAYTON, Peter L.; WEITZNER, Barry; CHROBAK, Megan; JONES, Thomas; BODEN, Mark W.; WELDON, James; ALBRECHT, Elizabeth M.; DUVAL, George Wilfred
 (74) Spruson & Ferguson

(71) Boston Scientific Scimed Inc.
 (11) AU-A-2024201144
 (21) 2024201144 (22) 21.02.2024
 (54) Tissue acquisition helix device
 (51) Int. Cl.
A61B 17/22 (2006.01)
A61B 17/062 (2006.01)
A61B 17/00 (2006.01)
A61B 17/04 (2006.01)
A61B 17/06 (2006.01)
A61B 90/00 (2016.01)
 (43) 14.03.2024
 (62) 2020380300
 (72) WINDHEUSER, Kevin; ORTIZ GARCIA, Juan Pablo; PEREZ, Rosa Angelica; CALVO, Yeison; DEUEL, Christopher R.; BAGLEY, Kevin L.; COMEE, Shaun Dennis; BUSTAMANTE, Steven Jimenez
 (74) Spruson & Ferguson

(71) Bright Applied Products Corporation
 (11) AU-A-2024201240
 (21) 2024201240 (22) 23.02.2024
 (54) BALL STORAGE CARRIER AND HOPPER

(51) Int. Cl.
A63B 47/00 (2006.01)
A63B 47/02 (2006.01)
 (43) 14.03.2024
 (62) 2020366341
 (72) BRIGHT, Kenneth F.
 (74) Integrated IP

(71) Bromic Heating Pty Limited
 (11) AU-A-2023219853
 (21) 2023219853 (22) 22.08.2023
 (54) METHOD AND APPARATUS FOR TEMPERATURE REGULATION OF CEILING HEATER
 (51) Int. Cl.
F24H 15/128 (2022.01)
F24H 3/04 (2022.01)
F24H 9/00 (2022.01)
F24H 15/208 (2022.01)
F24H 15/345 (2022.01)
H05B 1/02 (2006.01)
 (31) 2022902501 (32) 31.08.22 (33) AU
 (43) 14.03.2024
 (72) Smith, Scott
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Calder Biosciences Inc.
 (11) AU-A-2024201200
 (21) 2024201200 (22) 22.02.2024
 (54) Conformationally specific viral immunogens
 (51) Int. Cl.
A61K 39/12 (2006.01)
A61K 39/42 (2006.01)
C12N 7/01 (2006.01)
 (43) 14.03.2024
 (62) 2021204169
 (72) MARSHALL, Christopher Patrick
 (74) Spruson & Ferguson

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 (21) 2024201270

(71) CATERPILLAR INC.
 (11) AU-A-2023216765
 (21) 2023216765 (22) 15.08.2023
 (54) METHOD FOR MONITORING OPERATION OF A HYDRAULIC SYSTEM
 (51) Int. Cl.
E02F 9/22 (2006.01)
E02F 9/26 (2006.01)
F15B 19/00 (2006.01)
 (31) 2212639.5 (32) 31.08.22 (33) GB
 (43) 14.03.2024
 (72) MA, Pengfei
 (74) FPA Patent Attorneys Pty Ltd

(71) CCTEG SHENYANG RESEARCH INSTITUTE
 (11) AU-A-2023203072
 (21) 2023203072 (22) 06.04.2023
 (54) Power Supply Method for Intrinsically-Safe Gas Chromatograph
 (51) Int. Cl.

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H02J 1/00 (2006.01)
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(43) 14.03.2024
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(74) McCabe and Company

(71) CE ITS Holdings Pty Ltd
(11) AU-A-2023219986
(21) 2023219986 **(22)** 25.08.2023
(54) Boom gate
(51) Int. Cl.
E01F 13/06 (2006.01)
B61L 29/02 (2006.01)
B61L 29/04 (2006.01)
(31) 2022902453 **(32)** 26.08.22 **(33)** AU
(43) 14.03.2024
(72) TIPPING, Nathan
(74) GLMR

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(21) 2024201239

Centre National De La Recherche Scientifique see Université Paris-Sud XI
(21) 2024201048

(71) Cepheid
(11) AU-A-2024201113
(21) 2024201113 **(22)** 21.02.2024
(54) Molecular diagnostic assay system
(51) Int. Cl.
G01N 35/00 (2006.01)
G01N 35/10 (2006.01)
B01L 3/00 (2006.01)
G01N 33/487 (2006.01)
(43) 14.03.2024
(62) 2022200255
(72) DORITY, Doug; PHAN, Tien; FROMM, David; CASLER, Rick; DICKENS, Dustin; MORITA, Stuart; PICCINI, Matthew
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(71) CHANG, T.
(11) AU-A-2023219880
(21) 2023219880 **(22)** 23.08.2023
(54) AIR-ACTUATED POWER GENERATING SYSTEM
(51) Int. Cl.
F03D 9/28 (2016.01)
F03D 9/17 (2016.01)
(31) 111132321 **(32)** 26.08.22 **(33)** TW
(43) 14.03.2024
(72) CHANG, Tien-Ming
(74) AJ PARK

(71) CHDE POLSKA S.A
(11) AU-A-2024201288
(21) 2024201288 **(22)** 27.02.2024

(54) Nanocapsule for Delivery of Lipophilic Compound and Process of Preparation Thereof
(51) Int. Cl.
A61K 9/10 (2006.01)
A61K 9/51 (2006.01)
(43) 14.03.2024
(62) 2021240279
(72) Zapotoczny, Szczepan; Szafraniec, Joanna
(74) Adams Pluck

(71) Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
(11) AU-A-2024201135
(21) 2024201135 **(22)** 21.02.2024
(54) FUSED TRI-CYCLIC COMPOUND AS PDE3/PDE4 DUAL INHIBITOR
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61P 11/08 (2006.01)
(43) 14.03.2024
(62) 2019302610
(72) LUO, Yunfu; PAN, Jianfeng; ZHANG, Guoli; SU, Sheng; WANG, Yong; CHEN, Shuhui
(74) Collison & Co

(71) China Coal Technology & Engineering Group Shenyang Engineering Company; FUSHUN CHINA COAL SCIENCE AND ENGINEERING TESTING CENTER CO., LTD; SHANDONG UNIVERSITY
(11) AU-A-2023270259
(21) 2023270259 **(22)** 23.08.2023
(54) TEMPERATURE TESTING SYSTEM AND METHOD FOR EXPLOSION-PROOF LAMP UNDER MOST UNFAVORABLE CONDITIONS
(51) Int. Cl.
G01K 13/00 (2021.01)
(31) 202211013459.6 **(32)** 23.08.22 **(33)** CN
(43) 14.03.2024
(72) ZHANG, Hongkui; ZHANG, Yue; SONG, Zhansong; LI, Tongzhe; CHANG, Haiying; WANG, Shuai; BIAN, Jianchao; WANG, Zhe; XU, Mingying; LI, Zhifu; ZHANG, Weibin; WANG, Yanhe
(74) Davies Collison Cave Pty Ltd

(71) Christie & Christie Pty Ltd
(11) AU-A-2024201101
(21) 2024201101 **(22)** 20.02.2024
(54) Novelty Nail cutting or trimming tool
(51) Int. Cl.
A45D 29/02 (2006.01)
(43) 14.03.2024
(62) 2017325595
(72) Christie, Julia
(74) Intellepro Patent & Trade Mark Attorneys

(71) CMR Surgical Limited
(11) AU-A-2024201249
(21) 2024201249 **(22)** 23.02.2024
(54) Modifying data from a surgical robotic system
(51) Int. Cl.
G06F 21/62 (2013.01)
G16H 10/60 (2018.01)
G16H 15/00 (2018.01)
G16H 20/00 (2018.01)
G16H 30/20 (2018.01)
G16H 30/40 (2018.01)
H04L 65/00 (2022.01)
(43) 14.03.2024
(62) 2020311031
(72) BISHOP, Steven; BELL, Stephen; DA SILVA, Ricardo Michael Henderson
(74) FB Rice Pty Ltd

(71) Colebrook Bosson & Saunders (Products) Limited
(11) AU-A-2023219957
(21) 2023219957 **(22)** 25.08.2023
(54) DESKTOP RISER WITH LOCKING ASSEMBLY
(51) Int. Cl.
A47B 21/02 (2006.01)
A47B 3/02 (2006.01)
A47B 17/02 (2006.01)
A47B 21/013 (2006.01)
A47B 27/14 (2006.01)
(31) 17/899,896 **(32)** 31.08.22 **(33)** US
(43) 14.03.2024
(72) LAU, Alex
(74) Griffith Hack

Cornell University see Université Paris-Sud XI
(21) 2024201048

(71) CSR Building Products Limited
(11) AU-A-2024201276
(21) 2024201276 **(22)** 26.02.2024
(54) FORMWORK SYSTEM
(51) Int. Cl.
E04G 11/00 (2006.01)
E04G 9/00 (2006.01)
(43) 14.03.2024
(62) 2018247206
(72) DARWELL, STEPHEN W.
(74) Griffith Hack

(71) Cummins Inc.; Achates Power, Inc.
(11) AU-A-2023219915
(21) 2023219915 **(22)** 24.08.2023
(54) Cylinder liner for internal combustion engine and method for installing the same
(51) Int. Cl.
F02F 1/00 (2006.01)
F02F 11/00 (2006.01)
(31) 63/373,365 **(32)** 24.08.22 **(33)** US
(43) 14.03.2024
(72) ECKROTH, David J.
(74) FB Rice Pty Ltd

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 (11) AU-A-2023251527
 (21) 2023251527 (22) 20.10.2023
 (54) Method and System for Removing Foreign Material from Images
 (51) Int. Cl.
G06T 5/77 (2024.01)
G06N 3/08 (2023.01)
G16H 30/00 (2018.01)
G16H 30/40 (2018.01)
 (43) 14.03.2024
 (62) 2022221522
 (72) PENG, Yu; LI, Xiaoxu
 (74) BOSH IP Pty Ltd

(71) Daho Enterprise LLC
 (11) AU-A-2022228119
 (21) 2022228119 (22) 07.09.2022
 (54) Human Body Vibrating Device
 (51) Int. Cl.
A61H 23/02 (2006.01)
A61H 19/00 (2006.01)
 (31) EP22193340 (32) 31.08.22 (33) EP
 (43) 14.03.2024
 (72) OR, Hilay
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) DALIAN UNIVERSITY OF TECHNOLOGY
 (11) AU-A-2022358641
 (21) 2022358641 (22) 26.09.2022
 (54) SPIKE ECHO STATE NETWORK MODEL FOR FAULT PREDICTION OF AEROENGINE
 (51) Int. Cl.
G06F 11/00 (2006.01)
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 (43) 14.03.2024
 (72) SUN, Ximing; SUN, Tao; LIU, Moran
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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 (11) AU-A-2023210610
 (21) 2023210610 (22) 03.08.2023
 (54) TUMBLER WITH VENT SHIELD
 (51) Int. Cl.
B65D 47/08 (2006.01)
A45F 3/18 (2006.01)
A47G 19/22 (2006.01)
B65D 43/26 (2006.01)
B65D 47/14 (2006.01)
B65D 51/14 (2006.01)
 (31) 17/897,137 (32) 27.08.22 (33) US
 (43) 14.03.2024
 (72) Salim, Iwan Soetomo; Vanrijckeghem, Tijs; Keymeulen, Antoon; Wierinck, Michiel
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(71) Deere & Company
 (11) AU-A-2023204713
 (21) 2023204713 (22) 17.07.2023
 (54) System for adjusting boom hinge rake angle of an agricultural sprayer and method thereof

(51) Int. Cl.
A01B 73/02 (2006.01)
A01B 63/00 (2006.01)
A01C 23/00 (2006.01)
 (31) 17/893,568 (32) 23.08.22 (33) US
 (43) 14.03.2024
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 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2023206189
 (21) 2023206189 (22) 20.07.2023
 (54) A method and system of controlling a display device on a work machine having grade control
 (51) Int. Cl.
E02F 3/76 (2006.01)
E02F 9/26 (2006.01)
G01B 11/14 (2006.01)
G01C 9/00 (2006.01)
G01S 17/42 (2006.01)
G05D 1/00 (2024.01)
 (31) 17/822455 (32) 26.08.22 (33) US
 (43) 14.03.2024
 (72) Walczynski, Sarah A.; Hammer, August D.; Leffler, Leah B.; Rausch, Bryan J.; Vuijk, Joy
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2023208154
 (21) 2023208154 (22) 27.07.2023
 (54) Trench profile determination by motion
 (51) Int. Cl.
G06T 7/55 (2017.01)
G06T 1/00 (2006.01)
G06T 17/05 (2011.01)
G06V 20/10 (2022.01)
G06V 20/68 (2022.01)
 (31) 17/900612 (32) 31.08.22 (33) US
 (43) 14.03.2024
 (72) Kise, Michio; Jung, Boyoon; Dima, Cristian
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2023208164
 (21) 2023208164 (22) 27.07.2023
 (54) Intermediate tanks for frame weight distribution
 (51) Int. Cl.
A01C 15/00 (2006.01)
A01C 7/20 (2006.01)
 (31) 63/401,766 (32) 29.08.22 (33) US
 (43) 14.03.2024
 (72) Harmon, Andrew W.; Rains, Gerald E.
 (74) Davies Collison Cave Pty Ltd

(71) Defy-Hi Robotics Pty Ltd
 (11) AU-A-2024200914
 (21) 2024200914 (22) 13.02.2024
 (54) Building envelope access system
 (51) Int. Cl.
B66C 23/20 (2006.01)
B66C 7/02 (2006.01)

B66C 9/02 (2006.01)
B66C 11/24 (2006.01)
B66C 21/02 (2006.01)
E04G 23/00 (2006.01)
B66C 23/02 (2006.01)
G01P 15/00 (2006.01)
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 (72) NICHOLLS, Oliver; BANNERMAN, Thomas Alexander; WIDIN, Abigail Grace; GONZALEZ, Lorenzo; BOUTTELL, Luke; GIOVANANGELI, Nicolas;
 CAFFIN, Bartholomew Jeremy
 (74) FB Rice Pty Ltd

De Ledebur, J. see De Ledebur, P.
 (21) 2024201186

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 (11) AU-A-2024201186
 (21) 2024201186 (22) 22.02.2024
 (54) FOLDABLE ELEVATOR STRUCTURES FOR CABIN AND SHAFT
 (51) Int. Cl.
B66B 11/02 (2006.01)
B66B 11/00 (2006.01)
B66B 9/00 (2006.01)
B66B 9/16 (2006.01)
 (43) 14.03.2024
 (62) 2022253874
 (72) DE LEDEBUR, Juan-Carlos G.; GRUBER, Stefan A.; DE LEDEBUR, Patrick-Andrew G.
 (74) Halfords IP

(71) Dexcom, Inc.
 (11) AU-A-2024201184
 (21) 2024201184 (22) 22.02.2024
 (54) Transcutaneous analyte sensors and monitors, calibration thereof, and associated methods
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61B 5/1495 (2006.01)
 (43) 14.03.2024
 (62) 2022200905
 (72) GARCIA, Arturo; SIMPSON, Peter C.; KAMATH, Apurv Ullas; BHAVARAJU, Naresh C.; VANSLYKE, Stephen J.
 (74) FB Rice Pty Ltd

(71) Distalmotion SA
 (11) AU-A-2024201164
 (21) 2024201164 (22) 22.02.2024
 (54) TRANSLATIONAL INSTRUMENT INTERFACE FOR SURGICAL ROBOT AND SURGICAL ROBOT SYSTEMS COMPRISING THE SAME
 (51) Int. Cl.
A61B 34/00 (2016.01)
A61B 34/30 (2016.01)
A61B 17/00 (2006.01)
A61B 46/10 (2016.01)
A61B 90/00 (2016.01)

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 (72) Chassot, Julien; Friedrich, Michael
 (74) RnB IP Pty Ltd

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 (11) AU-A-2024201052
 (21) 2024201052 (22) 19.02.2024
 (54) IMPROVED SUBBAND BLOCK
 BASED HARMONIC TRANSPOSITION
 (51) Int. Cl.
 G10L 19/02 (2013.01)
 G10L 21/038 (2013.01)
 G10L 21/04 (2013.01)
 G10L 19/022 (2013.01)
 G10L 25/18 (2013.01)

(43) 14.03.2024
 (62) 2023202547
 (72) Villemoes, Lars
 (74) Chrysiliou IP

(71) Duracell U.S. Operations, Inc.
 (11) AU-A-2024201197
 (21) 2024201197 (22) 22.02.2024
 (54) Battery including beta-delithiated
 layered nickel oxide electrochemically
 active cathode material
 (51) Int. Cl.
 H01M 4/42 (2006.01)
 H01M 4/24 (2006.01)
 H01M 4/52 (2010.01)
 H01M 6/04 (2006.01)

(43) 14.03.2024
 (62) 2021258092
 (72) ANGLIN, David Lloyd; NELSON, Jen-
 nifer Anne; CHRISTIAN, Paul Albert
 (74) Griffith Hack

(71) Dux Industries Limited
 (11) AU-A-2023222856
 (21) 2023222856 (22) 29.08.2023
 (54) CONNECTOR
 (51) Int. Cl.
 F16L 37/092 (2006.01)
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 (31) 791876 (32) 29.08.22 (33) NZ
 (43) 14.03.2024
 (72) Hendry, Andrew Deane
 (74) ET Intellectual Property

(71) Dyno Nobel Inc.
 (11) AU-A-2024201133
 (21) 2024201133 (22) 21.02.2024
 (54) Inhibited emulsions for use in blasting
 in reactive ground or under high tem-
 perature conditions
 (51) Int. Cl.
 F42D 1/10 (2006.01)
 C06B 23/00 (2006.01)
 E21B 43/263 (2006.01)
 E21C 41/00 (2006.01)
 F42D 1/12 (2006.01)
 F42D 1/24 (2006.01)
 F42D 3/00 (2006.01)

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 (62) 2019223954
 (72) NELSON, Casey L.; GORDON, Lynn;
 HUNSAKER, Dave; HALANDER, John
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(71) Eisai R&D Management Co., Ltd.; Epi-
 zyme, Inc.
 (11) AU-A-2024201171
 (21) 2024201171 (22) 22.02.2024
 (54) METHOD FOR TREATING CANCER
 (51) Int. Cl.
 A61K 31/5377 (2006.01)
 A61K 9/22 (2006.01)
 A61P 35/00 (2006.01)

(43) 14.03.2024
 (62) 2021204706
 (72) Keilhack, Heike; Truitt, Brett; Suzuki,
 Yuta; Murase, Tsukasa; Shikata, Futo-
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 (74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) Emerson Automation Solutions Final
 Control US LP
 (11) AU-A-2024201215
 (21) 2024201215 (22) 23.02.2024
 (54) Sealing assembly for a knife gate valve
 (51) Int. Cl.
 F16K 3/02 (2006.01)
 F16K 27/04 (2006.01)

(43) 14.03.2024
 (62) 2021335203
 (72) NGUYEN, Kenneth; WOODHEAD,
 Peter; NGUYEN, Viet
 (74) Spruson & Ferguson

(71) Epizyme, Inc.
 (11) AU-A-2024201165
 (21) 2024201165 (22) 22.02.2024
 (54) AMINE-SUBSTITUTED HETEROCYC-
 LIC COMPOUNDS AS EHMT2 IN-
 HIBITORS, SALTS THEREOF, AND
 METHODS OF SYNTHESIS THEREOF
 (51) Int. Cl.
 C07D 239/42 (2006.01)
 A61K 31/4709 (2006.01)
 A61K 31/506 (2006.01)
 C07D 401/12 (2006.01)

(43) 14.03.2024
 (62) 2018353122
 (72) CAMPBELL, John Emmerson;
 DUNCAN, Kenneth William; MILLS,
 James Edward John; MUNCHHOF, Mi-
 chael John
 (74) Pizzeys Patent and Trade Mark Attor-
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 Co., Ltd.

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(71) Estetra SRL
 (11) AU-A-2024201228
 (21) 2024201228 (22) 23.02.2024

(54) Orodispersible dosage unit containing
 an estetrol component
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 9/20 (2006.01)
 A61K 31/565 (2006.01)

(43) 14.03.2024
 (62) 2022283615
 (72) JASPART, Séverine Francine Isabelle;
 PLATTEEUW, Johannes Jan; VAN DEN
 HEUVEL, Denny Johan Marijn
 (74) Griffith Hack

(71) Face International Corporation
 (11) AU-A-2024201218
 (21) 2024201218 (22) 23.02.2024
 (54) SYSTEMS AND METHODS FOR PRO-
 DUCING OBJECTS INCORPORAT-
 ING SELECTABLY ACTIVE ELECTRO-
 MAGNETIC ENERGY FILTERING LAY-
 ERS
 (51) Int. Cl.
 G02F 1/01 (2006.01)
 B60J 3/04 (2006.01)
 E06B 9/24 (2006.01)
 G02F 1/13 (2006.01)
 G02F 1/167 (2019.01)

(43) 14.03.2024
 (62) 2021229230
 (72) Boyd, Clark D.; Face, Bradbury R.;
 Shepard, Jeffrey D.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024201261
 (21) 2024201261 (22) 26.02.2024
 (54) RESPIRATORY GAS HUMIDIFICA-
 TION SYSTEM
 (51) Int. Cl.
 A61M 16/16 (2006.01)
 A61M 39/08 (2006.01)

(43) 14.03.2024
 (62) 2021245180
 (72) STOKS, Elmo Benson; NORTH,
 Charles Christopher; OSBORNE, Ham-
 ish; VADNERKAR, Abhishek; KEHOE,
 Jim; LIU, Po-Yen (David); JACKSON,
 John James; SHVARCHUCK, Igor Yev-
 geniiovich; SUJAU, Mahran Maumoon;
 PATEL, Sanjay Parag
 (74) AJ PARK

(71) Flexi Oscar d.o.o.
 (11) AU-A-2023216893
 (21) 2023216893 (22) 18.08.2023
 (54) An external load bearing distracting
 device for an articulating anatomical
 joint
 (51) Int. Cl.
 A61B 17/64 (2006.01)
 A61B 17/66 (2006.01)
 A61B 17/84 (2006.01)

(31) 17/897883 (32) 29.08.22 (33) US
 (43) 14.03.2024
 (72) Mislav, Jelic
 (74) FPA Patent Attorneys Pty Ltd

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(71) Formation AG International, LLC
 (11) AU-A-2023219838
 (21) 2023219838 (22) 22.08.2023
 (54) Stalky crop harvesting system and process
 (51) Int. Cl.
 A01D 47/00 (2006.01)
 A01D 41/14 (2006.01)
 A01D 41/16 (2006.01)
 (31) 63/373,524 (32) 25.08.22 (33) US
 (43) 14.03.2024
 (72) HEFNER, Corbett
 (74) Spruson & Ferguson

(71) FUNCTION (QINGDAO) MARINE TECHNOLOGY CO., LTD.
 (11) AU-A-2023208144
 (21) 2023208144 (22) 26.07.2023
 (54) PROCESS FOR PRODUCING ANT-ARCTIC KRILL OIL
 (51) Int. Cl.
 C11B 3/10 (2006.01)
 C11B 1/10 (2006.01)
 C11B 3/04 (2006.01)
 (31) 202211036577.9 (32) 29.08.22 (33) CN
 (43) 14.03.2024
 (72) YANG, Qingli; ZHOU, Fang; GAO, Yicheng; JIANG, Guoliang; LV, Lingtao; HOU, Xiudan
 (74) MOHAN MURALI KODIVEL

FUSHUN CHINA COAL SCIENCE AND ENGINEERING TESTING CENTER CO., LTD
 see China Coal Technology & Engineering Group Shenyang Engineering Company
 (21) 2023270259

(71) Getac Technology Corporation
 (11) AU-A-2023201410
 (21) 2023201410 (22) 07.03.2023
 (54) METHOD FOR SHARING CONSOLE VARIABLE SETTING OF APPLICATION AND SYSTEM WITH PLURALITY OF ELECTRONIC DEVICES
 (51) Int. Cl.
 G06F 16/178 (2019.01)
 G06F 15/177 (2006.01)
 G06F 16/27 (2019.01)
 G06K 19/06 (2006.01)
 (31) 63/402,029 (32) 29.08.22 (33) US
 (43) 14.03.2024
 (72) Kuo, Chun-Yu; Liu, Da-Ke; Cheng, Shih-Hui
 (74) Baxter Patent Attorneys Pty Ltd

(71) Getac Technology Corporation
 (11) AU-A-2023202635
 (21) 2023202635 (22) 28.04.2023
 (54) SCANNING METHOD, ELECTRONIC DEVICE AND PROCESSING SYSTEM FOR MULTIPLE BARCODES
 (51) Int. Cl.
 G06K 7/00 (2006.01)
 G06K 19/00 (2006.01)
 (31) 63/402,029 (32) 29.08.22 (33) US

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 (72) KUO, Chun-Yu; LIU, Da-Ke
 (74) Baxter Patent Attorneys Pty Ltd

(71) GE Video Compression, LLC
 (11) AU-A-2024201207
 (21) 2024201207 (22) 22.02.2024
 (54) Context initialization in entropy coding
 (51) Int. Cl.
 H03M 7/42 (2006.01)
 (43) 14.03.2024
 (62) 2022291506
 (72) GEORGE, Valeri; BROSS, Benjamin; KIRCHHOFFER, Heiner; MARPE, Detlev; NGUYEN, Tung; PREISS, Matthias; SIEKMANN, Mischa; STEGMANN, Jan; WIEGAND, Thomas
 (74) Griffith Hack

(71) Globeride, Inc.
 (11) AU-A-2023203916
 (21) 2023203916 (22) 21.06.2023
 (54) FISHING REEL AND ONE-WAY CLUTCH
 (51) Int. Cl.
 A01K 89/01 (2006.01)
 A01K 89/015 (2006.01)
 (31) 2022-135548 (32) 29.08.22 (33) JP
 (43) 14.03.2024
 (72) TSUSHIMA, Daisuke; HORIE, Hironori
 (74) Griffith Hack

(71) Globeride, Inc.
 (11) AU-A-2023204084
 (21) 2023204084 (22) 27.06.2023
 (54) ONE-WAY CLUTCH AND FISHING REEL
 (51) Int. Cl.
 A01K 89/015 (2006.01)
 A01K 89/01 (2006.01)
 B65H 75/44 (2006.01)
 (31) 2022-135549 (32) 29.08.22 (33) JP
 (43) 14.03.2024
 (72) TSUSHIMA, Daisuke; HORIE, Hironori
 (74) Griffith Hack

(71) Goodspace
 (11) AU-A-2022224777
 (21) 2022224777 (22) 31.08.2022
 (54) Novel therapeutic chewing gum for reducing stress and anxiety
 (51) Int. Cl.
 A61K 36/81 (2006.01)
 A61K 9/68 (2006.01)
 A61P 25/22 (2006.01)
 (43) 14.03.2024
 (72) Taylor, Michael
 (74) Goodspace

(71) Gough Industries Pty. Ltd.
 (11) AU-A-2023214224
 (21) 2023214224 (22) 07.08.2023
 (54) A ROOF ASSEMBLY FOR A STOCK FEEDER
 (51) Int. Cl.
 E04D 13/04 (2006.01)

A01K 5/01 (2006.01)
 E04B 7/16 (2006.01)
 E04H 5/08 (2006.01)
 (31) 2022902409 (32) 23.08.22 (33) AU
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 (72) Hollier, David
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

Gruber, S. see De Ledebur, P.
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 (21) 2022224702

(71) Gurney, G.; Gurney, L.; Ward, T.; Ward, S.
 (11) AU-A-2022224702
 (21) 2022224702 (22) 29.08.2022
 (54) Drink can and bottle capping devices
 (51) Int. Cl.
 B65D 51/00 (2006.01)
 B65D 39/08 (2006.01)
 B65D 43/06 (2006.01)
 B65D 55/16 (2006.01)
 (43) 14.03.2024
 (72) Gurney, Glen; Gurney, Linda; Ward, Tim; Ward, Sharon
 (74) Patentec Patent Attorneys

(71) HaGePe International B.V.; Cenergist Limited
 (11) AU-A-2024201239
 (21) 2024201239 (22) 23.02.2024
 (54) Device for limiting or keeping constant a flowing quantity of liquid
 (51) Int. Cl.
 G05D 7/01 (2006.01)
 E03C 1/02 (2006.01)
 F15D 1/02 (2006.01)
 (43) 14.03.2024
 (62) 2020315498
 (72) VAN DER UPWICH, Stijn
 (74) Spruson & Ferguson

(71) Hand 2 Heart Holdings Pty Ltd
 (11) AU-A-2023216807
 (21) 2023216807 (22) 16.08.2023
 (54) Fabric
 (51) Int. Cl.
 D03D 15/56 (2021.01)
 D01F 1/10 (2006.01)
 D02G 3/04 (2006.01)
 D03D 15/283 (2021.01)
 D03D 15/47 (2021.01)
 D02G 3/44 (2006.01)
 (31) 2022902411 (32) 23.08.22 (33) AU
 (43) 14.03.2024
 (72) Lee, Kim
 (74) BOSH IP Pty Ltd

(71) Hengdian Group DMEGC Magnetics Co., Ltd.
 (11) AU-A-2022279371
 (21) 2022279371 (22) 10.10.2022

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 (51) Int. Cl.
H01L 31/0224 (2006.01)
B41F 15/12 (2006.01)
H01L 31/18 (2006.01)
 (31) 202211021116.4 (32) 24.08.22 (33) CN
 (43) 14.03.2024
 (72) LI, Chunhui; HE, Yue; YE, Zhangbo; LOU, Caixin; LI, Zhigang; JIANG, Zuo; LV, Junnan
 (74) Madderns Pty Ltd

(71) HG Molenaar & Co (Pty) Ltd.
 (11) AU-A-2023202055
 (21) 2023202055 (22) 04.04.2023
 (54) An apparatus for and a method of deshelling nuts
 (51) Int. Cl.
A23N 5/08 (2006.01)
A47J 43/26 (2006.01)
 (31) 2022/09498 (32) 25.08.22 (33) ZA
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 (72) THRING, Tom Lawrence; MOLENAAR, Martin Werner; MOLENAAR, Cornelis Jacobus
 (74) Spruson & Ferguson

(71) Hill's Pet Nutrition, Inc.
 (11) AU-A-2024201198
 (21) 2024201198 (22) 22.02.2024
 (54) Pet food compositions
 (51) Int. Cl.
A23K 10/00 (2016.01)
A23K 10/30 (2016.01)
A23K 20/163 (2016.01)
A23K 20/20 (2016.01)
A23K 50/40 (2016.01)
A23K 50/42 (2016.01)
A23K 50/45 (2016.01)
A23K 50/48 (2016.01)
 (43) 14.03.2024
 (62) 2021253003
 (72) WERNIMONT, Susan; GROSS, Kathy; JACKSON, Matthew; STORMER, Andrew
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Hinson Harris Family Trust
 (11) AU-A-2022221443
 (21) 2022221443 (22) 24.08.2022
 (54) New App and Real Estate Program
 (51) Int. Cl.
G06Q 50/163 (2024.01)
G06Q 30/06 (2023.01)
 (43) 14.03.2024
 (72) Harris, Sarah
 (74) Hinson Harris Family Trust

(71) Howmedica Osteonics Corp.
 (11) AU-A-2023285865
 (21) 2023285865 (22) 21.12.2023
 (54) Modular humeral head
 (51) Int. Cl.
A61F 2/40 (2006.01)

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 (62) 2022202353
 (72) KNOX, Kevin P.; MUTCHLER, Austin Wyatt; NELSON, Michael C.; STUMP, David R.
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(71) Howmedica Osteonics Corp.
 (11) AU-A-2024201104
 (21) 2024201104 (22) 20.02.2024
 (54) Pre-operative planning and intra operative guidance for orthopedic surgical procedures in cases of bone fragmentation
 (51) Int. Cl.
A61B 34/10 (2016.01)
G06T 7/00 (2017.01)
G06T 7/149 (2017.01)
G06T 7/35 (2017.01)
G16H 50/50 (2018.01)
A61B 90/00 (2016.01)
A61F 2/40 (2006.01)
 (43) 14.03.2024
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 (72) CHAOUI, Jean; POLTARETSKYI, Sergii
 (74) FB Rice Pty Ltd

Huang, K. see Lai, Z.
 (21) 2022279437

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024201095
 (21) 2024201095 (22) 20.02.2024
 (54) METHOD AND APPARATUS OF CROSS-COMPONENT LINEAR MODELING FOR INTRA PREDICTION
 (51) Int. Cl.
H04N 19/105 (2014.01)
 (43) 14.03.2024
 (62) 2019419322
 (72) FILIPPOV, Alexey Konstantinovich; RUFITSKIY, Vasily Alexeevich; CHEN, Jianle; MA, Xiang
 (74) Halfords IP

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024201127
 (21) 2024201127 (22) 21.02.2024
 (54) ENCODER, DECODER AND CORRESPONDING METHODS USING DCT2 ENABLED HIGH LEVEL FLAG
 (51) Int. Cl.
H04N 19/13 (2014.01)
 (43) 14.03.2024
 (62) 2020206492
 (72) Gao, Han; Chen, Jianle; Esenlik, Semih; Kotra, Anand Meher; Wang, Biao
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024201140
 (21) 2024201140 (22) 21.02.2024
 (54) AN ENCODER, A DECODER AND CORRESPONDING METHODS USING IBC MERGE LIST

(51) Int. Cl.
H04N 19/52 (2014.01)
H04N 19/593 (2014.01)
 (43) 14.03.2024
 (62) 2020233003
 (72) Gao, Han; Esenlik, Semih; Wang, Biao; Kotra, Anand Meher; Chen, Jianle
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024201141
 (21) 2024201141 (22) 21.02.2024
 (54) THE METHOD AND APPARATUS FOR INTRA SUB-PARTITIONS CODING MODE
 (51) Int. Cl.
H04N 19/159 (2014.01)
H04N 19/186 (2014.01)
 (43) 14.03.2024
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 (72) Chernyak, Roman Igorevich; Solovyev, Timofey Mikhailovich; Zhao, Yin; Ikonin, Sergey Yurievich; Chen, Jianle
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024201152
 (21) 2024201152 (22) 22.02.2024
 (54) AN ENCODER, A DECODER AND CORRESPONDING METHODS USING INTRA MODE CODING FOR INTRA PREDICTION
 (51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/593 (2014.01)
 (43) 14.03.2024
 (62) 2020227859
 (72) Wang, Biao; Esenlik, Semih; Kotra, Anand Meher; Gao, Han; Chen, Jianle
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024201183
 (21) 2024201183 (22) 22.02.2024
 (54) AN ENCODER, A DECODER AND CORRESPONDING METHODS RELATED TO INTRA PREDICTION MODE
 (51) Int. Cl.
H04N 19/186 (2014.01)
H04N 19/11 (2014.01)
H04N 19/159 (2014.01)
H04N 19/176 (2014.01)
 (43) 14.03.2024
 (62) 2020318106
 (72) Wang, Biao; Esenlik, Semih; Gao, Han; Kotra, Anand Meher; Alshina, Elena Alexandrovna
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Icahn School of Medicine at Mount Sinai; Memorial Sloan-Kettering Cancer Center; Merck Sharp & Dohme LLC
 (11) AU-A-2024201139
 (21) 2024201139 (22) 21.02.2024
 (54) Newcastle disease viruses and uses thereof

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A61K 39/00 (2006.01)
A61K 35/768 (2015.01)
A61K 39/17 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
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C12N 15/86 (2006.01)
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(71) Illinois Tool Works Inc.
(11) AU-A-2024201285
(21) 2024201285 (22) 27.02.2024
(54) Conveyor dishwasher for cleaning washware
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A47L 15/00 (2006.01)
A47L 15/24 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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C12Q 1/68 (2018.01)
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(54) METHODS OF PREPARING CYTOTOXIC BENZODIAZEPINE DERIVATIVES
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C07C 205/19 (2006.01)
C07D 207/452 (2006.01)
C07D 487/04 (2006.01)
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(72) Baudouin, Gérard; Silva, Richard; Miller, Michael; Shizuka, Manami
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(71) INCYTE CORPORATION
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(54) PYRROLOTRIAZINE COMPOUNDS AS TAM INHIBITORS
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A61K 31/519 (2006.01)
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(71) Indian Oil Corporation Limited
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(21) 2023219850 (22) 22.08.2023
(54) A process for synthesis of B-site doped ABX₃ perovskite nanocrystals
(51) Int. Cl.
C30B 7/08 (2006.01)
C09K 11/08 (2006.01)
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C09K 11/74 (2006.01)
(31) 202221048238 (32) 24.08.22 (33) IN
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(71) Indivior Inc.; Aegis Therapeutics, LLC
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(21) 2024201047 (22) 19.02.2024
(54) Compositions and methods for the treatment of opioid overdose
(51) Int. Cl.
A61K 31/485 (2006.01)
A61K 31/05 (2006.01)
A61P 25/36 (2006.01)
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(74) FB Rice Pty Ltd

(71) INNATE PHARMA
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(54) MULTISPECIFIC NKp46 BINDING PROTEINS
(51) Int. Cl.
C07K 16/28 (2006.01)
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(43) 14.03.2024
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(72) GAUTHIER, Laurent; ANCERIZ, Nadia; MOREL, Ariane; ROSSI, Benjamin
(74) Blue Penguin IP Ltd

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C12N 15/113 (2010.01)
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(74) Davies Collison Cave Pty Ltd

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(21) 2024201160 (22) 22.02.2024
(54) Process for preparing large size isoxazoline particles
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C07D 261/04 (2006.01)
A01N 43/80 (2006.01)
A61K 31/42 (2006.01)
A61P 33/14 (2006.01)
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(11) AU-A-2024201169
(21) 2024201169 (22) 22.02.2024
(54) Injectable isoxazoline pharmaceutical compositions and their use against parasite infestation
(51) Int. Cl.
C07D 261/04 (2006.01)
A01N 43/80 (2006.01)
A61K 9/00 (2006.01)
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(72) FREEHAUF, Keith A.; CARRILLO, Brian
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(11) AU-A-2024201273
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(54) Panel for audible monitoring of electrical components and the detection of electrical faults
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G01R 31/28 (2006.01)
G08B 3/10 (2006.01)
H02H 1/00 (2006.01)
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 F16K 11/00 (2006.01)
 E02F 9/22 (2006.01)
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- (71) Jones, J.
 (11) AU-A-2023219989
 (21) 2023219989 (22) 27.08.2023
 (54) SAMPLING CAPSULE SYSTEMS AND METHODS
 (51) Int. Cl.
 A61B 10/00 (2006.01)
 A61B 5/00 (2006.01)
 (31) 18234063 (32) 15.08.23 (33) US
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 (72) Jones, James
 (74) Arno T. Naeckel
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- (71) JOST-Werke Deutschland GmbH
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 (51) Int. Cl.
 B60R 11/04 (2006.01)
 B60D 1/01 (2006.01)
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 B60R 1/00 (2022.01)
 B62D 53/08 (2006.01)
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- (71) Joy Global Surface Mining Inc
 (11) AU-A-2024201108
 (21) 2024201108 (22) 20.02.2024
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- (71) Modular ground engagement tooling system
 (51) Int. Cl.
 E02F 9/28 (2006.01)
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 (72) POPP, James R.; NICOSON, Richard
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 (54) Construction management system and construction management method
 (51) Int. Cl.
 G06Q 50/08 (2012.01)
 E02D 17/18 (2006.01)
 E02F 9/20 (2006.01)
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 (72) SHIKE, Chikashi; NEMOTO, Yuichi; KURIHARA, Masahiro
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 (11) AU-A-2023200980
 (21) 2023200980 (22) 20.02.2023
 (54) Spacer assembly and associated method for spacing a window or door frame from surrounding framework
 (51) Int. Cl.
 E06B 1/60 (2006.01)
 E04F 21/00 (2006.01)
 (31) 2022902477 (32) 29.08.22 (33) AU
 (43) 14.03.2024
 (72) Krizaj, Carlo
 (74) Cooper IP Pty Ltd
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- (71) Lai, Z.; Huang, K.
 (11) AU-A-2022279437
 (21) 2022279437 (22) 30.11.2022
 (54) PREPARATION METHOD AND APPLICATION OF TRADITIONAL CHINESE MEDICINE COMPOSITION FOR TREATING COVID-19
 (51) Int. Cl.
 A61K 36/233 (2006.01)
 A61K 9/48 (2006.01)
 A61K 36/288 (2006.01)
 A61K 36/346 (2006.01)
 A61K 36/355 (2006.01)
 A61K 36/481 (2006.01)
 A61K 36/53 (2006.01)
 A61K 36/539 (2006.01)
 A61K 36/634 (2006.01)
 A61K 36/72 (2006.01)
 A61P 31/14 (2006.01)
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 A61Q 5/04 (2006.01)
 A45D 7/04 (2006.01)
 A45D 7/06 (2006.01)
 A61K 8/06 (2006.01)
 A61K 8/19 (2006.01)
 A61K 8/22 (2006.01)
 A61Q 5/06 (2006.01)
 C07C 39/04 (2006.01)
 (31) 18/444,693 (32) 18.02.24 (33) US
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 (74) Belyea IP
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- (71) Leadfarm (Australia) Pty Ltd
 (11) AU-A-2024201110
 (21) 2024201110 (22) 21.02.2024
 (54) Herbicide preparations and processes for manufacture thereof
 (51) Int. Cl.
 A01N 47/36 (2006.01)
 A01P 13/00 (2006.01)
 A01N 25/12 (2006.01)
 A01N 25/30 (2006.01)
 (43) 14.03.2024
 (62) 2022200414
 (72) Zhang, Hui Ming; Zhang, Yi Xiang
 (74) Davies Collison Cave Pty Ltd
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- (71) Leadfarm (Australia) Pty Ltd
 (11) AU-A-2024201111
 (21) 2024201111 (22) 21.02.2024
 (54) Preparation method of high content saflufenacil
 (51) Int. Cl.
 A01N 43/54 (2006.01)
 A01N 25/14 (2006.01)
 A01N 25/30 (2006.01)
 A01P 13/00 (2006.01)
 (43) 14.03.2024
 (62) 2021221601
 (72) Zhang, Yi Xiang; Zhang, Hui Ming
 (74) Davies Collison Cave Pty Ltd
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- (71) LG Electronics Inc.
 (11) AU-A-2024201124
 (21) 2024201124 (22) 21.02.2024
 (54) IMAGE DECODING METHOD AND DEVICE FOR DERIVING WEIGHT INDEX INFORMATION FOR GENERATION OF PREDICTION SAMPLE
 (51) Int. Cl.
 H04N 19/527 (2014.01)
 H04N 19/105 (2014.01)
 H04N 19/109 (2014.01)
 H04N 19/132 (2014.01)
 H04N 19/137 (2014.01)
 H04N 19/176 (2014.01)
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 (74) Dentons Patent Attorneys Australasia Limited

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 (21) 2024201210 (22) 23.02.2024
 (54) TRANSFORM-BASED IMAGE CODING METHOD AND DEVICE THEREFOR
 (51) Int. Cl.
H04N 19/61 (2014.01)
H04N 19/11 (2014.01)
H04N 19/18 (2014.01)
H04N 19/186 (2014.01)
H04N 19/593 (2014.01)
H04N 19/70 (2014.01)
 (43) 14.03.2024
 (62) 2020374347
 (72) KOO, Moonmo; JANG, Hyeongmoon; KIM, Seunghwan; LIM, Jaehyun
 (74) Dentons Patent Attorneys Australasia Limited

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 (21) 2023222909

(71) Loxo Oncology, Inc.
 (11) AU-A-2024201263
 (21) 2024201263 (22) 26.02.2024
 (54) Dosing of a Bruton's Tyrosine Kinase inhibitor
 (51) Int. Cl.
A61K 31/415 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
 (43) 14.03.2024
 (62) 2020397034
 (72) BRANDHUBER, Barbara Jean; KU, Nora Chien Yee; NANDA, Nisha; SMITH, Steven August; TSAI, Donald
 (74) Spruson & Ferguson

(71) Lynk Pharmaceuticals Co. Ltd.
 (11) AU-A-2024201125
 (21) 2024201125 (22) 21.02.2024
 (54) BENZAMIDES OF PYRAZOLYL-AMINO-PYRIMIDINYL DERIVATIVES, AND COMPOSITIONS AND METHODS THEREOF
 (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/506 (2006.01)
A61P 37/00 (2006.01)
C07D 401/02 (2006.01)
C07D 401/14 (2006.01)
C07D 403/00 (2006.01)
C07D 405/00 (2006.01)

(43) 14.03.2024
 (62) 2019399939
 (72) WAN, Zhaokui; VAZQUEZ, Michael Lawrence; LI, Xiaodong
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Lynk Pharmaceuticals Co. Ltd.
 (11) AU-A-2024201128
 (21) 2024201128 (22) 21.02.2024
 (54) BENZAMIDES OF PYRAZOLYL-AMINO-PYRIMIDINYL DERIVATIVES, AND COMPOSITIONS AND METHODS THEREOF
 (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/506 (2006.01)
A61P 37/00 (2006.01)
C07D 401/02 (2006.01)
C07D 401/14 (2006.01)
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 (72) WAN, Zhaokui; VAZQUEZ, Michael Lawrence; LI, Xiaodong
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) M&H Technical Research Institute Co., LTD.
 (11) AU-A-2024201247
 (21) 2024201247 (22) 23.02.2024
 (54) Board material processing composition, board material laminate, and method for manufacturing board material laminate
 (51) Int. Cl.
C09K 21/02 (2006.01)
B27D 1/04 (2006.01)
B27K 3/20 (2006.01)
B27K 3/32 (2006.01)
C09K 21/04 (2006.01)
 (43) 14.03.2024
 (62) 2022262491
 (72) HATTORI, Toshinori
 (74) Spruson & Ferguson

(71) M&H Technical Research Institute Co., LTD.
 (11) AU-A-2024201248
 (21) 2024201248 (22) 23.02.2024
 (54) Board material processing composition, board material laminate, and method for manufacturing board material laminate
 (51) Int. Cl.
C09K 21/02 (2006.01)
B27D 1/04 (2006.01)
B27K 3/20 (2006.01)
B27K 3/32 (2006.01)
C09K 21/04 (2006.01)
 (43) 14.03.2024
 (62) 2022262491
 (72) HATTORI, Toshinori
 (74) Spruson & Ferguson

(71) Magic Leap, Inc.
 (11) AU-A-2024201098
 (21) 2024201098 (22) 20.02.2024
 (54) Systems and methods for manipulating light from ambient light sources
 (51) Int. Cl.

G02B 27/01 (2006.01)
B29D 11/00 (2006.01)
G02B 5/18 (2006.01)
G06T 1/00 (2006.01)
G09G 5/00 (2006.01)
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 (62) 2023200386
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 (74) Davies Collison Cave Pty Ltd

(71) Magic Leap, Inc.
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 (21) 2024201233 (22) 23.02.2024
 (54) Virtual and augmented reality systems and methods
 (51) Int. Cl.
H04J 14/00 (2006.01)
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 (62) 2023203920
 (72) Schowengerdt, Brian
 (74) Davies Collison Cave Pty Ltd

(71) Mahindra & Mahindra Limited
 (11) AU-A-2023222862
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 (54) POLYMER COMPOSITE
 (51) Int. Cl.
C08J 5/04 (2006.01)
C03C 13/06 (2006.01)
C08J 3/20 (2006.01)
C08K 9/06 (2006.01)
 (31) 202241049305 (32) 29.08.22 (33) IN
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 (72) Balaji, Kv; Naebe, Minoo; Moghaddam, Kamyar Shirvani
 (74) Madderns Pty Ltd

(71) MAKO Surgical Corp.
 (11) AU-A-2024201278
 (21) 2024201278 (22) 26.02.2024
 (54) Navigation systems and methods for reducing tracking interruptions during a surgical procedure
 (51) Int. Cl.
A61B 34/20 (2016.01)
 (43) 14.03.2024
 (62) 2022200731
 (72) Moctezuma De La Barrera, Jose Luis; Malackowski, Donald W.
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 (21) 2024201053 (22) 19.02.2024
 (54) D-methadone and its derivatives for use in the treatment of disorders of the nervous system
 (51) Int. Cl.
A61K 31/485 (2006.01)
A61P 25/00 (2006.01)
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 (72) MANFREDI, Paolo L.; INTURRISI, Charles E.
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 (11) AU-A-2024201180
 (21) 2024201180 (22) 22.02.2024
 (54) Digital wallet for the provisioning and management of tokens
 (51) Int. Cl.
G06Q 20/32 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
 (43) 14.03.2024
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 (74) Davies Collison Cave Pty Ltd

(71) MedImmune Limited
 (11) AU-A-2023285832
 (21) 2023285832 (22) 21.12.2023
 (54) CHIMERIC PROTEIN COMPOSED OF NGF ANTAGONIST DOMAIN AND A TNFA ANTAGONIST DOMAIN
 (51) Int. Cl.
C07K 16/22 (2006.01)
A61K 39/00 (2006.01)
C07K 14/48 (2006.01)
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 (72) Schofield, Darren; Sleeman, Matthew Alexander; Chessell, Iain Patrick; Hatcher, Jonathan; Lowe, David
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 (21) 2024201139

(71) Merck Sharp & Dohme LLC; Adimab, LLC
 (11) AU-A-2024201084
 (21) 2024201084 (22) 20.02.2024
 (54) Anti-coagulation factor XI antibodies
 (51) Int. Cl.
C07K 16/36 (2006.01)
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 (72) CHEN, Zhu; ELLSWORTH, Kenneth P.; MILLIGAN, James; OLDHAM, Elizabeth; SEIFFERT, Dietmar; GANTI, Vaishnavi; TABRIZIFARD, Mohammad; PRINZ, Bianca
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 (21) 2024201139

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(54) IL-2 muteins for treating autoimmune and inflammatory diseases
 (51) Int. Cl.
C07K 14/55 (2006.01)
A61K 38/00 (2006.01)
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(71) Merck Sharp & Dohme LLC
 (11) AU-A-2024201265
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 (54) Compositions comprising Streptococcus pneumoniae polysaccharide-protein conjugates and methods of use thereof
 (51) Int. Cl.
A61K 39/09 (2006.01)
A61P 31/04 (2006.01)
 (43) 14.03.2024
 (62) 2019401535
 (72) ABEYGUNAWARDANA, Chitrananda; CUI, Yadong Adam; FERRERO, Romulo; HE, Jian; MUSEY, Luwy; PETIGARA, Tanaz; SKINNER, Julie M.
 (74) Spruson & Ferguson

(71) Mettler Packaging Pty. Ltd.
 (11) AU-A-2023219827
 (21) 2023219827 (22) 22.08.2023
 (54) Plastic film bag, in particular tamper-proof plastic film bag, blank for a plastic film bag and use of the plastic film bag as transport and/or packaging container
 (51) Int. Cl.
B65D 33/04 (2006.01)
B65D 30/10 (2006.01)
B65D 33/02 (2006.01)
B65D 33/08 (2006.01)
 (31) 22191983.0 (32) 24.08.22 (33) EP
 (43) 14.03.2024
 (72) Donner, Rene; Eberhard, Patrick
 (74) Davies Collison Cave Pty Ltd

(71) MFTB Holdco, Inc.
 (11) AU-A-2023201121
 (21) 2023201121 (22) 24.02.2023
 (54) Automated generation and use of building information from analysis of floor plans and acquired building images
 (51) Int. Cl.
G06F 30/27 (2020.01)
G06T 7/70 (2017.01)
G06T 19/20 (2011.01)
G06V 10/44 (2022.01)
G06V 10/82 (2022.01)
G06V 20/64 (2022.01)
 (31) 17/897,147 (32) 27.08.22 (33) US
 (43) 14.03.2024
 (72) Penner, Eric M.; Khosravan, Naji; Kang, Sing Bing; Wang, Lichen; Bessinger, Zachary S.
 (74) Davies Collison Cave Pty Ltd

(71) Minesense Technologies Ltd.
 (11) AU-A-2024201162
 (21) 2024201162 (22) 22.02.2024
 (54) MINING SHOVEL WITH COMPOSITIONAL SENSORS
 (51) Int. Cl.
E02F 9/20 (2006.01)
E02F 3/40 (2006.01)
E21C 27/30 (2006.01)
 (43) 14.03.2024
 (62) 2023202061
 (72) Bamber, Andrew Sherliker; Alatrash, Ali; Petrovic, Igor; Desaulniers, Greg
 (74) CreatelP

(71) Mine Signs Pty Ltd
 (11) AU-A-2022221452
 (21) 2022221452 (22) 24.08.2022
 (54) Lighting Box
 (51) Int. Cl.
G09F 13/04 (2006.01)
G09F 13/06 (2006.01)
G09F 13/08 (2006.01)
G02B 5/12 (2006.01)
F21Y 101/00 (2016.01)
 (43) 14.03.2024
 (72) Merz, Carl
 (74) Raven IP

(71) Mobileye Vision Technologies Ltd.
 (11) AU-A-2024201123
 (21) 2024201123 (22) 21.02.2024
 (54) SYSTEMS AND METHODS FOR ANONYMIZING NAVIGATION INFORMATION
 (51) Int. Cl.
G01C 21/36 (2006.01)
 (43) 14.03.2024
 (62) 2019231196
 (72) VIENTE, Kfir; HAREL, Eli; TAMIR, Achiya Tal; SCHWARTZ, Maxim; SHAPIRA, Dori; NEHUSHTAN, Nimrod; GDALYAHU, Yoram; BRAUNSTEIN, Daniel
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Mobileye Vision Technologies Ltd.
 (11) AU-A-2024201126
 (21) 2024201126 (22) 21.02.2024
 (54) SYSTEMS AND METHODS FOR ANONYMIZING NAVIGATION INFORMATION
 (51) Int. Cl.
G01C 21/36 (2006.01)
 (43) 14.03.2024
 (62) 2019231196
 (72) VIENTE, Kfir; HAREL, Eli; TAMIR, Achiya Tal; SCHWARTZ, Maxim; SHAPIRA, Dori; NEHUSHTAN, Nimrod; GDALYAHU, Yoram; BRAUNSTEIN, Daniel
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2023219837
 (21) 2023219837 (22) 22.08.2023
 (54) PROCESS FOR THE RECOVERY AND RECYCLING OF UNREACTED MONOMER IN A SINGLE-STEP PROCESS FOR THE PRODUCTION OF A CARBON-FIBER PRECURSOR
 (51) Int. Cl.
 C08J 11/02 (2006.01)
 C08F 2/06 (2006.01)
 C08F 2/10 (2006.01)
 C08F 6/00 (2006.01)
 C08F 20/44 (2006.01)
 D01F 9/22 (2006.01)
 (31) 102022000017541 (32) 24.08.22 (33) IT
 (43) 14.03.2024
 (72) BARETTER, Paolo; CORREIA, Paulo; FRANCALANCI, Franco; REIA, Ivo; VIDIGAL, Ana Paula
 (74) AJ PARK
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- (71) MorphoSys AG
 (11) AU-A-2024201029
 (21) 2024201029 (22) 16.02.2024
 (54) Combination of an anti-CD19 antibody and a Bruton's tyrosine kinase inhibitor and uses thereof
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 31/505 (2006.01)
 A61K 31/519 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 (43) 14.03.2024
 (62) 2022202796
 (72) ENDELL, Jan; BOXHAMMER, Rainer; WINDERLICH, Mark
 (74) Spruson & Ferguson
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- (71) NA Vaccine Institute
 (11) AU-A-2024200631
 (21) 2024200631 (22) 01.02.2024
 (54) Novel ribonucleic acid and pharmaceutical composition based on the same
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 39/00 (2006.01)
 A61K 39/12 (2006.01)
 A61K 39/39 (2006.01)
 A61P 31/12 (2006.01)
 A61P 35/00 (2006.01)
 (43) 14.03.2024
 (62) 2020299074
 (72) KIM, Dong Ho; KANG, Myung Soo
 (74) FB Rice Pty Ltd
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- (71) NAVICO, INC.
 (11) AU-A-2023219843
 (21) 2023219843 (22) 22.08.2023
 (54) ECOLOGICAL AIDED MARINE NAVIGATION
 (51) Int. Cl.
 G08B 21/18 (2006.01)
 B63B 49/00 (2006.01)
 G01C 21/00 (2006.01)
 G01S 15/89 (2006.01)
 (31) 22425038.1 (32) 23.08.22 (33) EP
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 (43) 14.03.2024
 (72) GATTA, Gabriele; SESENNA, Roberto; TOMMASI, Oreste
 (74) AJ PARK
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- (71) NEC Corporation
 (11) AU-A-2023210669
 (21) 2023210669 (22) 04.08.2023
 (54) MEASUREMENT SYSTEM AND FLOAT
 (51) Int. Cl.
 G01F 23/64 (2006.01)
 (31) 2022-134142 (32) 25.08.22 (33) JP
 (43) 14.03.2024
 (72) TANAKA, Taichi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Nexii Building Solutions Inc.
 (11) AU-A-2024201274
 (21) 2024201274 (22) 26.02.2024
 (54) PREFABRICATED INSULATED BUILDING PANEL WITH AT LEAST ONE CURED CEMENTITIOUS LAYER BONDED TO INSULATION
 (51) Int. Cl.
 E04C 2/288 (2006.01)
 E04C 2/06 (2006.01)
 F16L 59/02 (2006.01)
 (43) 14.03.2024
 (62) 2019220933
 (72) DOMBOWSKY, Michael Anthony; DOMBOWSKY, Benedict John
 (74) Halfords IP
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- (71) NING, G.
 (11) AU-A-2023216788
 (21) 2023216788 (22) 15.08.2023
 (54) INERTIAL FLYWHEEL MAGNETIC ENERGY SELF-CIRCULATING GENERATOR
 (51) Int. Cl.
 H02K 53/00 (2006.01)
 H02K 7/02 (2006.01)
 H02K 7/20 (2006.01)
 H02K 47/20 (2006.01)
 (31) 202211035181.2 (32) 26.08.22 (33) CN
 (43) 14.03.2024
 (72) NING, Gaofeng
 (74) Ran Tao
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- (71) Ningbo Bronco Arts & Crafts Co., Ltd.
 (11) AU-A-2023200511
 (21) 2023200511 (22) 31.01.2023
 (54) FOOD STORAGE CONTAINER
 (51) Int. Cl.
 B65D 43/26 (2006.01)
 A45C 11/20 (2006.01)
 A47G 19/12 (2006.01)
 B65D 43/03 (2006.01)
 B65D 43/04 (2006.01)
 B65D 43/06 (2006.01)
 B65D 81/18 (2006.01)
 B65D 85/72 (2006.01)
 (31) 202222220646.3 (32) 23.08.22 (33) CN
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- (43) 14.03.2024
 (72) Yu, Chunke; Xu, Haibo
 (74) Matthias Scholl Inc.
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- (71) Noble Drilling A/S
 (11) AU-A-2024201252
 (21) 2024201252 (22) 23.02.2024
 (54) Flywheel Systems And Flywheel Bearing Modules
 (51) Int. Cl.
 H02K 7/02 (2006.01)
 H02K 7/09 (2006.01)
 (43) 14.03.2024
 (62) 2018353104
 (72) RØN PEDERSEN, John; SPEIERMANN, Martin; ZAMANY, Jamshid
 (74) WRAYS PTY LTD
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- (71) Nokia Technologies Oy
 (11) AU-A-2024201161
 (21) 2024201161 (22) 22.02.2024
 (54) Enhanced registration procedure in a mobile system supporting network slicing
 (51) Int. Cl.
 H04W 12/06 (2021.01)
 (43) 14.03.2024
 (62) 2017405089
 (72) CASATI, Alessio
 (74) Spruson & Ferguson
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- (71) Novel Microdevices, LLC (DBA Novel Devices)
 (11) AU-A-2024201090
 (21) 2024201090 (22) 20.02.2024
 (54) SAMPLE-TO-ANSWER MICROFLUIDIC SYSTEM AND METHOD INCLUDING VERTICAL MICROFLUIDIC DEVICE AND AUTOMATED ACTUATION MECHANISMS
 (51) Int. Cl.
 B01L 9/00 (2006.01)
 B01L 1/00 (2006.01)
 B01L 3/00 (2006.01)
 (43) 14.03.2024
 (62) 2019327425
 (72) PAIS, Andrea Maria Dominic; PAIS, Rohan Joseph Alexander; WATKINS, Nicholas
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Nuseed Global Innovation Ltd.
 (11) AU-A-2024201251
 (21) 2024201251 (22) 23.02.2024
 (54) Plants with modified traits
 (51) Int. Cl.
 C12N 15/52 (2006.01)
 A01H 5/00 (2018.01)
 A23K 10/10 (2016.01)
 A23K 10/30 (2016.01)
 C11B 1/10 (2006.01)
 C11B 1/14 (2006.01)
 C12N 15/29 (2006.01)
 C12N 15/82 (2006.01)

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 (62) 2017320470
 (72) ZHOU, XueRong; LIU, Qing; EL
 TAHCHY, Anna; BELIDE, Srinivas;
 MITCHELL, Madeline Claire; DIVI,
 Uday Kumar; GREEN, Allan Graham;
 VANHERCKE, Thomas; PETRIE,
 James Robertson; SINGH, Surinder Pal
 (74) FB Rice Pty Ltd

(71) NUTS HOLDINGS, LLC
 (11) AU-A-2024201130
 (21) 2024201130 (22) 21.02.2024
 (54) ENCRYPTED USERDATA TRANSIT
 AND STORAGE
 (51) Int. Cl.
 G06F 12/14 (2006.01)
 G06F 11/30 (2006.01)
 (43) 14.03.2024
 (62) 2023204296
 (72) Auh, Yoon Ho
 (74) Madderns Pty Ltd

(71) NZ Tube Mills Ltd
 (11) AU-A-2023214395
 (21) 2023214395 (22) 14.08.2023
 (54) A Vine Trellis
 (51) Int. Cl.
 A01G 17/06 (2006.01)
 A01G 17/02 (2006.01)
 (31) 17898396 (32) 29.08.22 (33) US
 (43) 14.03.2024
 (72) Carter, Terry; Barnes, Paul
 (74) AJ Pietras IP Limited

(71) Oculox Technologies SA
 (11) AU-A-2023222934
 (21) 2023222934 (22) 31.08.2023
 (54) Apparatus for providing retinal therapy,
 method for tracking a change in retinal
 cells' functional modification
 (51) Int. Cl.
 A61F 9/008 (2006.01)
 A61F 9/007 (2006.01)
 (31) EP22193248.6 (32) 31.08.22 (33) EP
 (43) 14.03.2024
 (72) PIFFARETTI, Filippo; FAURE, Pascal
 (74) FB Rice Pty Ltd

**OcuNexus Therapeutics Inc. see Auckland
 UniServices Limited**
 (21) 2024201060

(71) oneCureGEN Co., Ltd.
 (11) AU-A-2024201112
 (21) 2024201112 (22) 21.02.2024
 (54) Composition comprising VGLL1 peptide
 for treatment of cancer
 (51) Int. Cl.
 C07K 14/47 (2006.01)
 A61K 38/08 (2019.01)
 A61K 38/10 (2006.01)
 A61P 35/00 (2006.01)
 C07K 7/06 (2006.01)

(43) 14.03.2024
 (62) 2021244056
 (72) WON, Mi Sun; KIM, Bo Kyung; IM, Joo-
 Young; KIM, Da Mi
 (74) FB Rice Pty Ltd

(71) Organovo, Inc.
 (11) AU-A-2024201266
 (21) 2024201266 (22) 26.02.2024
 (54) Use of engineered renal tissues in as-
 says
 (51) Int. Cl.
 C12N 5/07 (2010.01)
 C12N 5/09 (2010.01)
 G01N 33/50 (2006.01)
 (43) 14.03.2024
 (62) 2017335841
 (72) KING, Shelby Marie; NGUYEN, De-
 borah Lynn Greene; PRESNELL, Shar-
 on C.
 (74) Spruson & Ferguson

(71) Paige.AI, Inc.
 (11) AU-A-2024201281
 (21) 2024201281 (22) 27.02.2024
 (54) Systems and methods for processing
 images to classify the processed im-
 ages for digital pathology
 (51) Int. Cl.
 G16H 30/40 (2018.01)
 G16H 50/20 (2018.01)
 G06N 3/08 (2023.01)
 G06T 7/00 (2017.01)
 (43) 14.03.2024
 (62) 2020276112
 (72) KAPUR, Supriya; KANAN, Christopher;
 FUCHS, Thomas; GRADY, Leo
 (74) Davies Collison Cave Pty Ltd

(71) ParseHill Renewables, LLC
 (11) AU-A-2023219889
 (21) 2023219889 (22) 23.08.2023
 (54) Systems and Methods to Facilitate In-
 creased Building of Carbon Removal
 and Carbon Capture Infrastructures
 (51) Int. Cl.
 G06Q 40/00 (2023.01)
 G06Q 50/06 (2012.01)
 (31) 63/400,260 (32) 23.08.22 (33) US
 63/446, 558 17.02.23 US
 18/217,204 30.06.23 US
 18/236,738 22.08.23 US
 (43) 14.03.2024
 (72) Novek, Ethan
 (74) DAVIS IP PTY LTD

(71) Perma-Liner Industries, LLC
 (11) AU-A-2024201229
 (21) 2024201229 (22) 23.02.2024
 (54) Method, apparatus and system for lin-
 ing conduits
 (51) Int. Cl.
 B29C 63/00 (2006.01)
 B29C 49/24 (2006.01)
 B29C 63/18 (2006.01)
 B29C 63/26 (2006.01)

(43) 14.03.2024
 (62) 2018316705
 (72) TAYLOR, Kevan
 (74) Davies Collison Cave Pty Ltd

(71) PGG Wrightson Seeds Limited
 (11) AU-A-2024201118
 (21) 2024201118 (22) 21.02.2024
 (54) NUTRIENT LOSS REDUCTION METH-
 OD
 (51) Int. Cl.
 A61K 36/68 (2006.01)
 A23K 10/30 (2016.01)
 (43) 14.03.2024
 (62) 2016348215
 (72) Judson, Howard Glenn; Edwards, Grant
 Raymond; Barrell, Graham Keith
 (74) James & Wells Intellectual Property

(71) PIN GENIE Limited; Li ZHENG
 (11) AU-A-2023222909
 (21) 2023222909 (22) 31.08.2023
 (54) Indicator lock for a public service room
 door
 (51) Int. Cl.
 E05B 41/00 (2006.01)
 (31) 17/899,994 (32) 31.08.22 (33) US
 (43) 14.03.2024
 (72) ZHENG, Li
 (74) FB Rice Pty Ltd

(71) Plastic Energy Limited
 (11) AU-A-2024201175
 (21) 2024201175 (22) 22.02.2024
 (54) A method for pyrolysing plastic material
 and a system therefor
 (51) Int. Cl.
 C10B 53/07 (2006.01)
 C10B 47/06 (2006.01)
 C10B 47/18 (2006.01)
 C10G 1/10 (2006.01)
 (43) 14.03.2024
 (62) 2020406865
 (72) DUNPHY, Patrick; STRIVENS, Chris-
 topher; YABRUDY, Andres; MC-
 NAMARA, David
 (74) Davies Collison Cave Pty Ltd

(71) Powers, R.
 (11) AU-A-2023219877
 (21) 2023219877 (22) 23.08.2023
 (54) A Lighting Fixture Assembly
 (51) Int. Cl.
 F21S 8/00 (2006.01)
 F21S 4/24 (2016.01)
 F21S 4/26 (2016.01)

(31) 2022902452 (32) 26.08.22 (33) AU
 (43) 14.03.2024
 (72) Powers, Richard Christopher
 (74) Michael Buck IP

(71) Poynting Antennas (Pty) Limited
 (11) AU-A-2023206190
 (21) 2023206190 (22) 20.07.2023
 (54) ANTENNA DOME ASSEMBLY
 (51) Int. Cl.

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H01Q 1/42 (2006.01)
H01Q 5/15 (2015.01)
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(43) 14.03.2024
(72) FOURIE, Andries Petrus Cronje;
MUNDY, Shane Michael
(74) IP GATEWAY PATENT & TRADE
MARK ATTORNEYS PTY LTD

(71) Primewan Limited
(11) AU-A-2024201137
(21) 2024201137 **(22)** 21.02.2024
(54) VIRTUAL NETWORK DEVICE
(51) Int. Cl.
H04L 1/00 (2006.01)
(43) 14.03.2024
(62) 2021268768
(72) LI, Ming; JIA, Yuan Yang
(74) Murray Trento & Associates Pty Ltd

(71) PROGRESS RAIL LOCOMOTIVE INC.
(11) AU-A-2023216738
(21) 2023216738 **(22)** 14.08.2023
(54) CHARGE RECEIVING SYSTEM
(51) Int. Cl.
B60L 53/30 (2019.01)
B60L 53/60 (2019.01)
B61C 3/02 (2006.01)
H02J 7/00 (2006.01)
(31) 17/894594 **(32)** 24.08.22 **(33)** US
(43) 14.03.2024
(72) BELTRAMIN, Sidarta Fornari
(74) FPA Patent Attorneys Pty Ltd

(71) Q32 Bio Inc.
(11) AU-A-2024201109
(21) 2024201109 **(22)** 21.02.2024
(54) Fusion protein constructs for comple-
ment associated disease
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 38/48 (2006.01)
A61K 39/395 (2006.01)
A61K 39/44 (2006.01)
C07K 14/47 (2006.01)
C07K 14/725 (2006.01)
C07K 16/18 (2006.01)
C07K 16/32 (2006.01)
C07K 16/44 (2006.01)
C07K 16/46 (2006.01)

(43) 14.03.2024
(62) 2019398214
(72) CURTIS, Michael Steven; STOREK,
Michael; VIOLETTE, Sheila Marie;
KALLED, Susan L.; FAHNOE, Kelly C.;
HUANG, Cheng Ran; STARK, Ellen
Garber; TAYLOR, Frederick Robbins;
CARAVELLA, Justin Andrew; HOLERS,
Vernon Michael
(74) FB Rice Pty Ltd

(71) Quantum IP Holdings Pty Limited
(11) AU-A-2024201129
(21) 2024201129 **(22)** 21.02.2024
(54) Use of magnetic nanoparticles for the
detection and quantitation of analyte(s)

(51) Int. Cl.
G01N 33/00 (2006.01)
(43) 14.03.2024
(62) 2021232687
(72) KING, Paul Jeremy; LO, Camden
Yeung-Wah
(74) Dentons Patent Attorneys Australasia
Limited

(71) Rainmaker Solutions, Inc.
(11) AU-A-2024201042
(21) 2024201042 **(22)** 16.02.2024
(54) Hydration and air cooling system
(51) Int. Cl.
A62B 9/04 (2006.01)
(43) 14.03.2024
(62) 2017362433
(72) JAEGER, Eduard Albert; STAHL,
Robert Gregory; BOWLES, Jacob Timm
(74) Spruson & Ferguson

(71) Reel-Tech Pty Ltd
(11) AU-A-2024201298
(21) 2024201298 **(22)** 27.02.2024
(54) Roller Hose Guide for Reel Assembly
(51) Int. Cl.
B65H 75/34 (2006.01)
A62C 33/04 (2006.01)
B65H 19/22 (2006.01)
B65H 54/00 (2006.01)
B65H 75/18 (2006.01)
(43) 14.03.2024
(62) 2021254607
(72) Morgan, Sean; Morgan, Stuart
(74) Chrysiliou IP

(71) Remote Area Concrete Pty Ltd
(11) AU-A-2022221431
(21) 2022221431 **(22)** 23.08.2022
(54) Pab and slab thereof
(51) Int. Cl.
E04B 5/02 (2006.01)
E01C 9/08 (2006.01)
E01C 11/14 (2006.01)
E04B 1/61 (2006.01)
E04C 2/06 (2006.01)
E04C 2/00 (2006.01)
(43) 14.03.2024
(72) Osborn, Roger Francis
(74) WRAYS PTY LTD

(71) REP Fitness, LLC
(11) AU-A-2023219892
(21) 2023219892 **(22)** 23.08.2023
(54) ADJUSTABLE BENCH
(51) Int. Cl.
A63B 21/00 (2006.01)
A47C 11/00 (2006.01)
A47C 15/00 (2006.01)
(31) 63/400,285 **(32)** 23.08.22 **(33)** US
63/448,808 28.02.23 US
(43) 14.03.2024
(72) ANDREASSEN, Sean Matthew; PIZER,
Samuel M.; MCGROTTY, Ryan James;
LAZAR, Jason
(74) ALLENS PATENT & TRADE MARK
ATTORNEYS

(71) Revvity Cellular Technologies GmbH
(11) AU-A-2024201049
(21) 2024201049 **(22)** 19.02.2024
(54) LOW-POWER MICROSCOPE-OB-
JECTIVE PRE-SCAN AND HIGH-
POWER MICROSCOPE-OBJECTIVE
SCAN IN X, Y AND Z-DIRECTION FOR
IMAGING OBJECTS SUCH AS CELLS
USING A MICROSCOPE
(51) Int. Cl.
G06T 7/571 (2017.01)
G02B 21/00 (2006.01)
G02B 21/24 (2006.01)
G02B 21/36 (2006.01)
G02B 30/52 (2020.01)
H04N 13/395 (2018.01)
(43) 14.03.2024
(62) 2020222103
(72) HINNAH, S Chris; PALO, Kaupo;
OLLIKAINEN, Olavi; STEINKAMP,
Thomas; PRECKEL, Hartwig
(74) Pizeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) Robert Dura Corporation Pty Ltd
(11) AU-A-2023216753
(21) 2023216753 **(22)** 14.08.2023
(54) A SINGLE ACCESS COMMUNICA-
TION AND INTERACTIVE DATA AP-
PLICATION
(51) Int. Cl.
G06F 3/048 (2013.01)
G06F 8/34 (2018.01)
G06F 8/38 (2018.01)
G06Q 30/0241 (2023.01)
G06Q 30/0601 (2023.01)
G06Q 50/14 (2012.01)
G06F 9/451 (2018.01)
G06Q 30/08 (2012.01)
(31) 2022902464 **(32)** 27.08.22 **(33)** AU
(43) 14.03.2024
(72) Dura, Robert
(74) LexGeneris Pty Ltd

(71) Rovic and Leers (Pty) Ltd
(11) AU-A-2023219897
(21) 2023219897 **(22)** 24.08.2023
(54) CULTIVATING APPARATUS
(51) Int. Cl.
A01B 49/06 (2006.01)
A01B 63/10 (2006.01)
A01C 7/20 (2006.01)
(31) 2022/09543 **(32)** 26.08.22 **(33)** ZA
(43) 14.03.2024
(72) Booyesen, Bernie
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Rovi Guides, Inc.
(11) AU-A-2024201181
(21) 2024201181 **(22)** 22.02.2024
(54) Systems and methods for executing a
supplemental function for a natural lan-
guage query
(51) Int. Cl.
H04N 21/472 (2011.01)
H04N 5/445 (2011.01)

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 (62) 2022205155
 (72) VENKATARAMAN, Sashikumar; MO-HAIDEEN, Ahmed Nizam P.
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(71) RSI North America, Inc.
 (11) AU-A-2023222876
 (21) 2023222876 (22) 30.08.2023
 (54) HINGE
 (51) Int. Cl.
 E05D 3/02 (2006.01)
 E05D 5/02 (2006.01)
 (31) 63/402,788 (32) 31.08.22 (33) US
 (43) 14.03.2024
 (72) VOSS, Michael
 (74) K&L Gates

(71) Samsung Electronics Co., Ltd.
 (11) AU-A-2024201107
 (21) 2024201107 (22) 20.02.2024
 (54) Electronic device comprising display with switch
 (51) Int. Cl.
 G06F 1/16 (2006.01)
 G06F 3/041 (2006.01)
 G06F 3/14 (2006.01)
 (43) 14.03.2024
 (62) 2019224639
 (72) SONG, Junhyeok; KIM, Backman; YANG, Kwangsik; YEO, Wonku; YOO, Sunghyun; YOU, Suhyun; LEE, Seokho; JO, Hwanju
 (74) Griffith Hack

(71) SanaBio, LLC
 (11) AU-A-2024201211
 (21) 2024201211 (22) 23.02.2024
 (54) Soluble interferon receptors and uses thereof
 (51) Int. Cl.
 C07K 14/715 (2006.01)
 (43) 14.03.2024
 (62) 2018321359
 (72) POSADA, James Arthur; SMOLAK, Pamela
 (74) Davies Collison Cave Pty Ltd

(71) Seagen Inc.
 (11) AU-A-2024201166
 (21) 2024201166 (22) 22.02.2024
 (54) Glycan-interacting compounds and methods of use
 (51) Int. Cl.
 C07K 16/00 (2006.01)
 A61K 39/395 (2006.01)
 C07K 16/30 (2006.01)
 G01N 33/574 (2006.01)
 (43) 14.03.2024
 (62) 2016353153
 (72) Eavarone, David A.; Prendergast, Jillian M.; Behrens, Jeffrey; Dransfield, Daniel T.
 (74) Griffith Hack

(71) Seegene, Inc.
 (11) AU-A-2024201268
 (21) 2024201268 (22) 26.02.2024
 (54) Method and device for analyzing target analyte in sample
 (51) Int. Cl.
 G16B 5/00 (2019.01)
 C12Q 1/686 (2018.01)
 G06F 17/10 (2006.01)
 G06F 17/18 (2006.01)
 G16B 40/00 (2019.01)
 G16B 45/00 (2019.01)
 G16B 50/00 (2019.01)
 (43) 14.03.2024
 (62) 2022202180
 (72) KIM, Young Wook; PARK, Young Yong; KO, Sung Moon; LEE, Young Jo; LEE, Han Bit
 (74) FB Rice Pty Ltd

(71) Sequenom, Inc.
 (11) AU-A-2024201168
 (21) 2024201168 (22) 22.02.2024
 (54) Chromosome representation determinations
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 G16B 20/00 (2019.01)
 G16B 30/00 (2019.01)
 G16B 40/00 (2019.01)
 (43) 14.03.2024
 (62) 2022205239
 (72) ZHAO, Chen; DECIU, Cosmin
 (74) Davies Collison Cave Pty Ltd

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 (21) 2023270259

(71) Shenzhen Seauto Technology Co.,Ltd.
 (11) AU-A-2022259827
 (21) 2022259827 (22) 27.10.2022
 (54) POOL CLEANING ROBOT AND CONTROL METHOD THEREOF
 (51) Int. Cl.
 E04H 4/16 (2006.01)
 (31) 202211029919.4 (32) 25.08.22 (33) CN
 (43) 14.03.2024
 (72) Deng, Zhuoming
 (74) Ittlingen Girke

(71) Shure Acquisition Holdings, Inc.
 (11) AU-A-2024201226
 (21) 2024201226 (22) 23.02.2024
 (54) Array microphone system and method of assembling the same
 (51) Int. Cl.
 H04R 1/02 (2006.01)
 H04R 1/40 (2006.01)
 (43) 14.03.2024
 (62) 2022202279
 (72) Abraham, Mathew T.; Cason, David Grant; Gibbs, John Casey; Lantz, Gregory William; McGovern, Albert Francis; Shumard, Brent Robert
 (74) Michael Buck IP

(71) Sight Sciences, Inc.
 (11) AU-A-2024200932
 (21) 2024200932 (22) 14.02.2024
 (54) OCULAR DELIVERY SYSTEMS AND METHODS
 (51) Int. Cl.
 A61F 9/007 (2006.01)
 (43) 14.03.2024
 (62) 2021240226
 (72) Badawi, David Y.; O'Keeffe, Daniel; Badawi, Paul
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Snap-on Incorporated
 (11) AU-A-2024201178
 (21) 2024201178 (22) 22.02.2024
 (54) DOUBLE REDUCTION GEAR TRAIN
 (51) Int. Cl.
 B25B 21/00 (2006.01)
 F16H 1/46 (2006.01)
 (43) 14.03.2024
 (62) 2022200790
 (72) CYBORSKI, David A.; BEER, Joshua M.; PATTERSON, Matthew D.
 (74) Griffith Hack

(71) Snap-on Incorporated
 (11) AU-A-2024201190
 (21) 2024201190 (22) 22.02.2024
 (54) STORAGE UNIT WITH POWER MONITORING CAPABILITY
 (51) Int. Cl.
 H02J 7/02 (2016.01)
 H02J 9/02 (2006.01)
 H02J 13/00 (2006.01)
 (43) 14.03.2024
 (62) 2022200185
 (72) KUTER-ARNEBECK, Ottoleo; TADDA Jr., William J.
 (74) Griffith Hack

(71) Snap-on Incorporated
 (11) AU-A-2024201191
 (21) 2024201191 (22) 22.02.2024
 (54) IMPACT MECHANISM FOR A ROTARY IMPACT TOOL
 (51) Int. Cl.
 B25B 21/02 (2006.01)
 B25B 1/18 (2006.01)
 (43) 14.03.2024
 (62) 2021269384
 (72) KOHLS, Collin T.; ROBILLARD, Adrian J.
 (74) Griffith Hack

(71) Spinalcyte, LLC
 (11) AU-A-2024201176
 (21) 2024201176 (22) 22.02.2024
 (54) Methods of enhancing fibroblast therapeutic activity
 (51) Int. Cl.
 C12N 5/074 (2010.01)

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 (72) O'Heeron, Pete; Ichim, Thomas; Comella, Kristin
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) SPINALCYTE, LLC
 (11) AU-A-2024200985
 (21) 2024200985 (22) 15.02.2024
 (54) Cellular blend for the regeneration of chondrocytes or cartilage type cells
 (51) Int. Cl.
A61K 48/00 (2006.01)
 (43) 14.03.2024
 (62) 2017207445
 (72) O'Heeron, Pete
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) SSG International, LLC
 (11) AU-A-2023210546
 (21) 2023210546 (22) 31.07.2023
 (54) Golf ball retriever
 (51) Int. Cl.
A63B 47/02 (2006.01)
A63B 53/14 (2015.01)
A63B 60/16 (2015.01)
 (31) 17/900,381 (32) 31.08.22 (33) US
 (43) 14.03.2024
 (72) VERGARA, David
 (74) Davies Collison Cave Pty Ltd

(71) Stout Industrial Technology, Inc.
 (11) AU-A-2024200990
 (21) 2024200990 (22) 15.02.2024
 (54) Modular smart implement for precision agriculture
 (51) Int. Cl.
A01B 59/06 (2006.01)
A01B 15/18 (2006.01)
A01B 33/02 (2006.01)
A01B 63/00 (2006.01)
A01B 69/00 (2006.01)
B62D 49/06 (2006.01)
 (43) 14.03.2024
 (62) 2021216059
 (72) ANTLE, Jeffrey L.; SNYDER, Steven T.; LARICK, Austin J.
 (74) Spruson & Ferguson

(71) Stryker Corporation
 (11) AU-A-2023216743
 (21) 2023216743 (22) 14.08.2023
 (54) ADMINISTERING THERAPY BASED ON COMMUNICATION BETWEEN MEDICAL DEVICES
 (51) Int. Cl.
A61N 1/08 (2006.01)
A61H 31/00 (2006.01)
A61N 1/39 (2006.01)
G16H 20/30 (2018.01)
G16H 20/40 (2018.01)
 (31) 63/402,776 (32) 31.08.22 (33) US
 (43) 14.03.2024
 (72) GREENEWALD, Robert; APPERSON, Ryan W.; CHAPMAN, Fred W.;

LAGERSTROM, Jonas; LINDROTH, Sara; RUTZER, Mark; SANDRUP, Eric; SVAHN, Tobias
 (74) Griffith Hack

(71) Sungrow Energy Storage Technology Co., Ltd.
 (11) AU-A-2023204407
 (21) 2023204407 (22) 07.07.2023
 (54) Household energy storage system and module fixing structure thereof
 (51) Int. Cl.
H01M 50/204 (2021.01)
H05K 5/02 (2006.01)
 (31) 202222241717.8 (32) 24.08.22 (33) CN
 (43) 14.03.2024
 (72) SHI, Xiang; HUANG, Shuqiang
 (74) FB Rice Pty Ltd

(71) SUNGROW ENERGY STORAGE TECHNOLOGY CO., LTD.
 (11) AU-A-2023204341
 (21) 2023204341 (22) 06.07.2023
 (54) Energy storage system and energy storage power station
 (51) Int. Cl.
H05K 7/20 (2006.01)
H01M 10/613 (2014.01)
H01M 50/102 (2021.01)
H01M 50/204 (2021.01)
H02J 7/04 (2006.01)
H02J 7/34 (2006.01)
 (31) 202222286328.7 (32) 29.08.22 (33) CN
 (43) 14.03.2024
 (72) ZHOU, Meng; ZHANG, Wei; LI, Huadong
 (74) Davies Collison Cave Pty Ltd

(71) Takeda Pharmaceutical Company Limited
 (11) AU-A-2024201051
 (21) 2024201051 (22) 19.02.2024
 (54) TREATMENT OF ALZHEIMER'S DISEASE SUBPOPULATIONS WITH POOLED IMMUNOGLOBULIN G
 (51) Int. Cl.
A61K 39/00 (2006.01)
 (43) 14.03.2024
 (62) 2020257034
 (72) Schwarz, Hans-Peter; Gelmont, David M.; Singer, Julia; Fritsch, Sandor
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Takeda Pharmaceutical Company Limited
 (11) AU-A-2024201287
 (21) 2024201287 (22) 27.02.2024
 (54) RNA biomarkers for hereditary angioedema
 (51) Int. Cl.
G01N 33/50 (2006.01)
C12Q 1/68 (2018.01)

(43) 14.03.2024
 (62) 2017325999
 (72) SEXTON, Daniel J.; VISWANATHAN, Malini; FAUCETTE, Ryan; GAUR, Tripti
 (74) Spruson & Ferguson

(71) Talis Biomedical Corporation
 (11) AU-A-2024201167
 (21) 2024201167 (22) 22.02.2024
 (54) OPTICAL REACTION WELL FOR ASSAY DEVICE
 (51) Int. Cl.
B01L 3/00 (2006.01)
 (43) 14.03.2024
 (62) 2019237517
 (72) CAULEY III, Thomas H.
 (74) RnB IP Pty Ltd

(71) Techtronic Cordless GP
 (11) AU-A-2023216830
 (21) 2023216830 (22) 17.08.2023
 (54) Creation of a virtual boundary for a robotic garden tool
 (51) Int. Cl.
A01D 34/37 (2006.01)
A01D 34/00 (2006.01)
G05D 3/20 (2006.01)
 (31) 63/374204 (32) 31.08.22 (33) US
 (43) 14.03.2024
 (72) LEE, Hei Man; LAI, Hok Sum Sam; CHOI, Man Ho; NG, Ho Lam; LI, Shing Hin
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP
 (11) AU-A-2023219851
 (21) 2023219851 (22) 22.08.2023
 (54) Mapping objects encountered by a robotic garden tool
 (51) Int. Cl.
G05D 1/00 (2006.01)
A01D 34/00 (2006.01)
 (31) 63/374207 (32) 31.08.22 (33) US
 (43) 14.03.2024
 (72) LEE, Hei Man; LAI, Hok Sum Sam; CHOI, Man Ho; NG, Ho Lam; LI, Shing Hin; LEE, Chi Chau; LAI, Tat Hei
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP
 (11) AU-A-2023219919
 (21) 2023219919 (22) 24.08.2023
 (54) Tool with selectively engagable tool head
 (51) Int. Cl.
A01G 3/025 (2006.01)
A01G 3/033 (2006.01)
 (31) 63/401229 (32) 26.08.22 (33) US
 (43) 14.03.2024
 (72) AMICK, Ashley; OLVERA, Eduardo; SCHAAFSA, Graham; FLEMING, Joel
 (74) Spruson & Ferguson

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(11) AU-A-2024201231

(21) 2024201231 (22) 23.02.2024

(54) Macrophages eat cancer cells using their own calreticulin as a guide

(51) Int. Cl.

A61P 35/00 (2006.01)

A61K 31/33 (2006.01)

A61K 31/70 (2006.01)

A61K 39/00 (2006.01)

A61K 39/395 (2006.01)

(43) 14.03.2024

(62) 2021204595

(72) WEISSMAN, Irving L.; FENG, Mingye; VOLKMER, Jens-Peter

(74) FB Rice Pty Ltd

(71) The Children's Hospital of Philadelphia

(11) AU-A-2024201122

(21) 2024201122 (22) 21.02.2024

(54) Compositions and methods for the diagnosis and treatment of lymphatic system disorders

(51) Int. Cl.

C12Q 1/68 (2018.01)

A61K 31/4745 (2006.01)

(43) 14.03.2024

(62) 2017319507

(72) Hakonarson, Hakon; Li, Dong; Tian, Lifeng; Nguyen, Kenny; Sleiman, Patrick

(74) Griffith Hack

(71) The Chinese University of Hong Kong

(11) AU-A-2024201092

(21) 2024201092 (22) 20.02.2024

(54) Molecular analyses using long cell-free fragments in pregnancy

(51) Int. Cl.

C12Q 1/68 (2018.01)

G16B 20/10 (2019.01)

(43) 14.03.2024

(62) 2023204613

(72) LO, Yuk-Ming Dennis; CHIU, Rossa Wai Kwun; CHAN, Kwan Chee; JIANG, Peiyong; CHENG, Suk Hang; YU, Cheuk Yin; CHEUNG, Yee Ting; PENG, Wenlei

(74) Griffith Hack

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(21) 2024201087

(71) The Trustees of the University of Pennsylvania

(11) AU-A-2024200014

(21) 2024200014 (22) 02.01.2024

(54) Improved vaccines and methods for using the same

(51) Int. Cl.

C07H 21/04 (2006.01)

C07K 14/00 (2006.01)

(43) 14.03.2024

(62) 2021204612

(72) WEINER, David B; YAN, Jian; LADDY, Dominick

(74) FB Rice Pty Ltd

(71) Thoeis GmbH

(11) AU-A-2024201089

(21) 2024201089 (22) 20.02.2024

(54) Use of glutamine synthetase for treating hyperammonemia

(51) Int. Cl.

A61K 31/00 (2006.01)

A61K 38/43 (2006.01)

A61P 3/00 (2006.01)

C12N 5/10 (2006.01)

(43) 14.03.2024

(62) 2018272294

(72) NICOLSON, Tamara

(74) FPA Patent Attorneys Pty Ltd

(71) Tongji University

(11) AU-A-2023210603

(21) 2023210603 (22) 02.08.2023

(54) Method for Preparing Medium-Chain Fatty Acids (MCFAs) Based on Carbon Dioxide Regulation

(51) Int. Cl.

C12P 7/6409 (2022.01)

C12P 7/64 (2022.01)

(31) 202211022468.1 (32) 25.08.22 (33) CN

(43) 14.03.2024

(72) SUN, Jing; ZHANG, Zisha; PENG, Zitong; DAL, Xiaohu; ZHANG, Lu

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(71) Toshiba Energy Systems & Solutions Corporation

(11) AU-A-2022265940

(21) 2022265940 (22) 07.11.2022

(54) Pit initiation evaluation system, and, pit initiation evaluation method

(51) Int. Cl.

F01D 25/00 (2006.01)

(31) 2022-132393 (32) 23.08.22 (33) JP

(43) 14.03.2024

(72) TSUKADA, Yuka; SAITO, Kazuhiro; SUZUKI, Yusuke; NINOMIYA, Yoshikazu; TANAKA, Osamu; KAWAI, Yasuteru; TERADA, Shinichi; SASAKI, Makoto

(74) Davies Collision Cave Pty Ltd

(71) Toshiba Energy Systems & Solutions Corporation

(11) AU-A-2023204571

(21) 2023204571 (22) 10.07.2023

(54) INTERCONNECTOR FOR SOLID OXIDE ELECTROCHEMICAL CELL STACK AND SOLID OXIDE ELECTRO-CHEMICAL CELL STACK

(51) Int. Cl.

H01M 8/24 (2016.01)

B32B 15/04 (2006.01)

C25B 9/00 (2021.01)

H01M 8/02 (2016.01)

(31) 2022-134184 (32) 25.08.22 (33) JP

(43) 14.03.2024

(72) KOBAYASHI, Shohei; KAMEDA, Tsuneji; ASAYAMA, Masahiro; OSADA, Norikazu; INUZUKA, Riko

(74) Griffith Hack

(71) Transportation IP Holdings, LLC

(11) AU-A-2023203902

(21) 2023203902 (22) 21.06.2023

(54) VEHICLE MONITORING SYSTEM

(51) Int. Cl.

G05D 1/00 (2006.01)

B61L 15/00 (2006.01)

(31) 63/401,088 (32) 25.08.22 (33) US

18/325,721 30.05.23 US

(43) 14.03.2024

(72) Saxena, Amit

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Twist Bioscience Corporation

(11) AU-A-2024200331

(21) 2024200331 (22) 18.01.2024

(54) De novo synthesized nucleic acid libraries

(51) Int. Cl.

C12N 15/10 (2006.01)

C12N 15/90 (2006.01)

(43) 14.03.2024

(62) 2017315294

(72) COX, Anthony; CHEN, Siyuan

(74) FB Rice Pty Ltd

(71) Tyralik, S.

(11) AU-A-2022221578

(21) 2022221578 (22) 28.08.2022

(54) Structural Integrated Frame Connection & Panelized Construction Method

(51) Int. Cl.

B32B 5/24 (2006.01)

B32B 5/26 (2006.01)

E04B 1/18 (2006.01)

E04B 1/24 (2006.01)

E04B 1/62 (2006.01)

E04B 2/56 (2006.01)

E04B 2/60 (2006.01)

E04B 2/62 (2006.01)

E04C 2/20 (2006.01)

E04C 2/38 (2006.01)

(43) 14.03.2024

(72) Tyralik, Stephen

(74) Stephen Tyralik

(71) Ultivue, Inc.

(11) AU-A-2024201177

(21) 2024201177 (22) 22.02.2024

(54) IMPROVED METHODS FOR MULTIPLEX IMAGING USING LABELED NUCLEIC ACID IMAGING AGENTS

(51) Int. Cl.

C12Q 1/68 (2018.01)

C12Q 1/6804 (2018.01)

C12Q 1/6806 (2018.01)

C12Q 1/6818 (2018.01)

C12Q 1/6823 (2018.01)

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 (62) 2023278134
 (72) Hennek, Stephanie Rae; Manesse, Mael; Chen, Xi; Natan, Michael Jules; Mohammed, Abdul
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Ultradent Products, Inc.
 (11) AU-A-2024201246
 (21) 2024201246 (22) 23.02.2024
 (54) Overmolding techniques and related articles produced therefrom
 (51) Int. Cl.
 B29C 45/14 (2006.01)
 A61C 7/08 (2006.01)
 A61C 19/06 (2006.01)
 (43) 14.03.2024
 (62) 2020328503
 (72) SOELBERG, Craig; WEI, RuJiun; HOBSON, Barry; PARK, Kyle; MARGETTS, David L.; PEASLEE, Lynn W.
 (74) Griffith Hack

(71) United States Gypsum Company
 (11) AU-A-2024201220
 (21) 2024201220 (22) 23.02.2024
 (54) Composite Gypsum Board and Methods Related Thereto
 (51) Int. Cl.
 B32B 7/02 (2019.01)
 B32B 13/02 (2006.01)
 B32B 13/04 (2006.01)
 B32B 13/08 (2006.01)
 B32B 13/14 (2006.01)
 C04B 28/14 (2006.01)
 E04C 2/04 (2006.01)
 C04B 111/00 (2006.01)
 (43) 14.03.2024
 (62) 2021229171
 (72) LI, Alfred C.; SONG, Weixin D.; SANG, Yijun; DIEFENBACHER, Gregg G.; VILINSKA, Annamaria; CHRIST, Brian J.; JONES, Frederick T.; TODD, Bradley W.
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 (21) 2024201048

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 (11) AU-A-2024201048
 (21) 2024201048 (22) 19.02.2024
 (54) METHODS AND PHARMACEUTICAL COMPOSITION FOR THE TREATMENT AND THE PREVENTION OF CARDIOMYOPATHY DUE TO ENERGY FAILURE
 (51) Int. Cl.
 C07K 14/47 (2006.01)

A61K 48/00 (2006.01)
 (43) 14.03.2024
 (62) 2021282480
 (72) PUCCIO, Helene Monique; CRYSTAL, Ronald G.; BOUGNERES, Pierre; AUBOURG, Patrick
 (74) AJ PARK

(71) UP MANAGEMENT SOLUTIONS PTY LTD
 (11) AU-A-2022235538
 (21) 2022235538 (22) 20.09.2022
 (54) SynPlanet
 (51) Int. Cl.
 G06F 16/29 (2019.01)
 G06F 16/26 (2019.01)
 G06Q 99/00 (2006.01)
 (31) 2022902405 (32) 23.08.22 (33) AU
 (43) 14.03.2024
 (72) Kirsanov, Andrey
 (74) Shore Lawyers

(71) Van Der Merwe, M.
 (11) AU-A-2023219927
 (21) 2023219927 (22) 24.08.2023
 (54) MEDMAP INFORMATION DISPLAY SYSTEM
 (51) Int. Cl.
 G16H 10/60 (2018.01)
 A61B 5/00 (2006.01)
 G16H 80/00 (2018.01)
 (31) 2022902502 (32) 31.08.22 (33) AU
 (43) 14.03.2024
 (72) Van Der Merwe, Michael
 (74) Michael Van der Merwe

(71) Van Stekelenburg, G.
 (11) AU-A-2022221458
 (21) 2022221458 (22) 24.08.2022
 (54) A PROTECTIVE FRAME
 (51) Int. Cl.
 A47G 19/30 (2006.01)
 A47G 19/26 (2006.01)
 (43) 14.03.2024
 (72) Terry, Simon; Yiu Leung, Chin; Howard, Sarah; Van Stekelenburg, Georgina
 (74) BOSH IP Pty Ltd

(71) Varex Imaging Corporation
 (11) AU-A-2023219974
 (21) 2023219974 (22) 25.08.2023
 (54) X-RAY SYSTEMS WITH INTERNAL AND EXTERNAL COLLIMATION
 (51) Int. Cl.
 G21K 1/02 (2006.01)
 H01J 35/16 (2006.01)
 (31) 63401271 (32) 26.08.22 (33) US
 (43) 14.03.2024
 (72) Kirkham, Dave
 (74) Westmark IP

(71) VECTOR CORROSION TECHNOLOGIES LTD.
 (11) AU-A-2023296340
 (21) 2023296340 (22) 28.08.2023

(54) CATHODIC PROTECTION OF CONCRETE USING AN ANODE ATTACHED TO AN OUTER SURFACE
 (51) Int. Cl.
 C02F 1/04 (2023.01)
 C23F 13/06 (2006.01)
 (31) 17/899,218 (32) 30.08.22 (33) US
 (43) 14.03.2024
 (72) BALL, John Chris; WHITMORE, David; BEAUDETTE, Martin; HIEBERT, Gerald Bruce; SERGI, George; SIMPSON, David
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) VIDEO GAMING TECHNOLOGIES, INC.
 (11) AU-A-2024201151
 (21) 2024201151 (22) 21.02.2024
 (54) Lock Zone
 (51) Int. Cl.
 A63F 13/50 (2014.01)
 A63F 13/00 (2014.01)
 A63F 13/45 (2014.01)
 G07F 17/32 (2006.01)
 (43) 14.03.2024
 (62) 2022200047
 (72) LUDWICK, John Victor
 (74) Griffith Hack

(71) VIDEO GAMING TECHNOLOGIES, INC.
 (11) AU-A-2024201209
 (21) 2024201209 (22) 22.02.2024
 (54) A GAMING MACHINE
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 (43) 14.03.2024
 (62) 2022200765
 (72) WALSH, Kevin; CASEY, Michael P.
 (74) Griffith Hack

(71) W. L. Gore & Associates, Inc.
 (11) AU-A-2024201031
 (21) 2024201031 (22) 16.02.2024
 (54) Left atrial appendage device and methods
 (51) Int. Cl.
 A61B 17/12 (2006.01)
 A61B 17/00 (2006.01)
 (43) 14.03.2024
 (62) 2020381577
 (72) FOX, Aaron D.; KOREY, Nathan C.; RUST, Keith O.; SILVERMAN, James D.; WHAM, Brett J.; WOLFE, Roark N.
 (74) Griffith Hack

(71) Wallgarden Pty Ltd
 (11) AU-A-2024201131
 (21) 2024201131 (22) 21.02.2024
 (54) Vertical Garden Systems and Methods
 (51) Int. Cl.
 A01G 9/02 (2018.01)
 A47G 7/02 (2006.01)

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(43) 14.03.2024
 (62) 2021205062
 (72) Collis, Stephen
 (74) ISR Legal

(51) Int. Cl.
E04H 4/16 (2006.01)
 (43) 14.03.2024
 (62) 2019349957
 (72) DURIN, Bruno; PICHON, Philippe
 (74) FB Rice Pty Ltd

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 (21) 2022224702

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 (21) 2022224702

(71) Whoop, Inc.
 (11) AU-A-2023219962
 (21) 2023219962 (22) 25.08.2023
 (54) DELIVERY DATE PREDICTION
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/256 (2021.01)
A61B 5/318 (2021.01)
 (31) 63/401,406 (32) 26.08.22 (33) US
 18/453,572 22.08.23 US
 (43) 14.03.2024
 (72) CAPODILUPO, Emily Rachel; JASIN-
 SKI, Summer Rose
 (74) AJ PARK

(71) Yale University
 (11) AU-A-2024201282
 (21) 2024201282 (22) 27.02.2024
 (54) Compositions and methods for treating
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 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 37/02 (2006.01)
 (43) 14.03.2024
 (62) 2016354100
 (72) Chen, Lieping; Wang, Jun; Sun, Jingwei
 (74) Davies Collison Cave Pty Ltd

(71) Zendesk, Inc.
 (11) AU-A-2023222881
 (21) 2023222881 (22) 30.08.2023
 (54) Scheduling automated workflows to
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 (51) Int. Cl.
G06Q 10/0633 (2023.01)
G05B 19/02 (2006.01)
 (31) 17/823,755 (32) 31.08.22 (33) US
 (43) 14.03.2024
 (72) BISWAS, Sanjeev Kumar;
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 Vancheswaran Koduvayur
 (74) FB Rice Pty Ltd

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 (21) 2024201271

(71) Zodiac Pool Care Europe
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 (54) Swimming pool cleaner with orientable
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(43) 02.02.2023
(72) TAYLOR, Alexander; LEFEBVRE, Philippe-Albert; MAS, Jules
(74) Chrysiliou IP
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- (71)** ALIGOS THERAPEUTICS, INC.; MERCK SHARP & DOHME LLC
(11) AU-A-2022339846
(21) 2022339846 **(22)** 01.09.2022
(54) PNPLA3-TARGETING SHORT INTERFERING RNA (SIRNA) MOLECULES AND USES THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61P 1/16 (2006.01)
(87) WO2023/034937
(31) 63/239,769 **(32)** 01.09.21 **(33)** US
(43) 09.03.2023
(72) BEIGELMAN, Leonid; LUONG, Xuan; MARTINEZ MONTERO, Saul; BHATTACHARYA, Aneerban; DEVAL, Jerome
(74) Spruson & Ferguson
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- (71)** ALIGOS THERAPEUTICS, INC.; MERCK SHARP & DOHME LLC
(11) AU-A-2022343115
(21) 2022343115 **(22)** 08.09.2022
(54) MODIFIED SHORT INTERFERING NUCLEIC ACID (SINA) MOLECULES AND USES THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61K 31/713 (2006.01)
A61P 1/16 (2006.01)
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(43) 16.03.2023
(72) DE COSTA, N., Tilani, S.; LUONG, Xuan; BHATTACHARYA, Aneerban; BEIGELMAN, Leonid; DEVAL, Jerome; MARTINEZ MONTERO, Saul
(74) Spruson & Ferguson
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- (71)** ALLTACH APS
(11) AU-A-2022349672
(21) 2022349672 **(22)** 12.09.2022
(54) HANGING DEVICE AND USE OF A HANGING DEVICE
(51) Int. Cl.
A47H 13/02 (2006.01)
A47K 10/12 (2006.01)
(87) WO2023/046250
(31) PA202100905 **(32)** 26.09.21 **(33)** DK
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(72) UTH, Niels
(74) LAMINAR IP PTY LTD
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- (71)** AMCOR FLEXIBLES NORTH AMERICA, INC.
(11) AU-A-2021463113
(21) 2021463113 **(22)** 03.09.2021
(54) THERMOFORMABLE SHEET AND THERMOFORMED PACKAGE
(51) Int. Cl.
B32B 7/12 (2006.01)
B32B 7/08 (2019.01)
B32B 27/08 (2006.01)
B32B 27/20 (2006.01)
B32B 27/32 (2006.01)
B65D 65/00 (2006.01)
(87) WO2023/033831
(43) 09.03.2023
(72) VAGENENDE, Maxime; DE SCHOEN-MAKER, Bert
(74) Origin Patent and Trade Mark Attorneys
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- (71)** AMCOR FLEXIBLES NORTH AMERICA, INC.
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(21) 2021463157 **(22)** 03.09.2021
(54) THERMOFORMABLE SHEET AND THERMOFORMED PACKAGE
(51) Int. Cl.
B32B 7/12 (2006.01)
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B65D 65/00 (2006.01)
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(72) VAGENENDE, Maxime; DE SCHOEN-MAKER, Bert
(74) Origin Patent and Trade Mark Attorneys
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- (71)** AMGEN INC.
(11) AU-A-2022361395
(21) 2022361395 **(22)** 05.10.2022
(54) IMPACT ACTIVATED BRAKE FEATURE FOR DRUG DELIVERY DEVICE
(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
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(31) 63/252,949 **(32)** 06.10.21 **(33)** US
(43) 13.04.2023
(72) SPORK, Emil, Gram; MELANDER, Matias; GEGELASHVILI, Alexandre; SONG, Yangkun; SONDERBY, Thomas, Peter
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- (71)** AMGEN INC.
(11) AU-A-2022366707
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(54) CHARACTERIZATION APPARATUS FOR DRUG DELIVERY DEVICES OR SUBCOMPONENTS THEREOF
(51) Int. Cl.
A61M 5/142 (2006.01)
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(72) MOGHADDAM, Seyed, Reza Mirhasani; JAZAYERI, Julian; SANCHEZ, Sandra; HALILI, Edgardo; SALDANA, Cindy; VALENZUELA, Sergio, Giovanni
(74) Spruson & Ferguson
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- (71)** AMGEN INC.
(11) AU-A-2022367378
(21) 2022367378 **(22)** 05.10.2022
(54) DETERMINATION OF PORE SIZE OF A MICROFILTER
(51) Int. Cl.
B01D 11/04 (2006.01)
B01D 12/00 (2006.01)
B01D 35/00 (2006.01)
G01N 1/40 (2006.01)
G01N 15/06 (2006.01)
G01N 15/08 (2006.01)
G01N 1/10 (2006.01)
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(31) 63/254,468 **(32)** 11.10.21 **(33)** US
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(72) HAMMOND, Matthew; ZHOU, Xiaozhu; EU, Mingda
(74) Spruson & Ferguson
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- (71)** AMGEN INC.
(11) AU-A-2022371427
(21) 2022371427 **(22)** 19.10.2022
(54) COMPOSITION AND METHODS FOR RECOMBINANT LENTIVIRAL PRODUCTION
(51) Int. Cl.
C12N 15/867 (2006.01)
C07K 14/155 (2006.01)
C12N 7/00 (2006.01)
C12N 7/02 (2006.01)
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(72) KAHL, Christoph Adrian; KIM, Haejin
(74) Spruson & Ferguson
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- (71)** ANWITA BIOSCIENCES, INC.
(11) AU-A-2022317124
(21) 2022317124 **(22)** 27.07.2022
(54) INTERLEUKIN-2 MUTEINS, FUSION PROTEINS, PHARMACEUTICAL COMPOSITIONS, AND THERAPEUTIC APPLICATIONS
(51) Int. Cl.
A61K 38/20 (2006.01)
C07K 14/55 (2006.01)
C07K 16/28 (2006.01)
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(31) 63/226,178 **(32)** 28.07.21 **(33)** US
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(72) YE, Fan; HUANG, Jianing; ZHONG, Ziyang
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** APPARENT LABS, LLC
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(21) 2022315248 **(22)** 25.07.2022
(54) BIDIRECTIONAL WAVEFORM SHAPING FOR GRID-TIED APPLICATIONS
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H02M 3/335 (2006.01)

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H02M 1/12 (2006.01)
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(72) HORTON, Fred C.; MARRONE, Frank, P.; MATAN, Stefan
(74) FPA Patent Attorneys Pty Ltd

(71) ARCHER AVIATION, INC.
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(21) 2022328323 **(22)** 10.08.2022
(54) ELECTRIC VEHICLE PORT
(51) Int. Cl.
B64F 1/36 (2017.01)
B60L 53/50 (2019.01)
B64F 1/22 (2006.01)
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(72) SUH, Young-Joon; SAETRE, Erik; THIEBAUD, Julien; ROUSSEAU, Nicolas; MONTOUSSE, Julien; SMART, Niki
(74) AJ PARK

(71) ARC MEDICAL INC.
(11) AU-A-2022328865
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(54) FUCAN AND MODIFIED FUCAN COMPOSITIONS FOR THE TREATMENT OF CONDITIONS RELATED TO CAPSULAR CONTRACTURE AND TO INHIBITING FIBROUS GROWTH AROUND OR ON TRANSPLANTS
(51) Int. Cl.
A61K 31/737 (2006.01)
A61L 27/54 (2006.01)
A61P 19/04 (2006.01)
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(72) SUN, Hesong; MILLET, Ian; SPRINGATE, Christopher Michael Kevin
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) ARGO GMBH
(11) AU-A-2022314177
(21) 2022314177 **(22)** 18.07.2022
(54) HOLDING FRAME FOR FASTENING HIGH-PRESSURE STORAGE TANKS TO VEHICLES, MORE PARTICULARLY A UTILITY VEHICLE, AND VEHICLE HAVING THE HOLDING FRAME
(51) Int. Cl.
B60K 15/03 (2006.01)
B60K 15/063 (2006.01)
B60K 15/067 (2006.01)
B60K 15/07 (2006.01)
B60K 15/073 (2006.01)
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(72) ANDREAS, Jan; BAGHA, Lucky
(74) Spruson & Ferguson

(71) ARGO NATURAL RESOURCES LIMITED
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(54) COMPOSITIONS AND PROCESSES FOR THE EXTRACTION OF METALS USING NON-AQUEOUS SOLVENTS
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C22B 3/16 (2006.01)
C22B 3/44 (2006.01)
C22B 7/00 (2006.01)
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(72) HARRIS, Robert; JENKIN, Gawen
(74) Griffith Hack

(71) ARRIS ENTERPRISES LLC
(11) AU-A-2022343478
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(54) FILE HANDLING FOR VIRTUAL CORES
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H04L 12/46 (2006.01)
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(72) THAKORE, Priyanki D.; RAJALINGARI, Karthik R.; WARNER, Shawn W.; DILLON, Timothy; STEELE, Timothy F.; KRAIMAN, Stephen J.; HECKMAN, Stephen C.
(74) Davies Collison Cave Pty Ltd

(71) ARRIS ENTERPRISES LLC
(11) AU-A-2022348961
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(54) HALF DUPLEX AMPLIFIER
(51) Int. Cl.
H04B 10/25 (2013.01)
H03F 3/22 (2006.01)
H03F 3/62 (2006.01)
H04B 1/10 (2006.01)
H04H 20/78 (2008.01)
H04N 7/10 (2006.01)
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(72) MARICEVIC, Zoran; SCHEMMANN, Marcel F.C.; SUN, Zhijian; SHETTY, Shodhan K.; PAINCHAUD, Dean; SOLOMON, Brian J.
(74) Davies Collison Cave Pty Ltd

(71) ARTHROSI THERAPEUTICS, INC.
(11) AU-A-2022332906
(21) 2022332906 **(22)** 23.08.2022
(54) QUINAZOLINE COMPOUNDS FOR TREATMENT OF DISEASE
(51) Int. Cl.
C07D 451/14 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)

A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
C07D 239/94 (2006.01)
C07D 401/04 (2006.01)
C07D 401/06 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
C07D 403/14 (2006.01)
C07D 405/12 (2006.01)
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(72) YAN, Shunqi; YEH, Litain
(74) FB Rice Pty Ltd

(71) ARTUGEN THERAPEUTICS LTD.
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(54) USE OF BACILLUS AMYLOLIQUE-FACIENS FOR PREVENTING AND TREATING PARKINSON'S DISEASE
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A61K 35/742 (2015.01)
A23L 33/135 (2016.01)
A61K 45/06 (2006.01)
A61P 25/28 (2006.01)
(87) WO2023/037246
(31) 63/241,442 **(32)** 07.09.21 **(33)** US
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(72) ACTON, Susan L.; CHESNEL, Laurent
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) ASPECT BIOSYSTEMS LTD.
(11) AU-A-2022332665
(21) 2022332665 **(22)** 26.08.2022
(54) MICROFLUIDIC-BASED FIBER FORMATION METHODS AND SYSTEMS
(51) Int. Cl.
G01F 1/704 (2006.01)
B01L 3/00 (2006.01)
B29C 64/393 (2017.01)
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(74) Spruson & Ferguson

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(54) ADAPTIVE HEARING HEALTH CONTROL
(51) Int. Cl.
H04R 29/00 (2006.01)
A61F 11/14 (2006.01)
G01H 3/14 (2006.01)
A61F 11/06 (2006.01)

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(43) 03.08.2023
(72) LUNDBÄCK, Jonas
(74) FPA Patent Attorneys Pty Ltd

(71) AXON ENTERPRISE, INC.
(11) AU-A-2022313975
(21) 2022313975 **(22)** 22.07.2022
(54) MECHANISMS FOR MAGAZINE LOCK AND RELEASE
(51) Int. Cl.
F41H 13/00 (2006.01)
F41A 9/61 (2006.01)
F42B 5/02 (2006.01)
(87) WO2023/004145
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(72) GISH, Michael E.; SMITH, Patrick W.; GROFF, John; EASTWOOD, Mark; MEUNOT, Arturo; KENSIL, Alex; RYAN, Trevor; ROBERTS, Michael
(74) WRAYS PTY LTD

(71) AXON ENTERPRISE, INC.
(11) AU-A-2022319689
(21) 2022319689 **(22)** 25.07.2022
(54) CARTRIDGE AND ELECTRODE FOR A CONDUCTED ELECTRICAL WEAPON
(51) Int. Cl.
F41H 13/00 (2006.01)
F42B 5/02 (2006.01)
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(31) 63/226,076 **(32)** 27.07.21 **(33)** US
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(72) NEMTYSHKIN, Oleg; ZEKANOVIC, Dubravko; ROBERTS, Michael; GROFF, John; SUMMERS, Mark; NERHEIM, Magne, H.; MORRISON, Regan, T.
(74) WRAYS PTY LTD

(71) BAE SYSTEMS PLC
(11) AU-A-2022342389
(21) 2022342389 **(22)** 09.08.2022
(54) ANTENNA STRUCTURE DESIGN
(51) Int. Cl.
H01Q 1/28 (2006.01)
G06F 30/20 (2020.01)
H01Q 1/42 (2006.01)
H01Q 21/06 (2006.01)
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(31) 2113026.5 **(32)** 10.09.21 **(33)** GB
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(72) SWIFT, Paul James
(74) Spruson & Ferguson

(71) BAE SYSTEMS PLC
(11) AU-A-2022347095
(21) 2022347095 **(22)** 12.09.2022
(54) RESONATOR, RESONATOR ARRAY, VIBRATION CONTROL SYSTEM AND METHOD
(51) Int. Cl.
F16F 7/104 (2006.01)

F16F 1/10 (2006.01)
F16F 7/10 (2006.01)
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(31) 2113181.8 **(32)** 15.09.21 **(33)** GB
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(72) CHEER, Jordan; DALEY, Stephen; SINGLETON, Lawrence
(74) Spruson & Ferguson

(71) BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED
(11) AU-A-2022334540
(21) 2022334540 **(22)** 25.08.2022
(54) INTERVENTION SYSTEM AND METHOD USING WELL SLOT PATH SELECTOR VALVE
(51) Int. Cl.
E21B 33/076 (2006.01)
E21B 41/00 (2006.01)
E21B 43/017 (2006.01)
(87) WO2023/025417
(31) 63/237,453 **(32)** 26.08.21 **(33)** US
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(43) 02.03.2023
(72) REILLY, Gavin; WELSH, Peter; MAINPRIZE, Lee
(74) PHILLIPS ORMONDE FITZPATRICK

(71) BAKER HUGHES OILFIELD OPERATIONS LLC
(11) AU-A-2022330017
(21) 2022330017 **(22)** 19.08.2022
(54) FLOW ACTIVATED ON-OFF CONTROL SUB FOR PERSEUS CUTTER
(51) Int. Cl.
E21B 29/00 (2006.01)
E21B 33/16 (2006.01)
E21B 34/10 (2006.01)
E21B 34/14 (2006.01)
E21B 43/12 (2006.01)
(87) WO2023/023295
(31) 17/408,187 **(32)** 20.08.21 **(33)** US
(43) 23.02.2023
(72) MUNIR, Waqas; LARSEN, Adam
(74) Patent Attorney Services

(71) BAKER HUGHES OILFIELD OPERATIONS LLC
(11) AU-A-2022334300
(21) 2022334300 **(22)** 25.08.2022
(54) TREATMENT SYSTEM, METHOD, AND BOREHOLE SYSTEM
(51) Int. Cl.
E21B 43/267 (2006.01)
E21B 23/00 (2006.01)
E21B 23/06 (2006.01)
E21B 34/10 (2006.01)
(87) WO2023/028255
(31) 63/237,255 **(32)** 26.08.21 **(33)** US
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(74) Patent Attorney Services

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(54) MECHANICAL JAR, METHOD AND SYSTEM
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E21B 31/113 (2006.01)
E21B 23/00 (2006.01)
E21B 34/06 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(21) 2022337281 **(22)** 01.09.2022
(54) METHOD FOR ENHANCING OIL CHARACTERISTICS IN BRASSICA OILSEEDS
(51) Int. Cl.
A01H 6/20 (2018.01)
A01D 45/00 (2018.01)
A01G 22/00 (2018.01)
A01H 5/10 (2018.01)
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(72) MANSIERE, Jeffrey; BRANDT, Stewart
(74) Griffith Hack

(71) BASF AGRICULTURAL SOLUTIONS SEED US LLC
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(21) 2022340861 **(22)** 30.08.2022
(54) PLANTS HAVING INCREASED TOLERANCE TO HERBICIDES
(51) Int. Cl.
C07D 239/54 (2006.01)
A01N 43/54 (2006.01)
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(31) 63/240,388 **(32)** 03.09.21 **(33)** US
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(54) PROCESS FOR PREPARATION OF ASPHALT MIX COMPOSITION
(51) Int. Cl.
C08J 3/20 (2006.01)
C08L 95/00 (2006.01)
(87) WO2023/031443
(31) 63/240,429 **(32)** 03.09.21 **(33)** US
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(54) HERBICIDAL MALONAMIDES CONTAINING A CONDENSED RING SYSTEM
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C07D 333/72 (2006.01)
A01N 37/36 (2006.01)
A01N 43/12 (2006.01)
A01N 43/30 (2006.01)
A01N 43/38 (2006.01)
A01N 43/76 (2006.01)
A01N 43/78 (2006.01)
A01P 13/00 (2006.01)
C07C 235/16 (2006.01)
C07C 235/74 (2006.01)
C07D 209/08 (2006.01)
C07D 263/56 (2006.01)
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(54) PROCESS FOR PREPARATION OF ASPHALT MIX COMPOSITION, ASPHALT MIX COMPOSITION AND ITS USE
(51) Int. Cl.
E01C 19/10 (2006.01)
B01F 27/1122 (2022.01)
B01F 27/192 (2022.01)
B01F 27/86 (2022.01)
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B01F 33/81 (2022.01)
C08G 18/64 (2006.01)
C08G 18/73 (2006.01)
C08G 18/75 (2006.01)
C08G 18/76 (2006.01)
C08L 95/00 (2006.01)
B01F 101/38 (2022.01)
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C07K 14/195 (2006.01)
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C07D 513/14 (2006.01)
A01N 43/78 (2006.01)
A01N 43/90 (2006.01)
A01N 55/08 (2006.01)
A61P 13/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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A01P 13/02 (2006.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)

A01N 25/32 (2006.01)
A01N 37/10 (2006.01)
A01N 57/10 (2006.01)
A01N 37/00 (2006.01)
A01N 43/00 (2006.01)
A01N 47/00 (2006.01)
A01N 57/00 (2006.01)
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(54) PRESSURE CONTROL VALVE USED IN PNEUMATIC BRAKING SYSTEMS AND A METHOD OF CONTROLLING AIR FLOW IN SUCH A BRAKE VALVE
(51) Int. Cl.
B60T 15/02 (2006.01)
B60T 8/36 (2006.01)
B60T 13/68 (2006.01)
F16K 15/03 (2006.01)
F16K 27/02 (2006.01)
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(74) Spruson & Ferguson

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(51) Int. Cl.
B01J 8/16 (2006.01)
B03D 3/06 (2006.01)
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(72) BERLINCK DUTRA VAZ, Fernando
(74) Alder IP Pty Ltd

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(54) BISPECIFIC ANTIBODY AND APPLICATION THEREOF
(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/22 (2006.01)
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C12N 15/62 (2006.01)

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(74) Madderns Pty Ltd

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(54) A LOW PRESSURE WATER RE-
 ACTOR AND A METHOD FOR CON-
 TROLLING A LOW PRESSURE WA-
 TER REACTOR
(51) Int. Cl.
G21C 1/14 (2006.01)
G21C 9/00 (2006.01)
G21C 13/02 (2006.01)
G21C 15/26 (2006.01)
(87) WO2023/012140
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(54) A METHOD FOR THE PREPARATION
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(51) Int. Cl.
A61L 27/50 (2006.01)
A61L 2/00 (2006.01)
A61L 27/54 (2006.01)
A61L 29/16 (2006.01)
A61L 31/16 (2006.01)
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 andro; STEFANELLI, Ugo
(74) PHILLIPS ORMONDE FITZPATRICK

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 BASTIKOPPA, Kruthi Sathish
(74) AJ Pietras IP Limited

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B29C 64/106 (2017.01)
A61L 27/24 (2006.01)
B33Y 10/00 (2015.01)
B33Y 80/00 (2015.01)
C12N 5/00 (2006.01)
B29L 31/00 (2006.01)
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(54) MODIFIED REPLICABLE RNA AND
 RELATED COMPOSITIONS AND
 THEIR USE
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 39/00 (2006.01)
A61P 31/14 (2006.01)
A61P 35/00 (2006.01)
C12N 7/00 (2006.01)
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(72) PERKOVIC, Mario; BEISSERT, Tim
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(54) A SOFTGEL CAPSULE COMPOSI-
 TION, AND A PROCESS FOR PRO-
 DUCING A SOFTGEL CAPSULE
 THEREFROM
(51) Int. Cl.
A61K 47/10 (2017.01)
A61K 9/00 (2006.01)
A61K 9/48 (2006.01)
A61K 47/36 (2006.01)
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 TERMINING GUI INTERACTION IN-
 FORMATION FOR AN END USER
 DEVICE
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G06F 9/451 (2018.01)
G06F 3/01 (2006.01)

G06F 3/0481 (2022.01)
G06N 20/00 (2019.01)
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(51) Int. Cl.
B64C 39/02 (2023.01)
B64D 47/04 (2006.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
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 AND SURROUND RECEPTIVE FIELD
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A61N 1/36 (2006.01)
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(54) METHOD OF ROBUST SURFACE
 AND DEPTH ESTIMATION
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G06T 7/50 (2017.01)
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 (51) Int. Cl.
A61N 1/378 (2006.01)
H02J 50/10 (2016.01)
H01Q 1/52 (2006.01)
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 (51) Int. Cl.
B60H 3/06 (2006.01)
B60H 1/00 (2006.01)
F24F 110/40 (2018.01)
F24F 110/64 (2018.01)
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G01V 3/10 (2006.01)
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A61K 31/506 (2006.01)
A61P 7/02 (2006.01)
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 (74) AJ PARK
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B05B 13/04 (2006.01)
B05B 13/02 (2006.01)
B05D 3/06 (2006.01)
B25B 5/02 (2006.01)
B25B 5/14 (2006.01)
B60B 21/00 (2006.01)
B05B 16/00 (2018.01)
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A61N 1/04 (2006.01)
A61B 5/11 (2006.01)
A61N 1/36 (2006.01)
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 (51) Int. Cl.
C12N 15/113 (2010.01)
C07H 21/00 (2006.01)
C12N 15/11 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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A01K 63/04 (2006.01)
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 (72) MARTIN, David
 (74) Griffith Hack
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- (71) CANBRIDGE PHARMACEUTICALS, INC.; LOGICBIO THERAPEUTICS, INC.
 (11) AU-A-2022332298
 (21) 2022332298 (22) 25.08.2022
 (54) AAV PARTICLES COMPRISING A LIVER-TROPIC CAPSID PROTEIN AND ALPHA-GALACTOSIDASE AND THEIR USE TO TREAT FABRY DISEASE
 (51) Int. Cl.
C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
 (87) WO2023/028566
 (31) 63/237,122 (32) 25.08.21 (33) US
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 (72) ZHU, Yunxiang; PECHAN, Peter; BANGA, Anannya; GORDO VILLOSLADA, Susana
 (74) Spruson & Ferguson

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 (54) AAV PARTICLES COMPRISING LIVER-TROPIC CAPSID PROTEIN AND ACID ALPHA-GLUCOSIDASE AND USE TO TREAT POMPE DISEASE
 (51) Int. Cl.
C12N 15/864 (2006.01)
C07K 14/015 (2006.01)
C12N 7/04 (2006.01)
C12N 9/24 (2006.01)
 (87) WO2023/028567
 (31) 63/237,125 (32) 25.08.21 (33) US
 (43) 02.03.2023
 (72) ZHU, Yunxiang; PECHAN, Peter; BANGA, Anannya
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- (71) CANTAB BIOPHARMACEUTICALS PATENTS LIMITED
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 (21) 2022329447 (22) 17.08.2022
 (54) MODIFIED COLLOIDAL PARTICLES FOR USE IN THE TREATMENT OF HAEMOPHILIA A
 (51) Int. Cl.
A61K 9/12 (2006.01)
A61K 9/00 (2006.01)
A61K 38/37 (2006.01)
A61K 47/10 (2017.01)
A61K 47/24 (2006.01)
A61P 7/04 (2006.01)
 (87) WO2023/021109
 (31) 2111757.7 (32) 17.08.21 (33) GB
 (43) 23.02.2023
 (72) WOLF-GARRAWAY, Richard; TUDDENHAM, Edward
 (74) FB Rice Pty Ltd
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- (71) CANTAB BIOPHARMACEUTICALS PATENTS LIMITED
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 (21) 2022331799 (22) 17.08.2022
 (54) MODIFIED COLLOIDAL PARTICLES FOR USE IN THE TREATMENT OF HAEMOPHILIA A
 (51) Int. Cl.
A61K 38/37 (2006.01)
A61K 47/10 (2017.01)
A61K 47/24 (2006.01)
A61P 7/04 (2006.01)
 (87) WO2023/021115
 (31) 2111758.5 (32) 17.08.21 (33) GB
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 (72) WOLF-GARRAWAY, Richard
 (74) FB Rice Pty Ltd
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 (21) 2022329949 (22) 16.08.2022
 (54) METHODS AND SYSTEMS FOR MOBILE BROWSER CODE TESTING
 (51) Int. Cl.
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 (72) HERREN, Gregory; GIARDINA, Joseph; JURKOWSKI, Kevin
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) CASALE SA
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 (54) REACTOR FOR PARTIAL OXIDATION OF HYDROCARBONS
 (51) Int. Cl.
C01B 3/36 (2006.01)
F23D 14/24 (2006.01)
F23Q 3/00 (2006.01)
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 (72) ZANICHELLI, Luca; COLMEGNA, Giacomo
 (74) James & Wells Intellectual Property
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 (54) PUMP CONFIGURATION INCLUDING A PURGE VALVE
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F04B 49/08 (2006.01)
F04B 11/00 (2006.01)
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 (72) MORIK, David A.; ENGLISH, Paul R.; MICKIEWICZ, Matthew
 (74) Patent Attorney Services
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- (71) CATERPILLAR INC.
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 (54) SYSTEMS AND METHODS FOR OPTIMAL REPLACEMENT COMPONENT PRICING
 (51) Int. Cl.
G06Q 30/02 (2023.01)
G06Q 30/06 (2023.01)
 (87) WO2023/027858
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 (43) 02.03.2023
 (72) SARDENBERG, Lucas Inoue
 (74) Patent Attorney Services
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- (71) CATERPILLAR INC.
 (11) AU-A-2022334260
 (21) 2022334260 (22) 26.07.2022
 (54) TRACK LINK SPACING SENSORS
 (51) Int. Cl.
E02F 9/26 (2006.01)
 (87) WO2023/027850
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 (72) JOHANNSEN, Eric J.
 (74) Patent Attorney Services
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 (11) AU-A-2022339238
 (21) 2022339238 (22) 24.08.2022
 (54) TIP WITH THRU-HOLE AND PIN RETAINING GEOMETRY
 (51) Int. Cl.
E02F 9/28 (2006.01)
F16B 21/18 (2006.01)
 (87) WO2023/034084
 (31) 17/464,838 (32) 02.09.21 (33) US
 (43) 09.03.2023
 (72) SERRURIER, Douglas C.; SINN, Eric T.; JURA, Jason Grant; WELLS, Corey Michael
 (74) Patent Attorney Services
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 (54) ADAPTER FOR A WORK IMPLEMENT WITH THRU-HOLE AND RAIL
 (51) Int. Cl.
E02F 9/28 (2006.01)
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 (74) Patent Attorney Services
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 (54) SYSTEMS AND METHODS FOR MINIMIZING CUSTOMER AND JOBSITE DOWNTIME DUE TO UNEXPECTED MACHINE REPAIRS
 (51) Int. Cl.
G06Q 10/00 (2023.01)
G06Q 10/06 (2023.01)
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 (43) 09.03.2023
 (72) SARDENBERG, Lucas I.
 (74) Patent Attorney Services
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- (71) CCTEG SHENYANG RESEARCH INSTITUTE
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 (54) Power Supply Method for Intrinsically-Safe Gas Chromatograph
 (51) Int. Cl.
H02J 1/00 (2006.01)
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 (72) ZHANG, Junjie; LIANG, Yuntao; REN, Jie; SUN, Yong; WANG, Gang; GE, Xuewei; ZHANG, Dong; FU, Chengao; CUI, Jilin; HE, Honghao; ZHENG, Yuting; WANG, Xuanliang
 (74) McCabe and Company
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- (71) CELCUITY INC.
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A61K 31/537 (2006.01)
A61P 35/00 (2006.01)
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(54) ELECTRODE AND ELECTROCHEMICAL CELL
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H01M 4/86 (2006.01)
C01F 17/241 (2020.01)
H01M 4/88 (2006.01)
H01M 4/90 (2006.01)
H01M 8/1004 (2016.01)
H01M 8/1213 (2016.01)
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H01M 8/1253 (2016.01)
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(31) 2114065.2 (32) 30.09.21 (33) GB
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(74) Griffith Hack
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(21) 2022325354 (22) 08.08.2022
(54) NEW MUTANT OF RECOMBINANT GANODERMA LUCIDUM IMMUNOREGULATORY PROTEIN AND APPLICATION THEREOF
- (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/16 (2006.01)
A61P 35/00 (2006.01)
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(31) 202110908697.2 (32) 09.08.21 (33) CN
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(74) Madderns Pty Ltd
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(54) METHOD FOR TREATING ENDOMETRIOSIS AND PROVIDING EFFECTIVE CONTRACEPTION
- (51) Int. Cl.
A61K 31/585 (2006.01)
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(31) 21382757.9 (32) 12.08.21 (33) EP
(43) 16.02.2023
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(21) 2022321783 (22) 05.08.2022
(54) PHARMACEUTICAL COMPOSITION FOR TREATING SMALL CELL LUNG CANCER
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A61K 39/395 (2006.01)
A61K 31/4709 (2006.01)
A61P 35/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) CHILDREN'S HOSPITAL MEDICAL CENTER; THE UNITED STATES OF AMERICA, as represented by the secretary, DEPARTMENT OF HEALTH AND HUMAN SERVICES; KUROME THERAPEUTICS, INC.
(11) AU-A-2022319843
(21) 2022319843 (22) 29.07.2022
(54) MULTI-CYCLIC IRAK AND FLT3 INHIBITING COMPOUNDS AND USES THEREOF
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
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C07D 403/04 (2006.01)
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(72) HOYT, Scott, Bryan; THOMAS, Craig, Joseph; STARCZYNOWSKI, Daniel, T.; ROSENBAUM, Jan, Susan; GRACIA MALDONADO, Gabriel
(74) AJ PARK
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- (71) CHILDREN'S MEDICAL RESEARCH INSTITUTE
(11) AU-A-2022333538
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(54) MODIFIED AAV CAPSIDS AND VECTORS
- (51) Int. Cl.
C07K 14/075 (2006.01)
C07K 14/005 (2006.01)
C12N 7/00 (2006.01)
C12M 15/86 (2006.01)
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(72) CABANES CREUS, Marti; LISOWSKI, Leszek
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2022335160
(21) 2022335160 (22) 25.08.2022
(54) MODIFIED AAV CAPSID POLYPEPTIDES AND VECTORS
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C07K 14/005 (2006.01)
C07K 14/075 (2006.01)
C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
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(72) CABANES CREUS, Marti; LISOWSKI, Leszek; ALEXANDER, Ian; HEBBEN, Matthias Charles Jerome
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(21) 2023270259 (22) 23.08.2023
(54) TEMPERATURE TESTING SYSTEM AND METHOD FOR EXPLOSION-PROOF LAMP UNDER MOST UNFAVORABLE CONDITIONS
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G01K 13/00 (2021.01)
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- (71) CHINA COAL TECHNOLOGY AND ENGINEERING GROUP TAIYUAN INSTITUTE; SHANXI TIANDI COAL MINING MACHINERY CO., LTD.
(11) AU-A-2022335453
(21) 2022335453 (22) 02.08.2022
(54) DUAL-BOX SWITCHING-TYPE ROOF BOLTER
- (51) Int. Cl.
E21D 20/00 (2006.01)
B65G 17/12 (2006.01)
B65G 17/30 (2006.01)
B65G 17/32 (2006.01)
B65G 47/90 (2006.01)
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(31) 202110997093.X (32) 27.08.21 (33) CN
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KANG, Peng; BAI, Xuefeng; YANG,
Xiaofeng; ZHANG, Fuxiang; ZHANG,
Licai
(74) Madderns Pty Ltd
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- (71)** CHINA COAL TECHNOLOGY AND
ENGINEERING GROUP TAIYUAN IN-
STITUTE; SHANXI TIANDI COAL MIN-
ING MACHINERY CO., LTD.
(11) AU-A-2022397722
(21) 2022397722 **(22)** 02.08.2022
(54) ANCHOR PROTECTION VEHICLE
(51) Int. Cl.
E21D 20/00 (2006.01)
E21B 7/02 (2006.01)
E21D 11/15 (2006.01)
E21D 11/40 (2006.01)
E21D 20/02 (2006.01)
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(31) 202111416873.7 **(32)** 25.11.21 **(33)** CN
(43) 01.06.2023
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TIAN, Yuan; SONG, Mingjiang; AN,
Siyuan; LAN, Huimin; JIA, Yunhong;
KANG, Peng; ZHANG, Yunbo; MI,
Xiongwei; YAN, Jinbao; ZHANG, Licai;
MA, Zhaoning; MI, Haoding
(74) Madderns Pty Ltd
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- (71)** CHINA PHARMACEUTICAL UNI-
VERSITY
(11) AU-A-2022317677
(21) 2022317677 **(22)** 18.04.2022
(54) BENZO [B] SELENOPHENE STING
REGULATING AGENT, PREPARATION
METHOD THEREFOR AND APPLICA-
TION THEREOF
(51) Int. Cl.
C07D 345/00 (2006.01)
A61K 31/33 (2006.01)
A61K 31/36 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
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C07D 517/04 (2006.01)
(87) WO2023/005267
(31) 202110850842.6 **(32)** 27.07.21 **(33)** CN
(43) 02.02.2023
(72) LI, Zhiyu; BIAN, Jinlei; FENG, Xi; LIU,
Dongyu; WANG, Zhe; QIAN, Zhiyu
(74) WRAYS PTY LTD
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- (71)** CHR. HANSEN A/S
(11) AU-A-2022340887
(21) 2022340887 **(22)** 31.08.2022
(54) YARROWIA LIPOLYTICA AND ITS
USE FOR PRODUCING LIPASES
SPECIFICALLY LIBERATING SHORT
CHAIN FATTY ACIDS
(51) Int. Cl.
A23L 27/24 (2016.01)
A23C 9/12 (2006.01)
A23C 13/16 (2006.01)
A23C 15/12 (2006.01)
A23C 19/032 (2006.01)
A23C 20/00 (2006.01)
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- (71)** CISTRON INNOVATIONS SÀRL
(11) AU-A-2022344518
(21) 2022344518 **(22)** 09.09.2022
(54) MODULAR STRUCTURAL COMPON-
ENT, MODULAR STRUCTURAL SYS-
TEM AND A METHOD OF MANUFAC-
TURING A TENSION ELEMENT AND/
OR A COMPRESSION ELEMENT OF
A MODULAR STRUCTURAL COM-
PONENT
(51) Int. Cl.
E04C 2/40 (2006.01)
B21D 47/01 (2006.01)
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- (71)** CHRISTIAN-AL-
BRECHTS-UNIVERSITÄT ZU
KIEL; FACHHOCHSCHULE KIEL;
FREIE UNIVERSITÄT BERLIN;
MAX-PLANCK-GESELLSCHAFT
ZUR FÖRDERUNG DER WIS-
SENSCHAFTEN E.V.
(11) AU-A-2022339065
(21) 2022339065 **(22)** 06.09.2022
(54) METHOD FOR THE DIAGNOSIS AND/
OR CLASSIFICATION OF A DISEASE
IN A SUBJECT
(51) Int. Cl.
G16B 40/20 (2019.01)
G16B 5/20 (2019.01)
G16B 20/20 (2019.01)
G16B 25/10 (2019.01)
G16B 30/10 (2019.01)
G16H 50/20 (2018.01)
(87) WO2023/031485
(31) 21195141.3 **(32)** 06.09.21 **(33)** EP
(43) 09.03.2023
(72) MÜLLER, Franz-Josef; BRÄNDL,
Björn Fabian; SCHULD, Bernhard;
ROHRANDT, Christian; VAN BÖMMEL,
Alena; KRETZMER, Helene
(74) Davies Collison Cave Pty Ltd
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- (71)** CHUNG ANG UNIVERSITY IN-
DUSTRY ACADEMIC COOPERATION
FOUNDATION; HAPLNSCIENCE INC.
(11) AU-A-2022322679
(21) 2022322679 **(22)** 02.08.2022
(54) COMPOSITION FOR PREVENTING
OR TREATING FIBROTIC DISEASES,
COMPRISING HAPLN1
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 45/06 (2006.01)
A61P 43/00 (2006.01)
(87) WO2023/014062
(31) 10-2021-0101726 **(32)** 03.08.21 **(33)** KR
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(72) KIM, Dae Kyong; KIM, Yong Soon;
BACK, Moon Jung; PYO, Jung Hoon;
KIM, David; PIAO, Yong Wei; YEOM,
Min A
(74) FB Rice Pty Ltd
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- (71)** CJ CHEILJEDANG CORPORATION
(11) AU-A-2022332758
(21) 2022332758 **(22)** 11.08.2022
(54) SAUCE SPREADING APPARATUS
AND EDIBLE PRODUCT MANUFAC-
TURING SYSTEM INCLUDING SAME
(51) Int. Cl.
A47J 43/08 (2006.01)
A23L 23/00 (2016.01)
A47J 43/07 (2006.01)
(87) WO2023/027397
(31) 10-2021-0111979 **(32)** 24.08.21 **(33)** KR
(43) 02.03.2023
(72) HWANG, Jai Mun; JUNG, Tae Hyun;
KWAK, Dong Ju; LEE, Jun Seok; CHOI,
So Jeong; JEONG, Jee Hwan; LEE, Ga
Yeong
(74) Davies Collison Cave Pty Ltd
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- (71)** CJ CHEILJEDANG CORPORATION
(11) AU-A-202233922
(21) 202233922 **(22)** 11.08.2022
(54) SAUCE SUPPLYING APPARATUS
AND EDIBLE PRODUCT MANUFAC-
TURING SYSTEM INCLUDING SAME
(51) Int. Cl.
A47J 47/01 (2006.01)
A23L 27/00 (2016.01)
A47J 43/04 (2006.01)
(87) WO2023/027398
(31) 10-2021-0111980 **(32)** 24.08.21 **(33)** KR
(43) 02.03.2023
(72) HWANG, Jai Mun; JUNG, Tae Hyun;
KWAK, Dong Ju; LEE, Jun Seok; CHOI,
So Jeong; JEONG, Jee Hwan; LEE, Ga
Yeong
(74) Davies Collison Cave Pty Ltd
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- (71)** CJ CHEILJEDANG CORPORATION
(11) AU-A-2022352442
(21) 2022352442 **(22)** 22.09.2022
(54) STRAIN FOR PRODUCING HIGH
CONCENTRATION L-GLUTAMIC ACID
AND METHOD FOR PRODUCING L-
GLUTAMIC ACID USING THE SAME
(51) Int. Cl.
C12N 15/77 (2006.01)
C07K 14/34 (2006.01)
C12P 13/14 (2006.01)
(87) WO2023/048480
(31) 10-2021-0125842 **(32)** 23.09.21 **(33)** KR
(43) 30.03.2023
(72) KWON, Nara; BONG, Hyun-Ju; LEE,
Ah Reum; HEO, Jung Ok
(74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2022368668
 (21) 2022368668 (22) 18.10.2022
 (54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR IDENTIFYING EVENTS AND REPRESENTING A PLURALITY OF EVENTS IN AN INTERACTIVE GRAPHICAL USER INTERFACE
 (51) Int. Cl.
G06F 7/08 (2006.01)
G06F 16/25 (2019.01)
G06F 16/26 (2019.01)
G06F 16/28 (2019.01)
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G09G 5/377 (2006.01)
 (87) WO2023/069395
 (31) 63/256,814 (32) 18.10.21 (33) US
 (43) 27.04.2023
 (72) SCHAFFER, Jacqueline, Grace; SAURA, Jose, Demetrio; NEWMAN, Tovi, Jordan; HOLLINGSHEAD, Kristina, Marian
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(71) CLEARMIND MEDICINE INC.
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A61K 31/343 (2006.01)
A61P 25/26 (2006.01)
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E04B 1/58 (2006.01)
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E04B 2/68 (2006.01)
E04B 2/86 (2006.01)

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A61K 8/33 (2006.01)
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A61K 8/44 (2006.01)
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A01H 1/04 (2006.01)
A01H 6/46 (2018.01)
C12N 9/04 (2006.01)
C12N 15/82 (2006.01)
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B01J 20/28 (2006.01)
B01D 53/04 (2006.01)
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C08F 220/58 (2006.01)
C08J 3/075 (2006.01)
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C25B 1/04 (2021.01)
C23C 14/35 (2006.01)
C25B 9/19 (2021.01)
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C25B 11/032 (2021.01)
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G06N 3/08 (2023.01)
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A61K 31/4745 (2006.01)
A61K 31/337 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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A21D 13/045 (2017.01)
A21D 2/26 (2006.01)
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A23J 3/14 (2006.01)
A23L 11/30 (2016.01)

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A23L 29/10 (2016.01)
A23L 29/206 (2016.01)
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A61B 90/00 (2016.01)
A61B 1/00 (2006.01)
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C12N 1/20 (2006.01)
A61P 31/04 (2006.01)
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C01G 51/00 (2006.01)
B82Y 40/00 (2011.01)
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H01M 6/12 (2006.01)
H01G 11/08 (2013.01)
H01G 11/26 (2013.01)
H01M 4/06 (2006.01)
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B60D 1/04 (2006.01)
B60D 1/36 (2006.01)
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A43B 7/22 (2006.01)
A43D 1/00 (2006.01)
A61F 5/14 (2022.01)
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A61B 3/10 (2006.01)
A61B 3/00 (2006.01)
G01B 9/02091 (2022.01)
G01J 3/28 (2006.01)
G01N 21/17 (2006.01)
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 A61K 31/196 (2006.01)
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 B22F 10/28 (2021.01)
 B22F 10/366 (2021.01)
 B22F 10/38 (2021.01)
 B29C 64/153 (2017.01)
 B33Y 10/00 (2015.01)
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 A23B 9/18 (2006.01)
 A23L 3/3409 (2006.01)
 B01F 23/213 (2022.01)
 B01F 35/80 (2022.01)
 B01F 35/90 (2022.01)
 B05B 7/16 (2006.01)
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 B01F 23/213 (2022.01)
 B01F 35/90 (2022.01)
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C08F 8/40 (2006.01)
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C08G 61/06 (2006.01)
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A01G 9/02 (2018.01)
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A61F 2/95 (2013.01)
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A61Q 19/00 (2006.01)
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G06N 20/00 (2019.01)
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 A61K 31/713 (2006.01)
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 A61P 37/02 (2006.01)
 A61K 9/127 (2006.01)
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G01S 15/42 (2006.01)
G01S 7/527 (2006.01)
G01S 15/10 (2006.01)
G01S 15/87 (2006.01)
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B63G 7/00 (2006.01)
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A61M 37/00 (2006.01)
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A61B 5/08 (2006.01)
A61B 5/097 (2006.01)
A61M 16/00 (2006.01)
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A61K 31/445 (2006.01)
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F04D 25/06 (2006.01)
F04D 29/08 (2006.01)
F04D 29/58 (2006.01)
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A61K 35/32 (2015.01)
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A61L 27/36 (2006.01)
A61L 27/38 (2006.01)
A61P 19/02 (2006.01)
C12N 5/0775 (2010.01)
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C12N 1/04 (2006.01)
A61K 9/10 (2006.01)
A61K 9/19 (2006.01)
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A61K 35/26 (2015.01)
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A61K 35/51 (2015.01)
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G06V 10/774 (2022.01)
G01V 1/30 (2006.01)
G01V 1/48 (2006.01)
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G06N 3/02 (2006.01)
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A61K 31/195 (2006.01)
A61K 31/216 (2006.01)
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A61K 31/445 (2006.01)
A61P 35/00 (2006.01)
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G06F 3/01 (2006.01)
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(54) CHARGING AND DISCHARGING CONTROL METHOD AND APPARATUS FOR ENERGY STORAGE SYSTEM, CONTROLLER, AND ENERGY STORAGE SYSTEM
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H02J 7/00 (2006.01)
H01M 10/44 (2006.01)
H02J 3/32 (2006.01)
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A61L 2/10 (2006.01)
A61L 2/22 (2006.01)
B08B 3/02 (2006.01)
B08B 3/12 (2006.01)
B08B 9/032 (2006.01)
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A61P 29/00 (2006.01)
A61K 31/18 (2006.01)
A61P 31/12 (2006.01)

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A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07C 311/21 (2006.01)
C07D 205/04 (2006.01)
C07D 257/06 (2006.01)
C07D 261/08 (2006.01)
C07D 275/02 (2006.01)
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H01B 1/06 (2006.01)
H05K 5/00 (2006.01)
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F15B 1/02 (2006.01)
F03B 13/14 (2006.01)
F15B 11/16 (2006.01)
F15B 13/06 (2006.01)
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C04B 40/00 (2006.01)
E21B 33/13 (2006.01)
G01N 33/38 (2006.01)
C04B 11/100 (2006.01)
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G16C 20/70 (2019.01)

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A47J 19/02 (2006.01)
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A61P 3/00 (2006.01)
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H04M 1/72418 (2021.01)
A62C 3/02 (2006.01)
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A01G 9/26 (2006.01)
A01G 31/00 (2018.01)
G06Q 50/02 (2012.01)
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C08F 220/18 (2006.01)
C09D 7/65 (2018.01)
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B60T 17/22 (2006.01)
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B41F 15/12 (2006.01)
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G05D 1/20 (2024.01)
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E02F 9/26 (2006.01)
G01D 21/00 (2006.01)
G01M 99/00 (2011.01)
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 (54) HYGIENIC DISPOSAL CATHETER PRODUCT
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A61M 25/00 (2006.01)
B65D 33/25 (2006.01)
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H04W 72/04 (2023.01)
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A61K 47/36 (2006.01)
A61K 31/737 (2006.01)
A61P 35/00 (2006.01)
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C12Q 1/68 (2018.01)
C12Q 1/6883 (2018.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) ELECTROPORTABLE DEVICE
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B25C 1/06 (2006.01)
 (87) WO2023/038926
 (31) FR2109409 (32) 08.09.21 (33) FR
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 (51) Int. Cl.
B25C 1/06 (2006.01)
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 (21) 2022344115 (22) 07.09.2022
 (54) COIL FEEDING DEVICE FOR ELECTROPORTABLE TOOLS
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B25C 1/06 (2006.01)
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 (54) MINERAL SAND PARTICULATE PROCESSING
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C22B 1/06 (2006.01)
C01B 33/20 (2006.01)
C01G 25/06 (2006.01)
C04B 35/48 (2006.01)
C04B 35/626 (2006.01)

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C22B 3/08 (2006.01)
C22B 34/14 (2006.01)
F27B 7/06 (2006.01)
F27B 7/08 (2006.01)
F27B 7/36 (2006.01)
F27B 9/04 (2006.01)
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F27B 14/04 (2006.01)
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 ER, Adam
(74) FPA Patent Attorneys Pty Ltd
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 TERNATIONAL SA
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F16K 31/60 (2006.01)
F16K 37/00 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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 WANG, Wei
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(54) ENHANCED FLEXIBILITY NEUR-
 OVASCULAR CATHETER
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A61M 25/00 (2006.01)
A61M 25/098 (2006.01)
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 JANSEN, Lex Philip; YEE, Brandon;
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 LTD
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(54) METHOD FOR AUTOMATICALLY
 MAINTAINING AND IMPROVING A
 HYDRAULIC MODEL FOR A WATER
 DISTRIBUTION NETWORK, AND
 CONTROLLING THE OPERATION OF
 A WATER DISTRIBUTION NETWORK
 USING THE MAINTAINED HYDRAUL-
 IC MODEL
(51) Int. Cl.
G05B 17/00 (2006.01)
E03B 7/07 (2006.01)
G01M 3/28 (2006.01)
G05B 19/46 (2006.01)
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(43) 02.03.2023
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 STOIANOV, Ivan
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(54) PHARMACEUTICAL COMPOSITION
 FOR TREATING INFLAMMATORY
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(51) Int. Cl.
A61K 9/107 (2006.01)
A61K 33/32 (2006.01)
A61K 47/16 (2006.01)
A61K 47/20 (2006.01)
A61K 47/69 (2017.01)
A61P 29/00 (2006.01)
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(43) 06.04.2023
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 Eun Hui; CHOI, Hong Sang
(74) FB Rice Pty Ltd
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 STITUT FÜR TECHNOLOGIE
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(54) PLATE ELEMENT FOR REACTION
 MODULES OR SYSTEMS AND COR-
 RESPONDING PROCESSES
(51) Int. Cl.
B01J 19/00 (2006.01)
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(54) INK APPLICATORS
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C09D 11/17 (2014.01)
A61M 35/00 (2006.01)
A61M 37/00 (2006.01)
B43K 1/01 (2006.01)
B43K 5/00 (2006.01)
B43K 24/10 (2006.01)
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H04N 19/44 (2014.01)
H04N 19/46 (2014.01)
H04N 19/172 (2014.01)
H04N 19/184 (2014.01)
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(54) CLEANSING COMPOSITION AND
 METHOD
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C11D 1/37 (2006.01)
C11D 1/94 (2006.01)
C11D 17/00 (2006.01)
C11D 1/14 (2006.01)
C11D 1/28 (2006.01)
C11D 1/90 (2006.01)
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 BODY AND USE THEREOF
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C07K 16/28 (2006.01)
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A61K 39/395 (2006.01)
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A61M 5/315 (2006.01)
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C09K 17/18 (2006.01)
A01G 24/35 (2018.01)
C05G 3/50 (2020.01)
C05G 3/70 (2020.01)
C05G 3/80 (2020.01)
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B21D 28/28 (2006.01)
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F16L 47/34 (2006.01)
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A23L 29/269 (2016.01)
A23C 9/12 (2006.01)
A23C 9/137 (2006.01)
A23L 5/20 (2016.01)
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 (54) PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING TRIPLE-NEGATIVE BREAST CANCER, COMPRISING OLIGONUCLEOTIDE AS ACTIVE INGREDIENT
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A61K 48/00 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/42 (2017.01)
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C12N 15/113 (2010.01)
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H04L 9/32 (2006.01)
H04L 9/08 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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B65B 13/04 (2006.01)
B65B 13/06 (2006.01)
B65B 13/32 (2006.01)
B65B 27/12 (2006.01)
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G01R 22/06 (2006.01)
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F16J 13/12 (2006.01)
F16B 7/18 (2006.01)
F16J 12/00 (2006.01)
F16L 15/04 (2006.01)
F17C 13/00 (2006.01)
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E02F 9/22 (2006.01)
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G06V 10/25 (2022.01)
A61Q 19/00 (2006.01)
G01N 33/50 (2006.01)
G06T 7/00 (2017.01)
G06V 10/26 (2022.01)
G06V 10/42 (2022.01)
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 (54) METHOD FOR RETROFITTING A HYDROGEN PRODUCTION UNIT
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C01B 3/38 (2006.01)
C01B 3/48 (2006.01)
C01B 3/50 (2006.01)
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 (54) METHOD OF OBTAINING A MODIFIED ADENO-ASSOCIATED VIRUS CAPSID
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C12N 7/00 (2006.01)
C07K 14/005 (2006.01)
C12N 15/11 (2006.01)
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E06B 9/42 (2006.01)
E06B 9/80 (2006.01)
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C12Q 1/6886 (2018.01)
G01N 33/68 (2006.01)
G16B 15/30 (2019.01)
G16H 50/20 (2018.01)
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 (54) METHOD FOR ON-SITE GLYOXYLATION OF POLYACRYLAMIDE
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D21H 17/06 (2006.01)
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C08F 220/56 (2006.01)
D21H 17/37 (2006.01)
D21H 17/38 (2006.01)
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A61P 35/00 (2006.01)
C07D 307/93 (2006.01)
C07D 405/12 (2006.01)
C07D 487/08 (2006.01)
C07D 491/107 (2006.01)
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A41D 13/11 (2006.01)
A62B 18/02 (2006.01)
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F03D 1/02 (2006.01)
F03D 1/04 (2006.01)
F03D 80/60 (2016.01)
H02K 7/18 (2006.01)
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C07D 209/02 (2006.01)
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B01D 65/06 (2006.01)
B01D 61/10 (2006.01)
B01D 71/56 (2006.01)
C11D 1/02 (2006.01)
C11D 3/20 (2006.01)
C11D 3/26 (2006.01)
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C11D 3/36 (2006.01)
C11D 17/08 (2006.01)
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 (31) 2021-159591 (32) 29.09.21 (33) JP
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 (74) Griffith Hack
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A61K 39/395 (2006.01)
A61P 43/00 (2006.01)
C07K 16/46 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
C12N 15/63 (2006.01)
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G06Q 10/06 (2023.01)
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B29L 31/44 (2006.01)
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A61Q 1/10 (2006.01)
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 (74) A.P.T. Patent and Trade Mark Attorneys
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C07K 16/10 (2006.01)
A61P 31/14 (2006.01)
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G06N 3/02 (2006.01)
A61B 5/00 (2006.01)
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A61B 90/00 (2016.01)
G06N 20/00 (2019.01)
G06T 7/10 (2017.01)
G16H 30/40 (2018.01)
A61B 34/00 (2016.01)
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A61K 31/69 (2006.01)
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A45C 11/00 (2006.01)
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A23L 33/00 (2016.01)
A61K 31/194 (2006.01)
A61K 31/202 (2006.01)
A61K 31/4415 (2006.01)
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A61P 1/00 (2006.01)
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A61P 1/00 (2006.01)
A61P 9/10 (2006.01)
A61P 11/00 (2006.01)
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C07K 14/47 (2006.01)
C12N 15/12 (2006.01)

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B64C 39/02 (2023.01)
B64D 1/12 (2006.01)

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B64D 1/22 (2006.01)
G01V 1/09 (2006.01)
G01V 1/147 (2006.01)
G01V 1/16 (2006.01)
G01V 1/20 (2006.01)
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B01J 8/08 (2006.01)
B01J 6/00 (2006.01)
B01J 8/00 (2006.01)
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C01B 3/24 (2006.01)

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G06Q 10/06 (2023.01)

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G12B 17/02 (2006.01)
G16Y 30/10 (2020.01)

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E21B 33/12 (2006.01)
F42D 1/18 (2006.01)

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F04D 19/00 (2006.01)
F04D 25/14 (2006.01)

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G06V 20/52 (2022.01)

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A61K 47/64 (2017.01)
A61P 35/00 (2006.01)

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C07K 16/40 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
G01N 33/573 (2006.01)
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C07K 16/18 (2006.01)
A61P 7/12 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/291 (2021.01)
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G06F 3/01 (2006.01)
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A01G 25/16 (2006.01)
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C01B 32/162 (2017.01)
C25B 3/26 (2021.01)
C25B 11/054 (2021.01)
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A24B 15/16 (2020.01)
A24B 15/30 (2006.01)
A24D 1/20 (2020.01)
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C07D 403/04 (2006.01)
A01N 43/653 (2006.01)
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 (21) 2022321068 (22) 04.08.2022
 (54) CONTINUOUS COLLECTIVE POT BODY FOR CONTINUOUS TRANS-PLANTATION AND MANUFACTURING METHOD THEREOF
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A01G 9/029 (2018.01)
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C22C 38/00 (2006.01)
C22C 38/58 (2006.01)
B23K 11/04 (2006.01)
C21D 8/00 (2006.01)
C21D 9/04 (2006.01)
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H04W 36/00 (2009.01)
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 (51) Int. Cl.
A61M 15/00 (2006.01)
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 (51) Int. Cl.
C07D 307/81 (2006.01)
A61K 31/343 (2006.01)
A61K 31/443 (2006.01)
A61P 35/00 (2006.01)
C07D 405/04 (2006.01)
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A61K 31/505 (2006.01)
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A61K 9/28 (2006.01)
A61K 45/06 (2006.01)
A61K 47/00 (2006.01)
A61P 21/00 (2006.01)
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 (31) 63/240,444 (32) 03.09.21 (33) US
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 (54) MONOSPECIFIC AND BISPECIFIC ANTIBODIES AND ANTIGEN BINDING FRAGMENTS THEREOF
 (51) Int. Cl.
C07K 16/18 (2006.01)
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C07K 16/24 (2006.01)
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 (72) BANSAL, Rekha
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- (71) NOVOCUFF, INC.
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 (54) DEVICE FOR REDUCTION OR PREVENTION OF PRETERM LABOR
 (51) Int. Cl.
A61B 17/42 (2006.01)
A61B 17/12 (2006.01)
A61B 17/122 (2006.01)
A61F 6/00 (2006.01)
 (87) WO2023/026109
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 (74) IPiphany Limited
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- (71) NUOVO PIGNONE TECNOLOGIE - S.R.L.
 (11) AU-A-2022328992
 (21) 2022328992 (22) 16.08.2022
 (54) MULTIPLE VARIABLE SPEED DRIVE UNIT ON A COMPRESSION SHAFT LINE
 (51) Int. Cl.
H02P 5/52 (2016.01)
H02K 16/00 (2006.01)
H02P 6/10 (2006.01)
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 (72) SPOLVERI, Niccolò; SGRO', Daniele; FRATTONI, Michele; NARDI, Valentina
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (54) EJECTION TRANSPLANTER
 (51) Int. Cl.
A01G 9/029 (2018.01)
A01G 9/08 (2006.01)
A01H 4/00 (2006.01)
B25J 9/00 (2006.01)
B25J 9/10 (2006.01)
B25J 15/00 (2006.01)
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 (72) TEASDALE, Robert; GOODMAN, Philip; DAVIES, Ian
 (74) IP Flourish
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- (71) NUTCRACKER THERAPEUTICS, INC.
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 (21) 2022339498 (22) 29.08.2022
 (54) STATE MACHINE BASED SCRIPT APPLICATIONS AND SYSTEMS
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- (71) NUVASIVE, INC.
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 (51) Int. Cl.
A61B 18/00 (2006.01)
A61B 34/20 (2016.01)
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 (72) NELSEN, Christopher; SERRA, Michael
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ODFJELL TECHNOLOGY INVEST LTD
 (11) AU-A-2022334698
 (21) 2022334698 (22) 23.08.2022
 (54) CONTROLLING A DOWNHOLE TOOL
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E21B 47/12 (2012.01)
E21B 47/16 (2006.01)
E21B 47/18 (2012.01)
H03M 1/50 (2006.01)
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 (72) SOLEM, Jonas
 (74) Michael Buck IP

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 (21) 2022339061 (22) 05.09.2022
 (54) METHOD FOR ASSESSING THE URANIUM CONTENT IN A BOREHOLE USING GAMMA SPECTROMETRY AND ASSOCIATED DEVICE
 (51) Int. Cl.
G01N 33/24 (2006.01)
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 (72) MARCHAIS, Thomas; PEROT, Bertrand; ALLINEL, Pierre-Guy; TOUBON, Hervé; BENSEDIK, Youcef
 (74) Davies Collison Cave Pty Ltd

(71) OREXA B.V.
 (11) AU-A-2022336152
 (21) 2022336152 (22) 01.09.2022
 (54) METHOD FOR IMPROVING FEED INTAKE
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A23K 20/111 (2016.01)
A23K 50/30 (2016.01)
A23K 50/60 (2016.01)
A23L 29/00 (2016.01)
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 (72) PEETERS, Bernardus Wijnand Mathijs Marie; ZONNEVELD, Antje Johanna
 (74) FPA Patent Attorneys Pty Ltd

(71) PALMER, D.B.
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(54) UNDERGROUND MINING METHODS VIA BOREHOLES AND MULTILATERAL BLAST-HOLES
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E21B 7/00 (2006.01)
E21C 37/12 (2006.01)
E21B 43/248 (2006.01)
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F24D 3/04 (2006.01)
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 (72) PALMER, Daniel, B.
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 (11) AU-A-2022317995
 (21) 2022317995 (22) 06.07.2022
 (54) USER EQUIPMENT AND BASE STATION INVOLVED IN MONITORING OF A CONTROL CHANNEL
 (51) Int. Cl.
H04W 72/04 (2023.01)
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 (43) 02.02.2023
 (72) KUANG, Quan; SUZUKI, Hidetoshi; HORIUUCHI, Ayako
 (74) FPA Patent Attorneys Pty Ltd

(71) PAUL SCHERRER INSTITUT
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 (21) 2021466987 (22) 28.09.2021
 (54) METHOD FOR PREDICTING THE RESPONSE OF A PATIENT DIAGNOSED WITH CANCER TO TREATMENT AND/OR IMAGING WITH A COMPOUND TARGETING CCK2-R, AND COMPOUND FOR USE IN METHODS OF SELECTIVELY TREATING AND/OR IMAGING CANCER
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C12Q 1/6886 (2018.01)
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 (72) POKORSKA-BOCCI, Anna; ATTINGER, Antoine
 (74) Spruson & Ferguson

(71) PELEMAN INDUSTRIES NV
 (11) AU-A-2023270818
 (21) 2023270818 (22) 04.04.2023
 (54) SEMI-FINISHED PRODUCT FOR PRODUCING A PHOTO BOOK, SET FOR PRODUCING A PHOTO BOOK, PHOTO BOOK AND A METHOD FOR PRODUCING A PHOTO BOOK.
 (51) Int. Cl.
B42D 1/00 (2006.01)
B42D 1/08 (2006.01)
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 (72) PELEMAN, Guido Frans M.; MORADIA, Pawan
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 (21) 2022333837 (22) 25.08.2022
 (54) NOVEL ANTI-MUC1 ANTIBODY AND USE THEREOF
 (51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
G01N 33/574 (2006.01)
 (87) WO2023/027534
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(71) PERMA-TEC GMBH & CO. KG
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 (54) LUBRICANT DISPENSER
 (51) Int. Cl.
F16N 11/08 (2006.01)
F16N 13/02 (2006.01)
F16N 29/00 (2006.01)
 (87) WO2023/088594
 (31) 10 2021 129 977.2 (32) 17.11.21 (33) DE
 (43) 25.05.2023
 (72) ENGELHARDT, Ralf; LENHART, Matthias
 (74) Spruson & Ferguson

(71) PETER MACCALLUM CANCER INSTITUTE
 (11) AU-A-2021469314
 (21) 2021469314 (22) 19.10.2021
 (54) COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY
 (51) Int. Cl.
C12N 15/90 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12N 5/0783 (2010.01)
 (87) WO2023/064973
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 (72) BEAVIS, Paul; DARCY, Phillip Kevin; CHEN, Amanda Xi Ying; HOUSE, Imran Geoffrey
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2022325474
 (21) 2022325474 (22) 10.08.2022
 (54) PRODUCTION OF A COMPONENT BY INJECTION MOULDING
 (51) Int. Cl.
B29C 45/14 (2006.01)
B29C 45/37 (2006.01)
B60Q 3/54 (2017.01)
B60R 13/02 (2006.01)
B29L 7/00 (2006.01)
B29L 9/00 (2006.01)
B29L 11/00 (2006.01)
B29L 31/30 (2006.01)
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- (71) PRISMA PHOTONICS LTD (11) AU-A-2022331739 (21) 2022331739 (22) 18.08.2022 (54) REAL-TIME QUASI-COHERENT DETECTION AND FIBER SENSING USING MULTI-FREQUENCY SIGNALS (51) Int. Cl. G01D 5/353 (2006.01) (87) WO2023/021519 (31) 63/234,255 (32) 18.08.21 (33) US 63/398,534 17.08.22 US (43) 23.02.2023 (72) ROWEN, Eitan; GORODESKY, Niv; INBAR, Eran (74) WRAYS PTY LTD
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- (71) PROCEQ SA (11) AU-A-2021464322 (21) 2021464322 (22) 17.09.2021 (54) METHOD FOR PROBING A SUBSURFACE STRUCTURE (51) Int. Cl. G01V 3/12 (2006.01) (87) WO2023/041176 (43) 23.03.2023 (72) LEHNER, Samuel; POSER, Marcel (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2022334474
 (21) 2022334474 (22) 24.08.2022
 (54) INHIBITORS OF NLRP3
 (51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/502 (2006.01)
A61K 31/5025 (2006.01)
A61P 25/28 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
C07D 405/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
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 (31) 63/237,049 (32) 25.08.21 (33) US
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 RAZA, Scott, J.; BEJCEK, Lauren;
 GILBERT, Bradley, B.; GONG, Hua; -,
 Handoko; HOSSEYNI, Seyedmorteza;
 HUARTE, Eduardo; JEON, Woohyung;
 LI, Jing; LIU, Yao; NIEDERER, Kyle;
 PARKER, Erica, N.; PILLAI, Meenu;
 RASTELLI, Ettore; SYDORENKO,
 Nadiya; TURPOFF, Anthony; WOLL,
 Matthew, G.; ZHANG, Nanjing; ZHANG,
 Yan; ZHENG, Tianyi
 (74) FB Rice Pty Ltd
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- (71) PUBLIC TRANSPORTATION SAFETY
 INT'L CORP.
 (11) AU-A-2022330833
 (21) 2022330833 (22) 09.08.2022
 (54) VEHICLE SAFETY GUARD SYSTEM
 WITH IMPACT DETECTION
 (51) Int. Cl.
B60R 19/56 (2006.01)
B60R 19/44 (2006.01)
B60R 19/54 (2006.01)
B60R 19/00 (2006.01)
B60R 19/24 (2006.01)
 (87) WO2023/022900
 (31) 63/234,450 (32) 18.08.21 (33) US
 (43) 23.02.2023
 (72) BARRON, Mark, B.
 (74) FB Rice Pty Ltd
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- (71) PUBLIC TRANSPORTATION SAFETY
 INT'L CORP.
 (11) AU-A-2022331272
 (21) 2022331272 (22) 17.08.2022
 (54) AUTOMATICALLY DEPLOYABLE
 VEHICLE SAFETY GUARD
 (51) Int. Cl.
B60R 19/54 (2006.01)
B60R 19/56 (2006.01)
B60R 19/46 (2006.01)
B60R 21/34 (2011.01)
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 (72) BARRON, Mark, B.
 (74) FB Rice Pty Ltd
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- (71) PUREWICK CORPORATION
 (11) AU-A-2022339492
 (21) 2022339492 (22) 26.08.2022
 (54) MALE EXTERNAL CATHETER IN-
 CLUDING NONWOVEN MATERIAL
 AND SPACER FABRIC
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A61F 5/453 (2006.01)
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A45B 9/02 (2006.01)
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C07D 487/12 (2006.01)
A61K 31/5025 (2006.01)
A61P 35/00 (2006.01)
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B05B 12/06 (2006.01)
B05C 11/10 (2006.01)
B23P 6/00 (2006.01)
C23C 4/06 (2016.01)
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(54) COMPOUNDS AND METHODS FOR MODULATING SPLICING
(51) Int. Cl.
A61P 25/00 (2006.01)
A61K 31/437 (2006.01)
A61K 31/502 (2006.01)
A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 519/00 (2006.01)
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(51) Int. Cl.
A61P 25/00 (2006.01)
A61K 31/437 (2006.01)
A61K 31/5025 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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A61K 48/00 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/08 (2006.01)
A61B 5/087 (2006.01)
A61M 16/00 (2006.01)
A61M 16/20 (2006.01)
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C07K 14/64 (2006.01)
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A61K 38/095 (2019.01)
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A61K 31/465 (2006.01)
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A61K 38/08 (2019.01)
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G01M 7/00 (2006.01)
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A62C 2/06 (2006.01)
C08F 265/06 (2006.01)
C09D 5/18 (2006.01)
C09K 21/14 (2006.01)
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G21C 9/004 (2006.01)
F16K 31/00 (2006.01)
G21C 13/02 (2006.01)
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F16K 31/00 (2006.01)
G21C 13/02 (2006.01)
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C12P 19/04 (2006.01)
A23L 33/21 (2016.01)
C08B 37/00 (2006.01)
C12N 9/10 (2006.01)
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B01D 53/26 (2006.01)
B01J 20/22 (2006.01)
C02F 1/68 (2023.01)
G05D 22/02 (2006.01)
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B01D 45/04 (2006.01)
B01D 45/12 (2006.01)
B01D 46/00 (2022.01)
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C07H 19/06 (2006.01)
A61P 43/00 (2006.01)
C07F 9/6558 (2006.01)
C07H 21/02 (2006.01)
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(54) METHOD AND DEVICE FOR DIMMING AN ILLUMINANT
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H05B 47/10 (2020.01)
H05B 47/19 (2020.01)

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B63B 79/10 (2020.01)
G01M 15/10 (2006.01)
B63B 79/30 (2020.01)
G01N 1/22 (2006.01)
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 (54) ANTI-PVRIG/ANTI-TIGIT BISPECIFIC ANTIBODY AND APPLICATION
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
C12N 15/13 (2006.01)
C12N 15/85 (2006.01)
G01N 33/574 (2006.01)
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 (54) ANTI-PD-1 ANTIBODY PHARMACEUTICAL COMPOSITION AND USE THEREOF
 (51) Int. Cl.
A61K 9/08 (2006.01)
A61K 9/19 (2006.01)
A61K 39/395 (2006.01)
A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
A61K 47/18 (2017.01)
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A61P 35/00 (2006.01)
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C07D 403/10 (2006.01)
A61K 31/501 (2006.01)
A61P 35/00 (2006.01)
C07D 237/32 (2006.01)
 (87) WO2023/006013
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C07K 16/46 (2006.01)
A61K 38/17 (2006.01)
A61K 38/21 (2006.01)
A61K 47/68 (2017.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/06 (2006.01)
C07K 19/00 (2006.01)
C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
C12N 15/63 (2006.01)
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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C07J 31/00 (2006.01)
A61K 31/575 (2006.01)
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A61P 29/00 (2006.01)
C07J 43/00 (2006.01)
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 (54) METHOD FOR IMPROVING QUALITY OF ANTIBODY-DRUG CONJUGATE PRODUCT
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07D 491/22 (2006.01)
C07K 1/18 (2006.01)
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B64D 31/14 (2006.01)
H01R 13/66 (2006.01)
H05K 1/02 (2006.01)
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 (54) CALIBRATION METHOD FOR A FLOW
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E04B 5/12 (2006.01)
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B03B 7/00 (2006.01)
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B03C 1/30 (2006.01)
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A61K 31/191 (2006.01)
A61F 2/00 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
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 STING PATHWAY
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C12N 15/85 (2006.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 45/06 (2006.01)
C12N 15/63 (2006.01)
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 COMPUTER SYSTEM TO DIS-
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 TOKENS
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G06Q 30/0207 (2023.01)
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FOR PRODUCING VALUABLE METAL
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C22B 7/00 (2006.01)
F27B 3/14 (2006.01)
F27B 3/16 (2006.01)
F27D 1/00 (2006.01)
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TEMPERATURE ANOMALY IN A
FLUIDIZED BED OF A COMBUSTION
BOILER, METHOD FOR CALIBRATING
A NUMERICAL MODEL OF A
FLUIDIZED BED OF A COMBUSTION
BOILER, METHOD FOR ESTIMATING
RISK OF FLUIDIZED BED COMBUSTION
BOILER BED SINTERING,
METHOD OF CONTROLLING A FLUIDIZED
BED BOILER, AS WELL AS A
COMBUSTION BOILER
(51) Int. Cl.
F23C 10/04 (2006.01)
F23C 10/28 (2006.01)
F23N 5/02 (2006.01)
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TEMPERATURE ANOMALY IN A
FLUIDIZED BED OF A REACTOR,
METHOD FOR CALIBRATING A NUMERICAL
MODEL OF A FLUIDIZED
BED OF A REACTOR, METHOD FOR
ESTIMATING RISK OF FLUIDIZED

BED REACTOR BED SINTERING,
METHOD OF CONTROLLING A FLUIDIZED
BED REACTOR, AS WELL AS
A REACTOR
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F23N 5/02 (2006.01)
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LEAKAGE IN A HEAT TRANSFER
FLUID CHANNEL OF A HEAT TRANSFERRING
REACTOR SYSTEM, AND A
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COMPOSITION CONTAINING ORGANIC
FILLERS AND ORGANOSILANE
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C08L 21/00 (2006.01)
C08K 3/06 (2006.01)
C08K 5/00 (2006.01)
C08L 7/00 (2006.01)
C08L 9/00 (2006.01)
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H02M 7/00 (2006.01)
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(54) METHOD AND SYSTEM FOR PRODUCING
PATTERNED LIQUID
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A23P 10/00 (2016.01)
A23L 2/00 (2006.01)
A23L 2/52 (2006.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)

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FRUIT AND BEVERAGE CONTAINING
THE SAME
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A23L 19/00 (2016.01)
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DERIVED FROM BIO-OIL
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C10G 1/04 (2006.01)
A01N 27/00 (2006.01)
A01N 31/00 (2006.01)
C10B 53/02 (2006.01)
C10L 5/44 (2006.01)
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C07D 403/04 (2006.01)
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(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
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B61L 27/60 (2022.01)
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(54) METHODS AND SYSTEMS FOR MINING
(51) Int. Cl.
E21C 35/24 (2006.01)
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A61K 39/00 (2006.01)
A61C 15/04 (2006.01)
A61M 31/00 (2006.01)
C07K 14/315 (2006.01)
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A61K 48/00 (2006.01)
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A01N 43/16 (2006.01)
A01N 25/10 (2006.01)
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A01N 47/44 (2006.01)
A01P 1/00 (2006.01)
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(54) COSMETIC COMPOSITIONS
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A61K 8/73 (2006.01)
A61K 8/64 (2006.01)
A61Q 19/08 (2006.01)
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A61K 8/58 (2006.01)
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(54) METHOD FOR IDENTIFYING A SOLVENT FOR A MATRIKINE
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G16C 20/30 (2019.01)
A61K 8/64 (2006.01)
A61K 9/00 (2006.01)
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(54) ENGINEERED MUSCLE TARGETING COMPOSITIONS
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C12N 15/85 (2006.01)
A61P 21/00 (2006.01)
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(54) METHOD AND SYSTEM FOR DETERMINING THE LOCATION OF A SEISMIC EVENT
(51) Int. Cl.
G01V 1/18 (2006.01)
F41J 5/04 (2006.01)
F42D 5/02 (2006.01)
G01V 1/30 (2006.01)
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(54) METHOD OF MAKING LOW-SUGAR CAMELS
(51) Int. Cl.

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A23G 3/34 (2006.01)
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(54) REDUCED SUGAR MILK CHOCOLATE CONFECTIONS AND METHODS FOR MAKING THE SAME
(51) Int. Cl.
A23G 1/40 (2006.01)
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(54) GENETICALLY ENGINEERED CELL-DERIVED VACCINES
(51) Int. Cl.
A61K 39/00 (2006.01)
C12N 5/078 (2010.01)
C07K 14/705 (2006.01)
C12N 5/10 (2006.01)
(87) WO2023/018984
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(43) 16.02.2023
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(21) 2022322876 **(22)** 02.08.2022
(54) TEMPERATURE-CONTROLLED PHOTOCATALYTIC AND OTHER CHEMICAL REACTIONS
(51) Int. Cl.
B01J 19/12 (2006.01)
B01J 23/26 (2006.01)
B01J 23/46 (2006.01)
C25B 1/02 (2006.01)
C25B 1/55 (2021.01)
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(54) COMPOSITIONS AND METHODS FOR METAL CONTAINING FORMULATIONS CAPABLE OF MODULATING IMMUNE RESPONSE
(51) Int. Cl.
A61K 47/69 (2017.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 31/395 (2006.01)
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(21) 2022325164 **(22)** 05.08.2022
(54) COMPOSITIONS AND METHODS FOR TREATMENT AND PREVENTION OF MISFOLDED PROTEINS
(51) Int. Cl.
A61K 31/7105 (2006.01)
A61K 38/02 (2006.01)
A61K 38/17 (2006.01)
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(43) 09.02.2023
(72) YANG, Xiaolu; HUANG, Liangqian
(74) FB Rice Pty Ltd
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(54) CHIMERIC ANTIGEN RECEPTORS COMPRISING INTERLEUKIN-9 RECEPTOR SIGNALING DOMAIN
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
C07K 16/30 (2006.01)
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(51) Int. Cl.
A61K 38/16 (2006.01)
A61P 1/00 (2006.01)
A61P 39/00 (2006.01)
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(54) MIXED LINEAGE KINASE INHIBITORS AND METHODS OF USE
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A61P 35/00 (2006.01)
A61K 31/4427 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 487/08 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) GENE THERAPY PRODUCTS FACILITATING BYSTANDER EFFECTS AND METHODS USING THE SAME
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 38/45 (2006.01)
A61K 48/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
A61P 43/00 (2006.01)
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(54) A METAL ORGANIC FRAMEWORK (MOF) GLASS COMPOSITE COM-

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H01L 31/0256 (2006.01)
B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
C01G 21/00 (2006.01)
C07F 3/06 (2006.01)
C07F 15/06 (2006.01)
H01L 21/02 (2006.01)
H01L 31/04 (2014.01)
H01L 31/09 (2006.01)
H01L 31/20 (2006.01)
H01L 33/16 (2010.01)
H10K 30/00 (2023.01)
H10K 71/00 (2023.01)
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(54) INJECTABLE COMPOSITION
(51) Int. Cl.
A61L 27/20 (2006.01)
A61K 8/04 (2006.01)
A61K 8/23 (2006.01)
A61K 8/42 (2006.01)
A61K 8/73 (2006.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 31/717 (2006.01)
A61K 47/02 (2006.01)
A61K 47/18 (2017.01)
A61L 27/52 (2006.01)
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A61P 19/02 (2006.01)
A61Q 19/08 (2006.01)
C08B 15/00 (2006.01)
C08J 3/09 (2006.01)
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(54) APPARATUS, SYSTEM AND METHOD FOR PRODUCING HYDROGEN PEROXIDE, HYDROCARBON(S) AND SYNGAS
(51) Int. Cl.
H05H 1/24 (2006.01)
B01J 19/00 (2006.01)
B01J 19/08 (2006.01)
B01J 19/24 (2006.01)
C01B 3/04 (2006.01)
C01B 15/027 (2006.01)
C07C 51/00 (2006.01)
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(54) ADAPTABLE ROOFTOP TENT SYSTEM
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E04H 15/06 (2006.01)
B60P 3/32 (2006.01)
E04H 15/48 (2006.01)
E04H 15/64 (2006.01)
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B32B 7/00 (2019.01)
B32B 27/36 (2006.01)
C09D 167/04 (2006.01)
(87) WO2023/031908
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(72) HAVIV, Amit; ATIAS-MEKAEHEL, Neta; LANCRY, Eli
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2022369776 **(22)** 28.06.2022
(54) N-TYPE DOUBLE-SIDED SOLAR CELL PREPARATION METHOD
(51) Int. Cl.
H01L 31/18 (2006.01)
C23C 16/34 (2006.01)
C23C 16/40 (2006.01)
C23C 16/513 (2006.01)
H01L 21/02 (2006.01)
H01L 31/0216 (2014.01)
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(51) Int. Cl.
C10G 2/00 (2006.01)
C10G 3/00 (2006.01)
C10G 65/14 (2006.01)
C10L 1/04 (2006.01)
C10L 1/08 (2006.01)
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(54) PULLEY ASSEMBLY
(51) Int. Cl.
B66D 3/08 (2006.01)
A63G 21/22 (2006.01)
B63B 21/04 (2006.01)
B66C 21/00 (2006.01)
F16H 55/32 (2006.01)
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(54) MORTAR COMPOSITION AND USE THEREOF IN CONSTRUCTION
(51) Int. Cl.
C04B 28/18 (2006.01)
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(54) UV RADIATION SOURCE ASSEMBLY
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A61L 2/10 (2006.01)
B01J 19/12 (2006.01)
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G21G 1/12 (2006.01)
H01J 35/08 (2006.01)
H05H 6/00 (2006.01)
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(54) PRO-APOPTOTIC CONSTRUCT AND USE THEREOF
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C07K 14/47 (2006.01)
A61K 35/17 (2015.01)
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(54) CRYSTALLIZATION PROCESS FOR THE SEPARATION OF METALS
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C22B 3/08 (2006.01)
C22B 3/00 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(54) LECTIN-DRUG CONJUGATES
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A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
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(11) AU-A-2022356491
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(54) RECOMBINANT GLYCAN BINDING PROTEINS AND ITS USE
(51) Int. Cl.
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A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
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(11) AU-A-2022339959
(21) 2022339959 (22) 02.09.2022
(54) SILICON-CARBON COMPOSITE FIBER
(51) Int. Cl.
C01B 33/025 (2006.01)
C01B 33/02 (2006.01)
H01M 4/133 (2010.01)
H01M 4/134 (2010.01)
H01M 10/052 (2010.01)
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(74) WRAYS PTY LTD
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(21) 2022331216 (22) 18.08.2022
(54) MICROFLUIDIC DEVICES, SYSTEMS AND METHODS FOR PROVIDING AN INDICATION OF RHEOLOGY OF A SUBSTANCE
(51) Int. Cl.
F16K 99/00 (2006.01)
B01L 3/00 (2006.01)
F04B 19/00 (2006.01)
F04B 43/04 (2006.01)
F15C 1/00 (2006.01)
F15C 1/02 (2006.01)
F15C 1/04 (2006.01)
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(74) Blue Penguin IP Ltd
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(54) SHELF-STABLE STERILIZATION OF APTAMER-SENSORS FOR IN-VIVO MEASUREMENT IN HUMANS
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A61B 5/145 (2006.01)
G01N 33/53 (2006.01)
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(54) J PARAMYXOVIRUS VACCINES
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 39/145 (2006.01)
A61K 39/155 (2006.01)
C07K 14/115 (2006.01)
C12N 7/00 (2006.01)
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(72) HE, Biao
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(54) ACTIVE COMPRESSION BONE SCREW
(51) Int. Cl.
A61B 17/86 (2006.01)
(87) WO2023/027869
(31) 17/412,689 (32) 26.08.21 (33) US
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(72) GREGERSEN, Colin S.; FALLIN, T. Wade; SALTZMAN, Charles L.
(74) Spruson & Ferguson
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- (71) UOP LLC
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(21) 2022345254 (22) 12.09.2022
(54) METHOD TO IMPROVE REDOX FLOW BATTERY PERFORMANCE
(51) Int. Cl.
H01M 8/18 (2006.01)
H01M 4/96 (2006.01)
H01M 8/04082 (2016.01)
H01M 8/04186 (2016.01)
(87) WO2023/044287
(31) 17/474,200 (32) 14.09.21 (33) US
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(72) LIU, Chunqing; BA, Chaoyi; DONG, Xueliang
(74) Patent Attorney Services
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- (71) UOP LLC
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(21) 2022347318 (22) 12.09.2022
(54) ANION EXCHANGE POLYMERS AND MEMBRANES FOR ELECTROLYSIS
(51) Int. Cl.
C08G 12/26 (2006.01)
C08G 8/10 (2006.01)
C08J 5/22 (2006.01)
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 13/08 (2006.01)

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 (74) Patent Attorney Services

(71) UOP LLC
 (11) AU-A-2022348911
 (21) 2022348911 (22) 21.09.2022
 (54) FERRIC ION REDUCTION SYSTEM TO ENABLE ELECTROLYTE REBALANCE WITHIN AN IRON FLOW BATTERY
 (51) Int. Cl.
 H01M 8/18 (2006.01)
 H01M 8/04276 (2016.01)
 H01M 8/0444 (2016.01)
 H01M 8/04791 (2016.01)
 (87) WO2023/049751
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 (72) MILLER, Stuart R.; DIGIULIO, Christopher D.; KENDER, William T.
 (74) Patent Attorney Services

(71) UOP LLC
 (11) AU-A-2022349619
 (21) 2022349619 (22) 20.09.2022
 (54) METHOD FOR REFRESHING ASYMMETRIC MIXED SOLUTION FOR REDOX FLOW BATTERIES
 (51) Int. Cl.
 H01M 8/18 (2006.01)
 H01M 8/04186 (2016.01)
 H01M 8/04276 (2016.01)
 H01M 8/04791 (2016.01)
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 (72) KENDER, William T.; OSMAN, Zara
 (74) Patent Attorney Services

(71) UOP LLC
 (11) AU-A-2022352945
 (21) 2022352945 (22) 20.09.2022
 (54) MITIGATION OF SOLUTION CROSS-OVER USING DIFFERENTIAL ELECTROLYTE FORMULATIONS IN REDOX FLOW BATTERY SYSTEMS
 (51) Int. Cl.
 H01M 8/18 (2006.01)
 H01M 8/24 (2016.01)
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 (74) Patent Attorney Services

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C25B 1/02 (2006.01)
 C01B 3/04 (2006.01)
 C25B 9/23 (2021.01)
 C25B 13/07 (2021.01)
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 G06Q 30/02 (2023.01)
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 A61K 38/16 (2006.01)
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 A61P 19/02 (2006.01)
 A61P 37/06 (2006.01)
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 G16H 20/30 (2018.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 B01J 20/02 (2006.01)
 B01D 53/64 (2006.01)
 B01J 20/04 (2006.01)
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 B01J 20/18 (2006.01)
 B01J 20/20 (2006.01)
 B01J 20/28 (2006.01)
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H04W 84/18 (2009.01)
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A61P 25/08 (2006.01)
C07D 401/14 (2006.01)
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G01N 21/33 (2006.01)
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C12M 1/00 (2006.01)
A01N 1/02 (2006.01)
A61P 7/08 (2006.01)
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G06N 20/00 (2019.01)
G06Q 10/06 (2023.01)
G06F 40/174 (2020.01)
G06N 3/00 (2023.01)
G06N 5/04 (2023.01)
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G06F 3/0484 (2022.01)
G06Q 10/06 (2023.01)
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H04L 51/04 (2022.01)
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(54) SYSTEMS AND METHODS FOR IMPLEMENTING REINFORCEMENT LEARNING IN TASK-FACILITATION SERVICES
(51) Int. Cl.
G06N 3/08 (2023.01)
G06N 20/00 (2019.01)
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G06F 3/0481 (2022.01)
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G06N 3/08 (2023.01)
G06Q 10/06 (2023.01)
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H04L 51/18 (2022.01)
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(51) Int. Cl.
G06Q 10/10 (2023.01)
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(51) Int. Cl.
G06F 9/445 (2018.01)
G06Q 10/06 (2023.01)
G06Q 10/10 (2023.01)
H04W 4/029 (2018.01)
G06F 3/0482 (2013.01)
G06Q 50/08 (2012.01)
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(54) SYSTEMS AND METHODS FOR INTEGRATION OF CALENDAR APPLICATIONS WITH TASK FACILITATION SERVICES
(51) Int. Cl.
G06F 3/0481 (2022.01)
G06F 3/0482 (2013.01)
G06F 9/44 (2018.01)
G06Q 10/10 (2023.01)
H04W 4/12 (2009.01)
G06F 9/48 (2006.01)
H04L 51/046 (2022.01)
H04L 51/18 (2022.01)
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(51) Int. Cl.
G06Q 10/06 (2023.01)
G06F 9/451 (2018.01)
G06F 9/50 (2006.01)
G06Q 10/00 (2023.01)
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(72) MATSUOKA, Yoky; VISWANATHAN, Nitin; LIU, Lingyun; DEMING, Benjamin;
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(21) 2022343717 (22) 07.09.2022
(54) SYSTEMS AND METHODS FOR INGESTING TASK DATA AND GENERATING TASKS FROM A BROWSER
(51) Int. Cl.
G06F 16/9535 (2019.01)
G06F 16/248 (2019.01)
G06F 40/30 (2020.01)
(87) WO2023/039431
(31) 63/241,253 (32) 07.09.21 (33) US
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(11) AU-A-2022339044
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(54) DOSAGE REGIME
(51) Int. Cl.
A61K 38/26 (2006.01)
A61K 38/00 (2006.01)
A61P 3/04 (2006.01)
A61P 5/48 (2006.01)
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(31) 21194879.9 (32) 03.09.21 (33) EP
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(72) AGERSNAP, Mikkel Askjær
(74) Madderns Pty Ltd
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(54) ANTI-TGFβ1,2,3 ANTIBODIES AND THERAPEUTIC USES THEREOF
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A61P 13/12 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/22 (2006.01)
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(72) BERGERON, Lisa, Marie; CAMPOS, Henry, Luis
(74) Davies Collison Cave Pty Ltd
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(21) 2021466220 (22) 28.09.2021
(54) SEGMENTED PRE-COMPENSATION MANAGEMENT TECHNIQUES
(51) Int. Cl.
H04W 74/08 (2009.01)
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(72) CUI, Fangyu; ZHANG, Nan; DAI, Jianqiang
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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2021458878	NEXTCHEM TECH S.P.A.	2022319860	CONSERVATION X LABS, INC.
2021459476	KIMBERLY-CLARK WORLDWIDE, INC.	2022320001	ALEXANDER TAYLOR LTD
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2021460019	KIMBERLY-CLARK WORLDWIDE, INC.	2022320143	POWERED TECHNOLOGY SOLUTIONS INC.
2021463061	FOSROC INTERNATIONAL LIMITED	2022320615	CELCUITY INC.
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2021463299	ELSTEEL (PRIVATE) LIMITED	2022320902	UMICORE
2021463345	SINO IRON HOLDINGS PTY LTD	2022320935	METALOGENIA RESEARCH & TECHNOLOGIES, S.L.
2021463409	COLGATE-PALMOLIVE COMPANY	2022320991	DEPUY SYNTHES PRODUCTS, INC.
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2021466220	ZTE CORPORATION	2022321663	EVONIK OPERATIONS GMBH
2021466987	PAUL SCHERRER INSTITUT	2022321783	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
2021467500	LENOVO (SINGAPORE) PTE. LTD.	2022322017	ESSERRE PHARMA SRL
2021467706	HALLIBURTON ENERGY SERVICES, INC.	2022322099	EVA-LAST HONG KONG LIMITED
2021468486	LEXMARK INTERNATIONAL, INC	2022322499	LG ELECTRONICS INC.
2021468503	UTILITY GLOBAL, INC.	2022322679	CHUNG ANG UNIVERSITY INDUSTRY ACADEMIC COOPERATION FOUNDATION; HAPLNSCIENCE INC.
2021469314	PETER MACCALLUM CANCER INSTITUTE	2022322876	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
2021472752	HALLIBURTON ENERGY SERVICES, INC.	2022322998	TEXAS TECH UNIVERSITY SYSTEM
2021473283	HALLIBURTON ENERGY SERVICES, INC.	2022323312	ROBERT BOSCH GMBH
2022279371	Hengdian Group DMEGC Magnetics Co., Ltd.	2022323592	BRGM
2022313501	KONINKLIJKE PHILIPS N.V.	2022323667	NOKIA TECHNOLOGIES OY
2022313975	AXON ENTERPRISE, INC.	2022323728	HEINEKEN SUPPLY CHAIN B.V.
2022314177	ARGO GMBH	2022323761	TRISTANCHO TELLO, M.C.; RODRÍGUEZ LARA, L.L.
2022315248	APPARENT LABS, LLC	2022323968	ELC MANAGEMENT LLC
2022316228	SPARK THERAPEUTICS, INC.	2022324116	THE BROAD INSTITUTE, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE; MASSACHUSETTS INSTITUTE OF TECHNOLOGY
2022316726	SHAPERON INC.; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION	2022324406	INNOVENT BIOLOGICS (SUZHOU) CO., LTD.
2022316931	LITDD MEDICINES LTD	2022324555	CALA HEALTH, INC.
2022316964	ELC MANAGEMENT LLC	2022324565	THE BOEING COMPANY
2022316993	HUNG, M.; EVER SUPREME BIO TECHNOLOGY CO., LTD	2022324667	BIN MUSTAPHA @ PA, A.; ARDRON, K.H.
2022316995	SHANGHAI QILU PHARMACEUTICAL RESEARCH AND DEVELOPMENT CENTRE LTD.	2022324701	AESCULAP AG
2022317124	ANWITA BIOSCIENCES, INC.	2022324710	WONDERLAND SWITZERLAND AG
2022317139	LANTERN PHARMA INC.	2022324945	CYLITE PTY LTD
2022317184	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2022324946	BREATHESAFE PTY LTD
2022317249	NEPHRIS SRL	2022324965	INTEROLIGO CORPORATION.
2022317251	MERCK PATENT GMBH	2022324975	PRINCIPLE POWER, INC.
2022317291	MEDOS INTERNATIONAL SARL	2022325136	CALA HEALTH, INC.
2022317321	GREY WOLF THERAPEUTICS LIMITED	2022325158	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
2022317537	R.P. SCHERER TECHNOLOGIES, LLC	2022325164	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2022317608	SHANGHAI FUDAN-ZHANGJIANG BIO-PHARMACEUTICAL CO., LTD.	2022325208	DEXCOM, INC.
2022317677	CHINA PHARMACEUTICAL UNIVERSITY	2022325354	CHANGCHUN INTELICROWN PHARMACEUTICAL CO., LTD.; SHANGHAI INTELICROWN BIOTECHNOLOGY CO., LTD.
2022317995	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	2022325398	NORTON (WATERFORD) LIMITED
2022318222	MEDOS INTERNATIONAL SARL	2022325474	PPG INDUSTRIES OHIO, INC.
2022318343	MERCK PATENT GMBH	2022325483	MIRNAGREEN S.R.L.
2022318429	ENGRO CORPORATION LIMITED	2022325484	INERATEC GMBH; KARLSRUHER INSTITUT FÜR TECHNOLOGIE
2022319011	ENVIROKURE, INCORPORATED	2022325494	FESTOOL GMBH
2022319032	ELC MANAGEMENT LLC	2022325495	FESTOOL GMBH
2022319140	IPASSETS TECHNOLOGY HOLDINGS INC.	2022325518	RK PHARMA INC.
2022319175	REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD		
2022319373	MIYAZAKI, T.		
2022319689	AXON ENTERPRISE, INC.		
2022319690	DARE BIOSCIENCE, INC.; FRIEND, D.; KIANG, J.; PACELLI, N.J.; WALTERS, M.		
2022319774	HAS LLC		
2022319779	VITAL ECARE		

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2022325535	BIOCON LIMITED	2022332707	BIO CONSULTANCY PTY LTD
2022325756	SHANGHAI XUNBAIHUI BIOTECHNOLOGY CO., LTD.; GV20 THERAPEUTICS LLC	2022332709	HELPPAY PTY LTD
2022325849	ECOLECTRO, INC.	2022332713	NUPLANT PTY LTD
2022325891	MESO SCALE TECHNOLOGIES, LLC.	2022332718	SUZANO S.A.
2022325906	THE UNIVERSITY OF SYDNEY	2022332728	KYOWA KIRIN CO., LTD.
2022325923	DEXCOM, INC.	2022332758	CJ CHEILJEDANG CORPORATION
2022326063	HARBOUR BIOMED (SHANGHAI) CO., LTD	2022332869	UNIVERSITY OF UTAH RESEARCH FOUNDATION
2022326107	SHANGHAI TTM-BIO TECHNOLOGY CO., LTD.	2022332906	ARTHROSI THERAPEUTICS, INC.
2022326218	FESTOOL GMBH	2022333163	THE BOOTS COMPANY PLC
2022326490	LEWIS WOOLCOTT	2022333197	25SEGMENTS AG
2022326575	EMENDOBIO INC.	2022333247	HUNTER DOUGLAS INDUSTRIES B.V.
2022326836	FESTOOL GMBH	2022333407	SUNTORY HOLDINGS LIMITED
2022327397	INNOVENT BIOLOGICS (SUZHOU) CO., LTD.	2022333521	INTELLIGAS TECHNOLOGY DEVELOPMENTS PTY LTD
2022327742	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED	2022333526	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2022327756	CHEMO RESEARCH, S.L.	2022333538	CHILDREN'S MEDICAL RESEARCH INSTITUTE
2022328217	KULEON LLC	2022333542	INTELLIGAS TECHNOLOGY DEVELOPMENTS PTY LTD
2022328263	GROBUD PTY LTD	2022333545	COOK, J.
2022328288	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022333558	SUMITOMO METAL MINING CO., LTD.
2022328307	HOLLISTER INCORPORATED	2022333645	BLACKMORES LTD
2022328323	ARCHER AVIATION, INC.	2022333649	MTI GROUP PTY LTD
2022328329	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2022333658	WOMEN AT WORK GROUP PTY LTD
2022328531	JOINT STOCK COMPANY "BIOCAD"	2022333752	LG ELECTRONICS INC.
2022328560	VIASAT, INC.	2022333819	KYOWA HAKKO BIO CO., LTD.
2022328570	PPG INDUSTRIES OHIO, INC.	2022333837	PEPTRON, INC.
2022328735	INTEGRITY BIO-CHEMICALS, LLC	2022333922	CJ CHEILJEDANG CORPORATION
2022328859	RESMED PTY LTD	2022333934	LG ELECTRONICS INC.
2022328865	ARC MEDICAL INC.	2022333968	CATERPILLAR INC.
2022328992	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2022333973	FRYMASTER LLC
2022329082	ROLLS-ROYCE SMR LIMITED	2022334031	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
2022329227	NANOMAB TECHNOLOGY LIMITED	2022334113	RIVER 2 RENAL CORP.
2022329447	CANTAB BIOPHARMACEUTICALS PATENTS LIMITED	2022334152	AEROMINE TECHNOLOGIES, INC.
2022329730	ELICIO THERAPEUTICS, INC.	2022334229	HUAWEI TECHNOLOGIES CO., LTD.
2022329949	CAPITAL ONE SERVICES, LLC	2022334260	CATERPILLAR INC.
2022329956	CORN PRODUCTS DEVELOPMENT, INC.	2022334300	BAKER HUGHES OILFIELD OPERATIONS LLC
2022330017	BAKER HUGHES OILFIELD OPERATIONS LLC	2022334327	AGRITX, LLC
2022330298	ROLLS-ROYCE SMR LIMITED	2022334419	EDWARDS LIFESCIENCES CORPORATION
2022330589	BLUE PRISM LIMITED	2022334454	PRIME MEDICINE, INC.
2022330612	FISHER & PAYKEL HEALTHCARE LIMITED	2022334474	PTC THERAPEUTICS, INC.
2022330833	PUBLIC TRANSPORTATION SAFETY INT'L CORP.	2022334483	LIFETIME PRODUCTS, INC.
2022331216	UNIVERSITY OF CANTERBURY	2022334501	HUAWEI TECHNOLOGIES CO., LTD.
2022331272	PUBLIC TRANSPORTATION SAFETY INT'L CORP.	2022334540	BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED
2022331350	ADICET THERAPEUTICS, INC.	2022334614	AC CHAIR LLC
2022331468	CATERPILLAR INC.	2022334677	TREEMAGINEERS LTD
2022331568	N1 LIFE, INC.	2022334698	ODFJELL TECHNOLOGY INVEST LTD
2022331578	DEWPOINT THERAPEUTICS, INC.	2022334724	LUNAR OUTPOST INC.
2022331586	VIASAT, INC.	2022334740	INNOPEAK TECHNOLOGY, INC.
2022331739	PRISMA PHOTONICS LTD	2022334790	ABUS AUGUST BREMICKER SÖHNE KG
2022331799	CANTAB BIOPHARMACEUTICALS PATENTS LIMITED	2022334836	IMPERIAL COLLEGE INNOVATIONS LTD
2022331926	THE COMMONWEALTH OF AUSTRALIA	2022334882	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.;
2022331927	TECHNOLOGICAL RESOURCES PTY. LIMITED	2022334909	FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG
2022331934	TECHNOLOGICAL RESOURCES PTY. LIMITED	2022334961	NEUROLUTIONS, INC.
2022331937	RAPIDAIM HOLDINGS PTY LTD	2022334962	MITOCHOLINE LTD
2022331938	DRASLOVKA SERVICES PTY LTD	2022335015	NICOVENTURES TRADING LIMITED
2022332107	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	2022335160	GENNOVA BIOPHARMACEUTICALS LTD.
2022332224	GEOQUEST SYSTEMS B.V.	2022335162	CHILDREN'S MEDICAL RESEARCH INSTITUTE;
2022332270	LIFETIME PRODUCTS, INC.	2022335165	THE SYDNEY CHILDREN'S HOSPITALS NETWORK (RANDWICK AND WESTMEAD) (INCORPORATING THE ROYAL ALEXANDRA HOSPITAL FOR CHILDREN); LOGICBIO THERAPEUTICS, INC.
2022332295	YOHANA LLC	2022335172	ILUKA RESOURCES LIMITED; AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION
2022332298	CANBRIDGE PHARMACEUTICALS, INC.; LOGICBIO THERAPEUTICS, INC.	2022335174	DRASLOVKA SERVICES PTY LTD
2022332357	HARBIN MEDISAN PHARMACEUTICAL CO., LTD.	2022335174	CANADIANPOND.CA PRODUCTS LTD.
2022332649	MARIELECTRONICS OY	2022335413	INKBOX INK INCORPORATED
2022332653	ROQUETTE FRERES		ECOTECH, LLC
2022332665	ASPECT BIOSYSTEMS LTD.		
2022332667	NOVOCUFF, INC.		
2022332692	MOHIDEEN, F.A.		

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2022335453	CHINA COAL TECHNOLOGY AND ENGINEERING GROUP TAIYUAN INSTITUTE; SHANXI TIANDI COAL MINING MACHINERY CO., LTD.	2022339157	FUJIFILM CORPORATION; NATIONAL UNIVERSITY CORPORATION TOKYO MEDICAL AND DENTAL UNIVERSITY
2022335518	AGRITX, LLC	2022339235	MAKO SURGICAL CORPORATION
2022335523	BAKER HUGHES OILFIELD OPERATIONS LLC	2022339238	CATERPILLAR INC.
2022335528	HELIPONIX, LLC	2022339428	CATERPILLAR INC.
2022335593	CANBRIDGE PHARMACEUTICALS, INC.; LOGICBIO THERAPEUTICS, INC.	2022339492	PUREWICK CORPORATION
2022335605	GEOQUEST SYSTEMS B.V.	2022339498	NUTCRACKER THERAPEUTICS, INC.
2022335728	METSO FINLAND OY	2022339782	CATERPILLAR INC.
2022335767	FISHER & PAYKEL HEALTHCARE LIMITED	2022339791	NATERA, INC.
2022335914	THE UNIVERSITY OF QUEENSLAND; THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE	2022339815	MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES
2022335918	THE UNIVERSITY OF QUEENSLAND; BULUGUDU LIMITED	2022339826	SEAACTOS HOLDINGS LLC
2022336130	HAMEUR	2022339846	ALIGOS THERAPEUTICS, INC.; MERCK SHARP & DOHME LLC
2022336152	OREXA B.V.	2022339849	YOHANA LLC
2022336157	SILENCE THERAPEUTICS GMBH	2022339921	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2022336672	FLARM TECHNOLOGY AG	2022339925	REMIX THERAPEUTICS INC.
2022336837	AESTHETIC TECHNOLOGY LIMITED	2022339934	YOHANA LLC
2022336868	NOVARTIS AG	2022339948	3HELIX, INC.
2022336889	LANOVA MEDICINES LIMITED	2022339954	REPLICATE BIOSCIENCE, INC.
2022336965	STAUF, A.; STAUF DESIGN AUS HOLZ GMBH	2022339959	UNIFRAX I LLC
2022337013	LOCINOX	2022339968	CAMP4 THERAPEUTICS CORPORATION
2022337087	NOVARTIS AG	2022339969	YOHANA LLC
2022337146	TACIT THERAPEUTICS, INC.	2022340407	SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD.
2022337149	GOOGLE LLC	2022340445	MYLAPS B.V.
2022337152	ACTNANO, INC.	2022340469	EDWARDS LIFESCIENCES CORPORATION
2022337211	NEWSOUTH INNOVATIONS PTY LIMITED	2022340483	BAYER CROPSCIENCE LP
2022337220	COLT CANADA CORPORATION	2022340539	ETHISMOS RESEARCH, INC.
2022337266	NOVELMED THERAPEUTICS, INC.	2022340582	MEDIGEN VACCINE BIOLOGICS CORPORATION; DYNAVAX TECHNOLOGIES CORPORATION (U.S.A.)
2022337270	YOHANA LLC	2022340663	THE BOOTS COMPANY PLC
2022337281	BASF AGRICULTURAL SOLUTIONS SEED US LLC	2022340664	KHR BIOTEC GMBH
2022337282	YOHANA LLC	2022340723	SIDUS SPACE, INC.
2022337602	HUAWEI TECHNOLOGIES CO., LTD.	2022340743	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
2022337912	EAGLEBURGMANN GERMANY GMBH & CO. KG	2022340791	REMIX THERAPEUTICS INC.
2022338073	EDWARDS LIFESCIENCES CORPORATION	2022340817	ESSA PHARMA INC.
2022338141	EVOLV TECHNOLOGIES, INC.	2022340826	YOHANA LLC
2022338199	BAVARIAN NORDIC A/S	2022340861	BASF AGRICULTURAL SOLUTIONS SEED US LLC
2022338202	BASF SE	2022340887	CHR. HANSEN A/S
2022338219	EPLANT, INC.	2022340897	SYNTHON B.V.
2022338232	ACCUMED RADIAL SYSTEMS, LLC	2022340924	BASF SE
2022338243	QUADRUFIT LLC	2022340938	WIREPAS OY
2022338257	SIMPSON STRONG-TIE COMPANY INC.	2022340961	ADVANCED HEALTH INTELLIGENCE LTD
2022338269	EXAIL ROBOTICS	2022341009	TIPA CORP. LTD
2022338282	DJS ANTIBODIES LTD	2022341029	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2022338299	LUBRIZOL ADVANCED MATERIALS, INC.	2022341105	YOHANA LLC
2022338346	A.C.N. 652 266 101 PTY LTD	2022341188	MEDIMMUNE LIMITED; SANOFI PASTEUR INC.
2022338348	SMARTFEM MEDICAL TECHNOLOGY PTY LTD	2022341233	BOSTON SCIENTIFIC SCIMED, INC.
2022338353	BERLINCK DUTRA VAZ, F.	2022341237	ACE BAYOU CORP.
2022338359	CRYOS TECHNOLOGIES INC.	2022341300	COLGATE-PALMOLIVE COMPANY
2022338382	GOODMAN CO., LTD.	2022341507	BAYER AKTIENGESELLSCHAFT
2022338459	CROSS TECHNOLOGY LABO CO.,LTD.	2022341600	REBEL DYNAMICS S.R.L.
2022338503	LENG, L.	2022341608	ARTUGEN THERAPEUTICS LTD.
2022338789	REYNOLDS PRESTO PRODUCTS INC.	2022341628	CONTERNO & BONA S.R.L.
2022338874	THE HERSHEY COMPANY	2022341909	HUSQVARNA AB
2022338878	CORN PRODUCTS DEVELOPMENT, INC.	2022341962	GRENOVA, INC.
2022338916	THE BOOTS COMPANY PLC	2022341972	ABSTRACTIVE HEALTH, INC.
2022338949	SCHNEIDER ELECTRIC INDUSTRIES SAS	2022341977	ILLINOIS TOOL WORKS INC.
2022339008	BASF SE	2022341988	UNIVERSITY OF CINCINNATI
2022339011	UMC UTRECHT HOLDING B.V.	2022342002	JSR LIFE SCIENCES, LLC
2022339042	KING'S COLLEGE LONDON	2022342069	RIVER 3 RENAL CORP.; F. HOFFMANN-LA ROCHE AG
2022339044	ZEALAND PHARMA A/S	2022342162	YOHANA LLC
2022339061	ORANO MINING; COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES	2022342165	YOHANA LLC
2022339065	CHRISTIAN-ALBRECHTS-UNIVERSITÄT ZU KIEL; FACHHOCHSCHULE KIEL; FREIE UNIVERSITÄT BERLIN; MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.		
2022339088	GARDIN LTD		

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2022342243	BLUE VIGIL LLC	2022347883	BROS HOLDING APS
2022342356	HEMPEL A/S	2022348405	MOTOROLA SOLUTIONS, INC.
2022342367	PROXDRIVE AS	2022348422	CROWN EQUIPMENT CORPORATION
2022342369	TOTALENERGIES ONETECH	2022348442	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
2022342389	BAE SYSTEMS PLC	2022348451	ABBOTT DIABETES CARE INC.
2022342780	ABIOMED EUROPE GMBH	2022348561	ELI LILLY AND COMPANY
2022342919	GAIA BIOMEDICINE INC.	2022348600	JSR IP HOLDINGS PTY LTD
2022343115	ALIGOS THERAPEUTICS, INC.; MERCK SHARP & DOHME LLC	2022348602	E M SOLUTIONS PTY LTD
2022343259	NANOPATH INC.	2022348728	ADVANTARIA SL
2022343269	INSULET CORPORATION	2022348798	H. LUNDBECK A/S
2022343474	MASTERBUILT MANUFACTURING, LLC	2022348911	UOP LLC
2022343478	ARRIS ENTERPRISES LLC	2022348961	ARRIS ENTERPRISES LLC
2022343525	ILLINOIS TOOL WORKS INC.	2022349463	XENON PHARMACEUTICALS INC.
2022343622	ACE BAYOU CORP.	2022349619	UOP LLC
2022343658	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2022349672	ALLTACH APS
2022343714	YOHANA LLC	2022349693	ZOETIS SERVICES LLC
2022343717	YOHANA LLC	2022349831	KEMIRA OYJ
2022343793	LIFE TECHNOLOGIES CORPORATION	2022350680	BOSTON SCIENTIFIC SCIMED, INC.
2022343876	RAWWATER APPLIED TECHNOLOGY LIMITED	2022350832	AB LINDE
2022343884	RWM SCHWEIZ AG	2022350995	AB LINDE
2022343893	SUMITOMO SHI FW ENERGIA OY	2022351262	ARGO NATURAL RESOURCES LIMITED
2022343896	BASF SE	2022351350	HENDRICKSON USA, L.L.C.
2022343927	MEDHERANT LTD	2022351465	FRESE A/S
2022344115	ILLINOIS TOOL WORKS INC.	2022351518	STATION CASINOS LLC
2022344161	COLGATE-PALMOLIVE COMPANY	2022351638	SAIPEM S.A.
2022344183	LEAP PHOTOVOLTAICS INC.	2022351649	AB LINDE
2022344518	CISTRON INNOVATIONS SÀRL	2022352207	SATO HOLDINGS KABUSHIKI KAISHA
2022344520	SUMITOMO SHI FW ENERGIA OY	2022352442	CJ CHEILJEDANG CORPORATION
2022344580	ENERGO	2022352676	SANEGENE BIO USA INC.
2022344774	D&D PHARMATECH INC.	2022352835	ABBOTT DIABETES CARE INC.
2022344803	MOHIDEEN, F.A.	2022352945	UOP LLC
2022344934	ITRON, INC.	2022353386	INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY
2022344976	MARTIN ENGINEERING COMPANY	2022354060	KINRG, INC.
2022344984	CORCEPT THERAPEUTICS INCORPORATED	2022354202	INTERNATIONAL N&H DENMARK APS
2022345088	W. L. GORE & ASSOCIATES, INC.	2022354289	UNICHEM LABORATORIES LIMITED
2022345102	ABIOMED, INC.	2022354722	KURITA WATER INDUSTRIES LTD.
2022345254	UOP LLC	2022355388	BETTA PHARMACEUTICALS CO., LTD
2022345261	WAYNE FUELING SYSTEMS LLC	2022356219	GO TOUCH VR
2022345488	INNOSPEC LIMITED	2022356231	SUNCOAL INDUSTRIES GMBH
2022345490	AIR PURITY LTD	2022356375	REGENERON PHARMACEUTICALS, INC.
2022345529	JOHNSON & JOHNSON CONSUMER INC.; CENTRA INRIA DE L'UNIVERSITE COTE D'AZUR	2022356436	EPROPELLED INC.
2022345727	CROWN EQUIPMENT CORPORATION	2022356491	UNICHEM LABORATORIES LIMITED
2022345765	EDWARDS LIFESCIENCES CORPORATION	2022357175	IMI HYDRONIC ENGINEERING INTERNATIONAL SA
2022345800	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED	2022357456	CERES INTELLECTUAL PROPERTY COMPANY LIMITED
2022345862	BRISTOL-MYERS SQUIBB COMPANY; JANSSEN PHARMACEUTICA NV	2022357499	VIOLA BIO, INC.
2022345865	YALE UNIVERSITY	2022357513	SIEMENS SCHWEIZ AG
2022345953	IMPERATIVE CARE, INC.	2022357542	GEN-PROBE INCORPORATED
2022346040	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2022357598	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGN. OF SOC. ACT (ACT XXI OF 1860)
2022346153	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.	2022358337	PRESIDENT AND FELLOWS OF HARVARD COLLEGE
2022346752	EMD ACQUISITION LLC	2022358350	ABBOTT DIABETES CARE INC.
2022346759	COLGATE-PALMOLIVE COMPANY	2022358401	GONGWIN BIOPHARM CO., LTD
2022346967	NUVASIVE, INC.	2022358523	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
2022347027	THE HERSHEY COMPANY	2022358534	FOUNDRY THERAPEUTICS, INC.
2022347031	IMMUNOMETABOLISM DEVELOPMENT COMPANY, LLC	2022358535	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
2022347095	BAE SYSTEMS PLC	2022358641	DALIAN UNIVERSITY OF TECHNOLOGY
2022347171	GELMEDIX, INC.; COTLER, M.; VERA-GONZALEZ, N.; DRISCOLL, A.	2022359109	JFE STEEL CORPORATION
2022347183	AB INITIO TECHNOLOGY LLC	2022360153	COSMO ARTIFICIAL INTELLIGENCE - AI LIMITED
2022347263	PRECISION PLANTING LLC	2022360405	BIOCOMPATIBILITY INNOVATION S.R.L.
2022347318	UOP LLC	2022360880	CLEARMIND MEDICINE INC.
2022347326	M2M GUMMIES, LLC	2022361189	NIHON NOHYAKU CO., LTD.
2022347432	ADIMAB, LLC	2022361209	EYEPOINT PHARMACEUTICALS, INC.
		2022361395	AMGEN INC.
		2022361402	MOLTEN INDUSTRIES INC.

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<p>2022361708 2022362834 2022363092 2022363525 2022363912 2022364240 2022364266 2022364271 2022365232 2022365311 2022365463 2022366707 2022367378 2022367650 2022368661 2022368668 2022368950 2022369114 2022369299 2022369342 2022369776 2022371427 2022372433 2022374097 2022374130 2022374869 2022377261 2022378073 2022380143 2022380930 2022381482 2022381485 2022382015 2022382226 2022383233 2022384769 2022386596 2022388082 2022390669 2022391902 2022394479 2022397722 2022397778 2022407845 2022411335 2022411974 2022414139 2022416011 2022419026 2022420837 2022421701 2022421894 2022422763 2022427414 2022429094 2022431171 2022436043 2022449871 2022465215 2023203072 2023209311 2023213470</p>	<p>CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (CSIC); UNIVERSIDAD DE CASTILLA LA MANCHA; FUNDACIÓN DOMINGO MARTINEZ PRECISION PLANTING LLC SUNTORY HOLDINGS LIMITED ABBOTT DIABETES CARE INC. FERTIN PHARMA A/S PRECISION PLANTING LLC TROJAN TECHNOLOGIES GROUP ULC MUNTERS ITALY S.P.A. CASALE SA XYLEM EUROPE GMBH PRECISION PLANTING LLC AMGEN INC. AMGEN INC. FERTIN PHARMA A/S MIDWEST INNOVATIVE PRODUCTS, LLC CLEARBRIEF, INC. SIEMENS AKTIENGESELLSCHAFT ALCON INC. EAT SCIFI INC. BIONTECH SE; TRON-TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITÄTSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITÄT MAINZ GEMEINNÜTZIGE GMBH TONGWEI SOLAR (MEISHAN) CO., LTD. AMGEN INC. ELECTROLUX APPLIANCES AKTIEBOLAG CLEARMIND MEDICINE INC. NETEERA TECHNOLOGIES LTD ALCON INC. CONMED CORPORATION SUNGROW POWER SUPPLY CO., LTD. THULE SWEDEN AB COMMUNICATIONS TEST DESIGN, INC. SALTS HEALTHCARE LIMITED FARADION LIMITED SALTS HEALTHCARE LIMITED NIPPON STEEL CORPORATION GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI EXPONENTIAL RENEWABLES, S.L. CONOCOPHILLIPS COMPANY SINO IRON HOLDINGS PTY LTD JOHNSON MATTHEY PUBLIC LIMITED COMPANY PERMA-TEC GMBH & CO. KG BENDIX COMMERCIAL VEHICLE SYSTEMS LLC CHINA COAL TECHNOLOGY AND ENGINEERING GROUP TAIYUAN INSTITUTE; SHANXI TIANDI COAL MINING MACHINERY CO., LTD. NEUROPUBLIC ANONIMI ETAIREIA PLIROFORIKIS KAI EPIKOINONION LUIGI LAVAZZA S.P.A. HITACHI CONSTRUCTION MACHINERY CO., LTD. HALLIBURTON ENERGY SERVICES, INC. PRECISION PLANTING LLC HALLIBURTON ENERGY SERVICES, INC. LG ENERGY SOLUTION, LTD. HALLIBURTON ENERGY SERVICES, INC. PALMER, D.B. LG ENERGY SOLUTION, LTD. ITIPACK SRL LG ENERGY SOLUTION, LTD. LG ENERGY SOLUTION, LTD. AIRMID CRITICAL CARE PRODUCTS, INC. Jiangsu Advanced Construction Machinery Innovation Center Ltd. GOOGLE LLC UCHICAGO ARGONNE, LLC CCTEG SHENYANG RESEARCH INSTITUTE LG ENERGY SOLUTION, LTD. AUDIODO AB (PUBL)</p>	<p>2023215893 2023238513 2023240741 2023245417 2023250993 2023270259 2023270818 2023290538 2023296340</p>	<p>COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGN. OF SOC. ACT (ACT XXI OF 1860) GUANGZHOU INSTITUTE OF ENERGY CONVERSION, CHINESE ACADEMY OF SCIENCES LG ENERGY SOLUTION, LTD. HITACHI CONSTRUCTION MACHINERY CO., LTD. GUANGZHOU INSTITUTE OF ENERGY CONVERSION, CHINESE ACADEMY OF SCIENCES China Coal Technology & Engineering Group Shenyang Engineering Company; FUSHUN CHINA COAL SCIENCE AND ENGINEERING TESTING CENTER CO., LTD; SHANDONG UNIVERSITY PELEMAN INDUSTRIES NV FRONIUS INTERNATIONAL GMBH VECTOR CORROSION TECHNOLOGIES LTD.</p>
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<u>A01C 7 /-</u>	<u>A01K 47 /-</u>	<u>A01N 55 /-</u>	<u>A23G 1 /-</u>	<u>A23L 35 /-</u>	<u>A47B 3 /-</u>
2022362834	2022338346	2022341507	2022347027	2022338878	2022332270
2022364240	<u>A01K 55 /-</u>	<u>A01N 57 /-</u>	<u>A23G 3 /-</u>	<u>A23L 5 /-</u>	<u>A47B 96 /-</u>
2022365463	2022338346	2022340483	2022338874	2022354202	2022332270
<u>A01D 45 /-</u>	<u>A01K 59 /-</u>	<u>A01N 59 /-</u>	2022347326	<u>A23P 10 /-</u>	2022338503
2022333545	2022338346	2022335165	<u>A23J 3 /-</u>	2022333407	<u>A47B 97 /-</u>
2022337281	<u>A01K 63 /-</u>	<u>A01N 63 /-</u>	2022329956	<u>A24B 15 /-</u>	2022338503
<u>A01G 22 /-</u>	2022335172	2022319011	2022369299	2022334962	<u>A47C 1 /-</u>
2022337281	2022335413	<u>A01P 1 /-</u>	<u>A23K 10 /-</u>	<u>A24D 1 /-</u>	2022343622
<u>A01G 24 /-</u>	<u>A01M 1 /-</u>	2022324565	2022334327	2022334962	<u>A47C 15 /-</u>
2022328735	2022331937	<u>A01P 13 /-</u>	<u>A23K 20 /-</u>	<u>A41B 9 /-</u>	2022341237
<u>A01G 25 /-</u>	2022331938	2022339008	2022336152	2022350832	<u>A47C 3 /-</u>
2022341909	2022335165	2022340483	<u>A23K 50 /-</u>	2022350995	2022343622
2022397778	<u>A01M 13 /-</u>	<u>A01P 7 /-</u>	2022334327	2022351649	<u>A47C 31 /-</u>
<u>A01G 31 /-</u>	2022335165	2022361189	2022336152	<u>A41D 13 /-</u>	2022343622
2022335528	<u>A01M 29 /-</u>	<u>A21B 5 /-</u>	<u>A23L 11 /-</u>	2021459476	<u>A47C 4 /-</u>
<u>A01G 7 /-</u>	2022346153	2022333973	2022329956	<u>A43B 13 /-</u>	2022334614
2022328263	<u>A01M 7 /-</u>	<u>A21D 13 /-</u>	<u>A23L 13 /-</u>	2022320001	<u>A47C 7 /-</u>
<u>A01G 9 /-</u>	2022414139	2022329956	2022369299	<u>A43B 3 /-</u>	2022334614
2022321068	<u>A01N 1 /-</u>	<u>A21D 2 /-</u>	<u>A23L 19 /-</u>	2022320001	2022343622
2022332713	2022345865	2022329956	2022363092	<u>A43B 7 /-</u>	<u>A47F 1 /-</u>
2022335413	<u>A01N 25 /-</u>	<u>A23B 7 /-</u>	<u>A23L 2 /-</u>	2022338359	2022407845
2022335528	2022324565	2022331938	2022333407	<u>A43D 1 /-</u>	<u>A47H 13 /-</u>
<u>A01H 1 /-</u>	2022335165	<u>A23B 9 /-</u>	<u>A23L 23 /-</u>	2022338359	2022349672
2022333526	2022340483	2022331938	2022332758	<u>A45B 9 /-</u>	<u>A47J 19 /-</u>
<u>A01H 4 /-</u>	<u>A01N 27 /-</u>	<u>A23C 13 /-</u>	<u>A23L 27 /-</u>	2022338243	2022336130
2022332713	2022332718	2022340887	2022333922	<u>A45C 11 /-</u>	<u>A47J 31 /-</u>
<u>A01H 5 /-</u>	<u>A01N 31 /-</u>	<u>A23C 15 /-</u>	2022340887	2022368661	2022407845
2022337281	2022332718	2022340887	2022369299	<u>A45D 34 /-</u>	<u>A47J 37 /-</u>
<u>A01H 6 /-</u>	<u>A01N 37 /-</u>	<u>A23C 19 /-</u>	<u>A23L 29 /-</u>	2022323968	2022320060
2022333526	2022335165	2022340887	2022336152	202233968	2022333973
2022337281	2022339008	<u>A23C 19 /-</u>	2022338878	<u>A45F 3 /-</u>	2022343474
<u>A01K 1 /-</u>	2022340483	2022340887	2022347326	2022325494	<u>A47J 42 /-</u>
2022335413	<u>A01N 43 /-</u>	<u>A23C 20 /-</u>	2022354202	<u>A45F 5 /-</u>	2022407845
<u>A01K 11 /-</u>	2022324565	2022340887	<u>A23L 3 /-</u>	2022368661	<u>A47J 43 /-</u>
2022346153	2022339008	2022340887	2022331938	<u>A47B 13 /-</u>	2022332758
<u>A01K 15 /-</u>	2022340483	<u>A23C 9 /-</u>	<u>A23L 33 /-</u>	2022332270	2022333922
2022346153	2022340861	2022340887	2022332653	2022334483	<u>A47J 47 /-</u>
<u>A01K 27 /-</u>	2022341507	2022354202	2022334327		
2022346153	2022361189	<u>A23F 5 /-</u>	2022334961		
	<u>A01N 47 /-</u>	2022407845	2022341608		
	2022324565		2022354202		
	2022340483				

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<u>A47K 10 /-</u>	<u>A61F 11 /-</u>	2022336157	2022328288	2022338916	2022335767
2022349672	2023213470	2022336868	2022329730	2022340663	2022431171
		2022337087	2022331350	2022341300	
<u>A47K 5 /-</u>	<u>A61F 13 /-</u>	2022338348	2022332107	2022344161	<u>A61M 25 /-</u>
2021460019	2022330612	2022339846	2022332728	2022346759	2022328307
	2022350832	2022339925	2022333837		2022334419
<u>A61B 1 /-</u>	2022350995	2022340539	2022336889	<u>A61K 9 /-</u>	2022338232
2022360153	2022340743	2022340791	2022338282	2022316228	2022338382
	2022340817	2022340817	2022340582	2022319690	2022345953
<u>A61B 10 /-</u>	<u>A61F 2 /-</u>	2022342069	2022347031	2022320670	
2022338232	2022320991	2022343115	2022348798	2022320730	<u>A61M 31 /-</u>
	2022333197	2022343927	2022349693	2022329447	2022322998
<u>A61B 17 /-</u>	2022334419	2022344984	2022355388	2022329730	
2022318222	2022338073	2022345862	2022369342	2022333645	<u>A61M 35 /-</u>
2022324701	2022338073	2022348561		2022334113	2022335174
2022332667	2022338073	2022349463	<u>A61K 45 /-</u>	2022334454	
2022332869	2022338348	2022358401	2022316228	2022335015	<u>A61M 37 /-</u>
2022345800	2022340469	2022358534	2022322679	2022335918	2022335174
2022360153	2022345765	2022358535	2022337087	2022337087	2022361209
	2022374869	2022360880	2022340539	2022338348	
<u>A61B 18 /-</u>	<u>A61F 5 /-</u>	2022374097	2022341608	2022339921	<u>A61M 5 /-</u>
2022346967	2022338359	<u>A61K 33 /-</u>	2022344984	2022340663	2022343269
	2022339492	2022353386		2022342919	2022361395
<u>A61B 3 /-</u>	2022381482		<u>A61K 47 /-</u>	2022343927	2022366707
2022324945	2022382015	<u>A61K 35 /-</u>	2022316993	2022344774	<u>A61M 60 /-</u>
2022369114		2021469314	2022317608	2022353386	2022342780
<u>A61B 34 /-</u>	<u>A61F 6 /-</u>	2022334327	2022319690	2022358534	2022345102
2022317291	2022332667	2022338348	2022320670	2022358535	<u>A61M 1 /-</u>
2022346967		2022339011	2022324406	2022361209	2022313501
2022360153	<u>A61F 9 /-</u>	2022339157	2022324965	2022363912	2022324555
	2022361209	2022341608	2022325518	2022367650	2022325136
<u>A61B 5 /-</u>	<u>A61G 10 /-</u>	2022342919	2022326107	<u>A61L 2 /-</u>	2022343658
2022324555	2022345490	2022346040	2022327742	2022341962	2022350680
2022328859		2022358337	2022329227	2022360405	<u>A61N 5 /-</u>
202234909	<u>A61H 3 /-</u>	2022358337	2022329447	2022364266	2022336837
2022335767	2022338243	<u>A61K 36 /-</u>	2022329730		<u>A61P 1 /-</u>
2022338232		2022322017	2022331568	<u>A61L 27 /-</u>	2022317251
2022339948	<u>A61K 31 /-</u>	2022338299	2022331799	2022328865	2022319373
2022340961	2022316726		2022333645	2022332707	2022325158
2022341988	2022316931	<u>A61K 38 /-</u>	2022333837	2022335918	2022334961
2022348451	2022316993	2022317124	2022335918	2022338348	2022339846
2022352835	2022316995	2022319373	2022337087	2022339157	2022343115
2022363525	2022317139	2022322679	2022340407	2022347171	
2022374130	2022317251	2022325158	2022342919	2022358534	<u>A61P 11 /-</u>
	2022317321	2022325164	2022344774	2022360405	2022319373
<u>A61B 90 /-</u>	2022317537	2022325354	2022353386		2022325158
2022317291	2022317537	2022325518	2022354289	<u>A61L 29 /-</u>	2022334961
2022318222	2022317677	2022326107	2022356491	2022360405	2022339846
2022338232	2022318343	2022328329	2022358535		2022343115
2022346967	2022318343	2022329447	<u>A61K 48 /-</u>	<u>A61L 31 /-</u>	<u>A61P 13 /-</u>
2022360153	2022319690	2022331799	2022319373	2022360405	2022317249
	2022319843	2022334113	2022324965		2022334113
<u>A61C 15 /-</u>	2022320615	2022334454	2022325164	<u>A61L 9 /-</u>	2022341507
2022322998	2022321783	2022339044	2022328329	2022321035	2022342069
	2022324965	2022339948	2022332298	<u>A61M 1 /-</u>	2022348561
<u>A61C 17 /-</u>	2022325164	2022343793	2022339954	2022330612	<u>A61P 15 /-</u>
2021463409	2022325518	2022344774	2022358523	2022342780	2022319690
2021463576	2022327756	2022356491	<u>A61K 51 /-</u>		
2021464197	2022328217	2022357499	2022348798	<u>A61M 15 /-</u>	
	2022328865	<u>A61K 39 /-</u>		2022325398	
	2022329730	2022317608	<u>A61K 8 /-</u>	<u>A61M 16 /-</u>	
	2022332357	2022320670	2022316964	2022328859	
	2022332906	2022321783	2022323968		
	2022334454	2022322998	2022333163		
	2022334474	2022327397	2022335918		
	2022334961		2022338299		
	2022335918				

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<u>B28C 5/-</u>	<u>B42D 1/-</u>	<u>B60T 17/-</u>	<u>B65B 13/-</u>	<u>C01B 32/-</u>	<u>C05F 11/-</u>
2022318429	20223270818	2022351350	2022422763	2022337211	2022319011
<u>B29C 45/-</u>	<u>B43K 1/-</u>	<u>B60T 8/-</u>	<u>B65B 27/-</u>	<u>C01B 33/-</u>	<u>C05F 17/-</u>
2022325474	2022335174	2022394479	2022422763	2022335162	2022319011
<u>B29C 49/-</u>	<u>B43K 24/-</u>	<u>B61L 27/-</u>	<u>B65D 33/-</u>	2022339959	<u>C05F 3/-</u>
2022334483	2022335174	2022331927	2022328307	<u>C01F 17/-</u>	2022319011
<u>B29C 64/-</u>	<u>B43K 5/-</u>	<u>B62B 1/-</u>	2022338789	2022357456	<u>C05G 3/-</u>
2022320991	2022335174	2022338346	<u>B65D 5/-</u>	<u>C01G 21/-</u>	2022328735
2022332665	<u>B60B 21/-</u>	<u>B62D 55/-</u>	2022335413	2022335914	<u>C07C 1/-</u>
2022332707	2022347883	2022341628	<u>B65D 65/-</u>	<u>C01G 25/-</u>	2022344580
2022348728	<u>B60D 1/-</u>	<u>B63B 1/-</u>	2021463113	2022335162	<u>C07C 235/-</u>
<u>B29L 11/-</u>	2022345727	2022324975	2021463157	<u>C01G 51/-</u>	2022339008
2022325474	2022348422	<u>B63B 21/-</u>	<u>B65G 11/-</u>	2023215893	<u>C07C 239/-</u>
<u>B29L 31/-</u>	<u>B60H 1/-</u>	2022333658	2021463345	<u>C02F 1/-</u>	2022317139
2022325474	2022321505	2022334677	<u>B65G 17/-</u>	2022321035	<u>C07C 311/-</u>
2022332707	2022324946	2022384769	2022335453	2022365311	2022317321
2022334483	<u>B60H 3/-</u>	<u>B63B 35/-</u>	<u>B65G 43/-</u>	2023296340	<u>C07C 43/-</u>
<u>B29L 7/-</u>	2022324946	2022324975	2022344976	<u>C04B 103/-</u>	2022325849
2022325474	<u>B60K 15/-</u>	2022348728	<u>B65G 47/-</u>	2021463061	<u>C07C 49/-</u>
<u>B29L 9/-</u>	2022314177	<u>B63B 79/-</u>	2022335453	<u>C04B 111/-</u>	<u>C07C 49/-</u>
2022325474	<u>B60L 53/-</u>	2022339826	<u>B66C 21/-</u>	2022416011	2022325849
<u>B32B 27/-</u>	2022328323	<u>B63G 7/-</u>	2022334677	<u>C04B 18/-</u>	<u>C07C 51/-</u>
2021463113	<u>B60N 2/-</u>	2022338269	<u>B66D 1/-</u>	2022318429	2022325906
2021463157	2022324710	<u>B64C 13/-</u>	2022342367	<u>C04B 20/-</u>	<u>C07C 55/-</u>
2022338503	<u>B60P 3/-</u>	2022332692	<u>B66D 3/-</u>	2022318429	2022325906
2022341009	2022380143	<u>B64C 39/-</u>	2022334677	<u>C04B 22/-</u>	2022348561
<u>B32B 3/-</u>	<u>B60Q 3/-</u>	2022332692	<u>B67D 7/-</u>	2021463061	<u>C07D 205/-</u>
2022338503	2022325474	2022342243	2022345261	<u>C04B 24/-</u>	2022317321
<u>B32B 7/-</u>	<u>B60R 13/-</u>	2022344803	<u>B82Y 30/-</u>	2021463061	<u>C07D 209/-</u>
2021463113	2022325474	2022332692	2022335914	<u>C04B 28/-</u>	2022328217
2021463157	<u>B60R 19/-</u>	2022344803	<u>B82Y 40/-</u>	2021463061	2022339008
2022341009	2022330833	<u>B64D 31/-</u>	2022335914	2022318429	<u>C07D 213/-</u>
<u>B33Y 10/-</u>	2022331272	<u>B64D 47/-</u>	2023215893	2022323761	2022342069
2022320991	<u>B60R 21/-</u>	2022342243	<u>C01B 15/-</u>	<u>C04B 35/-</u>	<u>C07D 237/-</u>
2022332707	2022331272	<u>B64F 1/-</u>	2022325906	2022335162	2022316995
2022333407	<u>B60T 13/-</u>	2022328323	<u>C01B 3/-</u>	<u>C04B 40/-</u>	<u>C07D 239/-</u>
<u>B33Y 30/-</u>	2022394479	2022334724	2021458878	2021463061	2022332906
2022333407	<u>B60T 15/-</u>	<u>B64G 1/-</u>	2021459504	2022416011	2022340861
<u>B33Y 80/-</u>	2022394479	2022334724	2021468503	<u>C04B 41/-</u>	<u>C07D 249/-</u>
2022320991			2022325906	2022335162	2022332357
2022332707			2022361402		
<u>B41F 15/-</u>			2022365232		
2022279371			2022390669		

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<u>C07D 257 /-</u>		<u>C07F 9 /-</u>	2022347432	2022341029	<u>C10B 53 /-</u>
2022317321	<u>C07D 417 /-</u>	2022352676	2022348798		
	2022332906		2022349693	<u>C08J 5 /-</u>	2022332718
<u>C07D 261 /-</u>	2022334474	<u>C07H 19 /-</u>	2022355388	2022347318	<u>C10G 1 /-</u>
2022317321	<u>C07D 451 /-</u>	2022333819			2022332718
	2022352676	2022352676	<u>C07K 19 /-</u>	<u>C08K 3 /-</u>	
<u>C07D 263 /-</u>	2022332906		2022325354	2022341029	<u>C10G 2 /-</u>
2022339008	<u>C07D 471 /-</u>	<u>C07H 21 /-</u>	2022326107	2022356231	
		2022334454			2022342369
<u>C07D 275 /-</u>	2022317251	2022339968		<u>C08K 5 /-</u>	<u>C10G 3 /-</u>
2022317321	2022319843	2022352676	2022334113	2022356231	
	2022334474		<u>C08B 15 /-</u>		2022342369
<u>C07D 277 /-</u>	2022339925	<u>C07J 31 /-</u>	2022335918	<u>C08L 21 /-</u>	<u>C10G 65 /-</u>
2022339008	2022340791	2022316726		2022356231	
	<u>C07D 475 /-</u>	<u>C07J 43 /-</u>	<u>C08B 37 /-</u>		2022342369
<u>C07D 305 /-</u>	2022332906	2022316726	2022332653	<u>C08L 7 /-</u>	<u>C10L 1 /-</u>
2022317321	<u>C07D 487 /-</u>			2022356231	
		<u>C07K 1 /-</u>	<u>C08F 2 /-</u>		2022342369
<u>C07D 307 /-</u>	2022316931	2022325535	2022337152	<u>C08L 85 /-</u>	<u>C10L 3 /-</u>
2022317321	2022317251	2022334113		2022325849	
2022336868	2022317537	2022340407	<u>C08F 220 /-</u>		2022321663
2022339008	2022334474		2022337152	<u>C08L 9 /-</u>	<u>C10L 5 /-</u>
2022340664	2022339925	<u>C07K 14 /-</u>	2022341029	2022356231	
	2022340664	2022317124	2022342356		2022332718
<u>C07D 317 /-</u>	2022340791	2022319373	2022349831	<u>C08L 95 /-</u>	<u>C11D 1 /-</u>
2022339008	<u>C07D 491 /-</u>	2022322998		2022338202	
		2022328288	<u>C08F 230 /-</u>	2022340924	2022345488
<u>C07D 333 /-</u>	2022332906	2022328531	2022325849		2022354722
2022339008	2022340407	2022329730		<u>C09D 11 /-</u>	<u>C11D 17 /-</u>
	2022340664	2022332107	<u>C08F 265 /-</u>	2022335174	
<u>C07D 345 /-</u>	<u>C07D 495 /-</u>	2022333538	2022321639		2022345488
2022317677	2022334474	2022334113	2022337152	<u>C09D 133 /-</u>	2022354722
		2022335160		2022337152	<u>C11D 3 /-</u>
<u>C07D 401 /-</u>	<u>C07D 498 /-</u>	2022335593	<u>C08F 30 /-</u>	2022342356	
2022317251	2022332906	2022339011	2022325849		2022354722
2022332906	2022334474	2022339815		<u>C09D 167 /-</u>	<u>C12C 11 /-</u>
2022334474		2022339948	<u>C08F 8 /-</u>	2022341009	
2022340743	<u>C07D 513 /-</u>	2022340582	2022325849		2022323728
2022348561	2022341507	2022343896	2022349831	<u>C09D 4 /-</u>	<u>C12C 12 /-</u>
2022349463		2022346040		2022337152	
	<u>C07D 517 /-</u>	2022352442	<u>C08G 12 /-</u>		2022323728
<u>C07D 403 /-</u>	2022317677	2022356491	2022347318	<u>C09D 5 /-</u>	<u>C12H 3 /-</u>
2022316995		2022371427		2022321639	
2022317251	<u>C07D 519 /-</u>	<u>C07K 16 /-</u>	<u>C08G 18 /-</u>	2022342356	2022323728
2022319843	2022334474	2022317124	2022340924		
2022332906	2022334474	2022317249		<u>C09D 7 /-</u>	<u>C12M 1 /-</u>
2022334474	2022339925	2022317608	<u>C08G 61 /-</u>	2022342356	2022345865
2022339925	2022340791	2022320667	2022325849		<u>C12N 1 /-</u>
2022340897		2022324406	<u>C08G 79 /-</u>	2022328735	2022332728
2022361189	<u>C07F 15 /-</u>	2022325756	2022325849		2022334327
	2022335914	2022326063		<u>C09K 17 /-</u>	2022342919
<u>C07D 405 /-</u>		2022326107	<u>C08G 8 /-</u>	2022321639	2022357598
2022332906	<u>C07F 3 /-</u>	2022327397	2022347318		<u>C12N 15 /-</u>
2022334474	2022335914	2022329227		<u>C09K 8 /-</u>	2021469314
2022336868	<u>C07F 5 /-</u>	2022331350	<u>C08J 3 /-</u>	2022416011	2022316228
2022340664	2022318343	2022332728	2022335918		2022317608
2022349463		2022333837	2022338202		2022319373
		2022333837			2022324116
<u>C07D 413 /-</u>		2022336889			
2022332906		2022337266			
2022349463		2022338282			
		2022339815			
		2022341188			
		2022346040			
		2022347031			

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

2022324965	<u>C12P 21/-</u>	<u>C25B 11/-</u>	<u>E04B 2/-</u>	<u>E21B 25/-</u>	<u>E21D 20/-</u>
2022325483					
2022326107	2022332728	2022337211	2021457303	2022319175	2022335453
2022327397		2022361708			2022397722
2022328329	<u>C12Q 1/-</u>		<u>E04B 5/-</u>	<u>E21B 29/-</u>	
2022328531		<u>C25B 13/-</u>			<u>F03B 13/-</u>
2022329227	2021466987		2022338257	2022330017	
2022329730	2022333526	2021468503			2023238513
2022332107	2022339791	2022347318	<u>E04C 2/-</u>	<u>E21B 31/-</u>	2023250993
2022332298	2022342002				
2022332728	2022348442	<u>C25B 3/-</u>	2022344518	2022335523	<u>F03D 1/-</u>
2022333526	2022356375				
2022333538	2022357542	2022337211	<u>E04C 3/-</u>	<u>E21B 33/-</u>	2022334152
2022335160					2022354060
2022335593	<u>C21D 8/-</u>	<u>C25B 9/-</u>	2022338257	2021467706	
2022336157			2022344518	2022330017	<u>F03D 3/-</u>
2022336889	2022382226	2021468503		2022333649	
2022337146		2022347318	<u>E04F 15/-</u>	2022334540	2022334152
2022339042	<u>C21D 9/-</u>	2022361708		2022416011	
2022339815			2022322099		<u>F03D 80/-</u>
2022339846	2022382226	<u>D04H 1/-</u>		<u>E21B 34/-</u>	
2022339954			<u>E04F 21/-</u>		2022354060
2022339968	<u>C22B 1/-</u>	2022323968		2022330017	<u>F03D 9/-</u>
2022340582			2022336965	2022334300	
2022343115	2022335162	<u>D06F 29/-</u>		2022335523	
2022343793	2022338082		<u>E04H 15/-</u>		2022334152
2022343896		2022322499		<u>E21B 41/-</u>	2022354060
2022352442	<u>C22B 26/-</u>	<u>D06F 31/-</u>	2022380143		
2022353388				2021472752	<u>F04B 11/-</u>
2022355388	2022320902		<u>E04H 9/-</u>	2022334540	
2022358523		2022322499			2022331468
2022369342	<u>C22B 3/-</u>	<u>D06F 58/-</u>	2022344518	<u>E21B 43/-</u>	<u>F04B 19/-</u>
2022371427					
<u>C12N 5/-</u>	2022320902		<u>E05B 41/-</u>	2021472752	
	2022335162	2022333752		2021473283	2022331216
	2022351262	2022333934	2022334790	2022330017	<u>F04B 43/-</u>
2021469314	<u>C22B 34/-</u>	<u>D21H 17/-</u>	<u>E05B 47/-</u>	2022334300	
2022316228				2022334540	2022331216
2022326107	2022335162	2022349831	2022334790	2022351638	
2022328288				2022386596	<u>F04B 49/-</u>
2022332707	<u>C22B 7/-</u>	<u>D21H 21/-</u>	<u>E05B 67/-</u>	2022411974	
2022332728				2022421701	2022331468
2022339157	2022320902	2022349831	2022334790	<u>E21B 47/-</u>	<u>F04D 13/-</u>
2022340582	2022333558				
2022358337	2022351262	<u>E01C 19/-</u>	<u>E05D 3/-</u>	2022319175	2022356436
<u>C12N 7/-</u>	<u>C22C 38/-</u>	2022340924	2022337013	2022334698	<u>F04D 19/-</u>
				2022411974	
2022328531	2022382226	<u>E02F 3/-</u>	<u>E05F 1/-</u>	<u>E21B 49/-</u>	2022364271
2022332107					
2022333538	<u>C23C 14/-</u>	2022320935	2022337013	2022319175	<u>F04D 25/-</u>
2022335160					
2022335593	2022361708	<u>E02F 9/-</u>	<u>E05F 3/-</u>	<u>E21B 7/-</u>	2022364271
2022338199					2023290538
2022369342	<u>C23C 16/-</u>	2022320935	2022337013	2022397722	
2022371427		2022334260		2022421701	<u>F04D 29/-</u>
<u>C12N 9/-</u>	<u>C23C 4/-</u>	2022339428	<u>E06B 9/-</u>		
		2022436043	2022333247	<u>E21C 35/-</u>	2022356436
2022326575	2022343876	2023245417	2022348600		2023290538
2022332653				2022331934	
2022333526	<u>C23F 13/-</u>	<u>E03B 3/-</u>	<u>E21B 21/-</u>	<u>E21C 37/-</u>	<u>F15B 1/-</u>
2022335593					
2022340887	2023296340	2022321035	2022411974	2022421701	2023238513
2022343793		<u>E03B 7/-</u>	<u>E21B 23/-</u>		2023250993
<u>C12P 13/-</u>	<u>C25B 1/-</u>	2022334836		<u>E21C 41/-</u>	<u>F15B 11/-</u>
			2021472752		
2022352442	2021468503	<u>E04B 1/-</u>	2021473283	2022331934	2023238513
	2022322876		2022333649	<u>E21D 11/-</u>	2023250993
<u>C12P 19/-</u>	2022347318	2021457303	2022334300		
	2022361708	2022344518	2022335523	2022397722	<u>F15B 13/-</u>
2022332653					2023238513

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

<u>F15B 15/-</u>	<u>F16L 15/-</u>	<u>F27B 14/-</u>	<u>G01B 9/-</u>	2022367378	<u>G01V 3/-</u>
2023250993	2022359109	2022335162	2022324945	<u>G01N 21/-</u>	2021464322
<u>F15B 20/-</u>	<u>F16L 47/-</u>	<u>F27B 15/-</u>	<u>G01C 21/-</u>	2022324945	2022323592
2023238513	2022333521	2021463063	2022326490	2022339088	2022338141
<u>F15C 1/-</u>	<u>F16L 55/-</u>	<u>F27B 3/-</u>	<u>G01D 21/-</u>	2022343259	<u>G05B 17/-</u>
2022331216	2022333521	2022333558	2023245417	2022344976	2022334836
<u>F16B 21/-</u>	2022333542	<u>F27B 7/-</u>	<u>G01D 5/-</u>	2022365311	<u>G05B 19/-</u>
2022339238	<u>F16N 11/-</u>	2022335162	2022331739	<u>G01N 27/-</u>	2022334836
<u>F16B 7/-</u>	2022391902	<u>F27B 9/-</u>	<u>G01F 1/-</u>	2022325891	<u>G05D 1/-</u>
2022359109	<u>F16N 13/-</u>	2022335162	2022332665	2022363525	2022411335
<u>F16D 65/-</u>	2022391902	<u>F27D 1/-</u>	2022368950	<u>G01N 33/-</u>	<u>G05D 22/-</u>
2022351350	<u>F16N 29/-</u>	2022333558	<u>G01F 25/-</u>	2022317608	2022321035
<u>F16F 1/-</u>	2022391902	<u>F27D 3/-</u>	2022368950	2022329227	<u>G05D 23/-</u>
2022347095	<u>F17C 13/-</u>	2021463063	<u>G01H 3/-</u>	2022331578	2022321035
<u>F16F 7/-</u>	2022359109	<u>F41A 21/-</u>	2023213470	2022333837	<u>G06F 1/-</u>
2022347095	<u>F22B 37/-</u>	2022337220	<u>G01J 1/-</u>	2022338219	2023290538
<u>F16H 55/-</u>	2022344520	<u>F41A 33/-</u>	2022365311	2022339061	<u>G06F 11/-</u>
2022334677	<u>F23C 10/-</u>	2022337220	<u>G01J 3/-</u>	2022339948	2022358641
<u>F16J 12/-</u>	2021463727	<u>F41A 9/-</u>	2022324945	2022341988	<u>G06F 16/-</u>
2022359109	2022343893	2022313975	2022328570	2022342002	2022332295
<u>F16J 13/-</u>	<u>F23D 14/-</u>	2022313975	<u>G01K 13/-</u>	2022345529	2022339849
2022359109	2022365232	<u>F41H 13/-</u>	2023270259	2022365311	2022339934
<u>F16J 15/-</u>	<u>F23N 5/-</u>	2022313975	<u>G01M 13/-</u>	2022397778	2022340826
2022337912	2021463727	2022319689	2022337912	2022416011	2022343717
<u>F16K 11/-</u>	2022343893	<u>F41J 5/-</u>	<u>G01M 15/-</u>	<u>G01N 35/-</u>	2022347183
2022436043	<u>F23Q 3/-</u>	2022331926	2022339826	2022347263	2022368668
<u>F16K 15/-</u>	2022365232	<u>F42B 5/-</u>	<u>G01M 3/-</u>	<u>G01P 15/-</u>	<u>G06F 21/-</u>
2022394479	<u>F24C 15/-</u>	2022313975	2022334836	2022338219	2021468486
<u>F16K 27/-</u>	2022372433	2022319689	<u>G01M 5/-</u>	2022338219	2022348451
2022394479	<u>F24C 7/-</u>	<u>F42C 11/-</u>	2023240741	<u>G01R 19/-</u>	<u>G06F 3/-</u>
<u>F16K 31/-</u>	2022343474	2022343884	<u>G01R 22/-</u>	<u>G01R 19/-</u>	2021468486
2022329082	<u>F24D 3/-</u>	<u>F42D 1/-</u>	2022338269	<u>G01R 19/-</u>	2022326490
2022330298	2022421701	2022333649	<u>G01S 15/-</u>	<u>G01R 19/-</u>	2022330589
2022357175	<u>F24F 11/-</u>	<u>F42D 5/-</u>	<u>G01S 5/-</u>	<u>G01R 19/-</u>	2022334909
<u>F16K 37/-</u>	2022345490	2022331926	2022326490	<u>G01R 19/-</u>	2022337270
2022351465	<u>F24F 110/-</u>	<u>G01B 5/-</u>	2022338269	<u>G01R 19/-</u>	2022337282
2022357175	2022324946	2022338219	<u>G01N 1/-</u>	<u>G01S 15/-</u>	2022339849
2022357513	2022345490	<u>G01B 7/-</u>	2022334724	<u>G01S 15/-</u>	2022340826
<u>F16K 99/-</u>	<u>F24F 8/-</u>	2022338219	2022339826	<u>G01S 15/-</u>	2022342162
2022331216	2022345490	<u>G01B 5/-</u>	2022345490	<u>G01S 15/-</u>	2022342165
		<u>G01B 7/-</u>	2022367378	<u>G01S 7/-</u>	2022356219
		<u>G01N 15/-</u>	<u>G01N 15/-</u>	<u>G01S 7/-</u>	<u>G06F 30/-</u>
			2022345490	2022338269	2022342389
				<u>G01V 1/-</u>	<u>G06F 40/-</u>
				2022331926	2022337282
				2022332224	2022341972
				2022335605	2022343717
				2022344803	

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<u>G06F 7 /-</u>	2022332709	<u>G09B 29 /-</u>	<u>G16H 50 /-</u>	2022383233	<u>H02J 50 /-</u>
2022368668	<u>G06Q 30 /-</u>	2022326490	2022324701	2022419026	2022334614
<u>G06F 9 /-</u>	2022319032	<u>G09B 9 /-</u>	2022339065	2022421894	2022350680
2022330589	2022328560	2022341600	2022339235	2022429094	
2022332295	2022329949		2022340961	2023209311	<u>H02J 7 /-</u>
2022339498	2022331586	<u>G09G 5 /-</u>	2022342002	<u>H01M 4 /-</u>	2022383233
2022339934	2022333968	<u>G16Y 30 /-</u>		2022325849	<u>H02K 16 /-</u>
2022340826	2022351518	2022368668	2022320143	2022338459	2022328992
2022342162	<u>G06Q 50 /-</u>	<u>G10L 17 /-</u>	<u>G21C 1 /-</u>	2022339959	
2022342165	2022326490	2022341972	2022324667	2022345254	<u>H02K 7 /-</u>
2022343714	2022335528	<u>G12B 17 /-</u>	<u>G21C 13 /-</u>	2022346752	2022354060
<u>G06K 15 /-</u>	2022342162	2022320143	2022324667	2022357456	
2021468486	<u>G06Q 90 /-</u>	2022320143	2022329082	2022381485	<u>H01M 50 /-</u>
<u>G06K 19 /-</u>	2022326490	<u>G16B 15 /-</u>	2022330298	<u>H01M 6 /-</u>	<u>H02K 9 /-</u>
2022352207	<u>G06T 7 /-</u>	2022342002	<u>G21C 15 /-</u>	2022419026	2022356436
<u>G06N 10 /-</u>	2022317291	<u>G16B 20 /-</u>	2022324667	2022427414	<u>H02M 1 /-</u>
2022337149	2022341233	2022339065	2022329082	2022429094	2022315248
2022449871	2022345529	<u>G16B 25 /-</u>	2022330298	<u>H01M 8 /-</u>	<u>H02M 3 /-</u>
<u>G06N 20 /-</u>	<u>G06V 10 /-</u>	2022339065	<u>G21C 9 /-</u>	2022338459	2022315248
2022317291	2022332224	<u>G16B 30 /-</u>	2022324667	<u>H01M 8 /-</u>	<u>H02M 7 /-</u>
2022319032	2022345529	2022339065	2022329082	2022352945	2022378073
2022319860	<u>G06V 20 /-</u>	<u>G16B 40 /-</u>	2022330298	2022357456	<u>H02P 27 /-</u>
2022330589	2022340445	2022339065	<u>G21G 1 /-</u>	<u>H01Q 1 /-</u>	2022328992
2022332295	2022345529	<u>G16B 40 /-</u>	2022465215	<u>H02P 5 /-</u>	
2022337149	<u>G06V 40 /-</u>	2022339065	<u>H01B 1 /-</u>	2022342389	<u>H02P 5 /-</u>
2022337282	2022319032	2022340961	2022328263	2022348602	2022328992
2022339969	2022332649	<u>G16B 5 /-</u>	<u>H01G 11 /-</u>	2022350680	<u>H02P 6 /-</u>
2022420837	<u>G08B 13 /-</u>	2022339065	2022338459	<u>H01Q 13 /-</u>	2022328992
<u>G06N 3 /-</u>	2022338141	<u>G16C 20 /-</u>	<u>H01H 1 /-</u>	2022348602	<u>H03F 3 /-</u>
2022317291	<u>G08B 17 /-</u>	2022340663	2022378073	<u>H01Q 21 /-</u>	2022348961
2022319860	2022319774	2022420837	<u>H01J 35 /-</u>	2022342389	<u>H03H 1 /-</u>
2022335605	<u>G08B 21 /-</u>	<u>G16H 10 /-</u>	2022465215	2022348602	2022340723
2022337282	2022345261	2022325208	202235923	<u>H01R 13 /-</u>	<u>H03H 7 /-</u>
2022339969	2022345490	2022341972	2022348451	2022340723	2022340723
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2022337282	<u>G08B 26 /-</u>	2022319779	2022369776	<u>H02B 11 /-</u>	<u>H04B 1 /-</u>
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G01N 21/17 (2006.01)
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C07D 401/14 (2006.01)
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B63B 1/20 (2006.01)
B63B 1/24 (2020.01)
B63B 39/06 (2006.01)
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A61K 31/05 (2006.01)

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H04N 19/124 (2014.01)
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E21B 47/00 (2012.01)
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 preparation method therefor and applic-
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B01J 27/18 (2006.01)
B01D 53/56 (2006.01)
B01D 53/86 (2006.01)
C01G 23/047 (2006.01)
C22B 3/08 (2006.01)
C22B 34/12 (2006.01)
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H01B 7/04 (2006.01)
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A01N 43/88 (2006.01)
A01N 51/00 (2006.01)
A01P 7/02 (2006.01)
C08F 12/08 (2006.01)
C08F 20/06 (2006.01)
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C08L 33/02 (2006.01)
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F25D 3/06 (2006.01)
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C07D 403/12 (2006.01)
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C07D 239/94 (2006.01)
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C08L 5/16 (2006.01)
B01D 15/00 (2006.01)
B01J 20/26 (2006.01)
C02F 1/28 (2023.01)
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H02M 7/48 (2007.01)
H02P 27/06 (2006.01)
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G06F 9/455 (2018.01)
G06N 7/00 (2006.01)
G06Q 99/00 (2006.01)
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A61K 31/4709 (2006.01)
A61K 31/497 (2006.01)
A61K 31/506 (2006.01)
A61K 31/55 (2006.01)
A61P 27/02 (2006.01)
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G06N 20/00 (2019.01)
G06T 7/00 (2017.01)
G06T 11/00 (2006.01)
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B66F 3/35 (2006.01)
B66F 5/04 (2006.01)
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 A61N 1/04 (2006.01)
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 C01B 3/56 (2006.01)
 C07C 5/367 (2006.01)
 C07C 15/06 (2006.01)
 H01M 8/04 (2016.01)
 H01M 8/0606 (2016.01)
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B60P 1/36 (2006.01)
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B01D 25/164 (2006.01)
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C08K 3/16 (2006.01)
C08K 3/26 (2006.01)
C08K 5/05 (2006.01)
C08K 5/053 (2006.01)
C08K 5/101 (2006.01)
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C08L 33/04 (2006.01)
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G02C 5/12 (2006.01)
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C07C 229/14 (2006.01)
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C22B 15/00 (2006.01)
C22B 3/22 (2006.01)
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F25J 3/02 (2006.01)
C01B 32/50 (2017.01)
F25J 3/08 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/4174 (2006.01)
A61K 47/34 (2017.01)
A61P 31/10 (2006.01)
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A45C 11/00 (2006.01)
A45D 44/00 (2006.01)
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A46B 17/02 (2006.01)
A47K 1/09 (2006.01)
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B25J 11/00 (2006.01)
A47L 11/40 (2006.01)
B25J 9/00 (2006.01)

B25J 9/12 (2006.01)
B25J 19/00 (2006.01)
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D06F 71/36 (2006.01)
D06F 58/10 (2006.01)
D06F 71/29 (2006.01)
D06F 71/40 (2006.01)
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A47L 9/24 (2006.01)
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H02K 3/34 (2006.01)
H01K 1/16 (2006.01)
H02K 1/04 (2006.01)
H02K 1/20 (2006.01)
H02K 7/14 (2006.01)
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B01D 35/30 (2006.01)
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G06Q 40/02 (2012.01)
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A47C 23/04 (2006.01)
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G02B 27/01 (2006.01)
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 (54) SYSTEM AND/OR METHOD FOR SEMANTIC PARSING OF AIR TRAFFIC CONTROL AUDIO
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G10L 15/26 (2006.01)
G06F 16/24 (2019.01)
G08G 5/00 (2006.01)
G10L 15/22 (2006.01)
G10L 21/00 (2013.01)
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C40B 60/12 (2006.01)
G01J 1/20 (2006.01)
G01N 21/76 (2006.01)
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G02B 7/36 (2021.01)
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B02C 2/00 (2006.01)
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B02C 2/04 (2006.01)
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 (54) Automated building floor plan generation using visual data of multiple building images
 (51) Int. Cl.
G06T 7/00 (2017.01)
G06F 30/00 (2020.01)
G06V 10/00 (2022.01)
G06V 20/00 (2022.01)
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H01R 13/52 (2006.01)
G01F 15/14 (2006.01)
G01F 1/84 (2006.01)
H01R 13/533 (2006.01)
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F04D 25/08 (2006.01)
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(54) Medical device for accessing the central nervous system
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A61B 17/34 (2006.01)
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(54) MEDICAL DEVICE FOR ACCESSING THE CENTRAL NERVOUS SYSTEM
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A61B 17/02 (2006.01)
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(54) Production of high carbon ferromanganese

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C22B 1/14 (2006.01)
C21C 5/52 (2006.01)
C22B 1/244 (2006.01)
C22B 1/245 (2006.01)
C22B 5/10 (2006.01)
C22B 5/12 (2006.01)
C22C 22/00 (2006.01)
C22C 35/00 (2006.01)
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(54) Oil-in-water type emulsion composition, and method for producing said oil-in-water type emulsion composition
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A23D 7/005 (2006.01)
B01J 13/00 (2006.01)
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(54) Oil-in-water type emulsion composition, and method for producing said oil-in-water type emulsion composition
(51) Int. Cl.
A23D 7/005 (2006.01)
B01J 13/00 (2006.01)
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B60T 8/172 (2006.01)
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B60W 30/02 (2012.01)
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B65D 65/46 (2006.01)
C08J 5/18 (2006.01)
C08J 7/048 (2020.01)
C11D 17/04 (2006.01)
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H01Q 5/25 (2015.01)
H01Q 5/50 (2015.01)
H01Q 9/30 (2006.01)
H01Q 21/24 (2006.01)
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G01G 3/12 (2006.01)
G01G 21/24 (2006.01)
G01L 5/00 (2006.01)
G01N 3/08 (2006.01)
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H02S 20/30 (2014.01)
F24S 20/70 (2018.01)
F24S 30/40 (2018.01)
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A24F 40/42 (2020.01)
A61K 31/352 (2006.01)
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H01Q 1/28 (2006.01)
B64G 1/58 (2006.01)
F42B 15/34 (2006.01)
H01Q 1/02 (2006.01)
H01Q 11/10 (2006.01)
H01Q 21/20 (2006.01)
H01R 24/40 (2011.01)
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G01C 3/00 (2006.01)
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C07D 413/06 (2006.01)
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 B65G 1/04 (2006.01)
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 C07C 233/07 (2006.01)
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 A01N 47/44 (2006.01)
 A23L 33/10 (2016.01)
 A61K 31/155 (2006.01)
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 A61P 31/04 (2006.01)
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 (54) Method
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 A61B 6/03 (2006.01)
 G06T 7/00 (2017.01)
 G06T 7/62 (2017.01)

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 F04D 25/08 (2006.01)
 B01D 46/10 (2006.01)
 F04D 29/00 (2006.01)
 F04D 29/40 (2006.01)
 F04F 5/16 (2006.01)
 F04F 5/46 (2006.01)
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 F24F 8/10 (2021.01)
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 C07D 471/10 (2006.01)
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 A61L 2/18 (2006.01)
 A61L 12/08 (2006.01)
 B05B 7/04 (2006.01)
 B05B 7/24 (2006.01)
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 B28B 7/00 (2006.01)

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E04G 17/00 (2006.01)
G06K 19/07 (2006.01)
G06K 19/077 (2006.01)
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H01Q 13/10 (2006.01)
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G01N 1/28 (2006.01)
B01L 3/00 (2006.01)
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B01L 3/00 (2006.01)
B01L 7/00 (2006.01)
C12M 1/34 (2006.01)
C12Q 1/68 (2018.01)
G01N 27/447 (2006.01)
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C02F 1/28 (2006.01)
C05B 19/02 (2006.01)
C05D 9/02 (2006.01)
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G06T 19/00 (2011.01)
G11B 27/036 (2006.01)
H04N 13/00 (2018.01)
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C08J 3/20 (2006.01)
C08K 3/014 (2018.01)
C08K 3/08 (2006.01)
C08K 3/22 (2006.01)
C08K 3/36 (2006.01)
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H01M 10/653 (2014.01)
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C08G 59/66 (2006.01)
B32B 27/08 (2006.01)
B32B 27/28 (2006.01)
B32B 27/38 (2006.01)
B32B 27/40 (2006.01)
C08G 65/333 (2006.01)
C08G 75/02 (2016.01)
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B65G 13/11 (2006.01)
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A61B 18/24 (2006.01)
A61M 25/00 (2006.01)
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F25D 29/00 (2006.01)
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A61N 5/10 (2006.01)
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C22B 1/14 (2006.01)
B01J 2/00 (2006.01)
B01J 6/00 (2006.01)
C10B 53/02 (2006.01)
C10L 5/06 (2006.01)
C10L 5/14 (2006.01)
C10L 5/40 (2006.01)
C22B 1/16 (2006.01)
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B01D 53/02 (2006.01)
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B01J 35/00 (2006.01)
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B25J 9/00 (2006.01)
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B25J 9/16 (2006.01)
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C07D 489/08 (2006.01)
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C22B 3/12 (2006.01)
B02C 17/00 (2006.01)
C22B 3/02 (2006.01)
C22B 11/00 (2006.01)
C22B 11/08 (2006.01)
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A61K 31/57 (2006.01)
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C07J 43/00 (2006.01)
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C22C 38/00 (2006.01)
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E21C 25/06 (2006.01)
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A61P 31/14 (2006.01)
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C12Q 1/6834 (2018.01)
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A01H 6/14 (2018.01)
A23L 27/00 (2016.01)
A23L 33/105 (2016.01)
A61K 8/60 (2006.01)
A61K 31/704 (2006.01)
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A01P 21/00 (2006.01)
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A01N 43/78 (2006.01)
C07D 411/12 (2006.01)
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G06Q 20/20 (2012.01)
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A61K 31/215 (2006.01)
A61K 31/70 (2006.01)
A61P 3/00 (2006.01)
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H04N 19/177 (2014.01)
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2017291960	BioMarin Technologies B.V.	2018335876	University of Washington
2017324550	Flagship Pioneering, Inc.	2018343110	TdeltaS Limited
2017332732	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology	2018346803	Source Global, PBC
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2017353378	Boehringer Ingelheim Vetmedica GmbH	2018352167	Yale University
2017385595	Luxembourg Institute of Science and Technology (LIST)	2018354998	Epiroc Rock Drills Aktiebolag
2017388705	Suntory Holdings Limited	2018355002	Delaval Holding AB
2017440221	Halliburton Energy Services, Inc.	2018360593	Kimberly-Clark Worldwide, Inc.
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2018202427	Northern Tool & Equipment Company, Inc.	2018376923	Shoulder Friends Institute
2018204123	Howmedica Osteonics Corp.	2018382556	AOP Orphan IP AG
2018208102	Groupe Anderson Inc.	2018383990	Syngenta Participations AG
2018211246	SIGOS LLC	2018386861	Coloplast A/S
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2018222739	Eidos Therapeutics, Inc.	2018390268	Yoshino Gypsum Co., Ltd.
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2018222981	Enerpac Tool Group Corp.	2018392217	Saipem S.p.A.
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2018234640	Juno Therapeutics, Inc.	2018399079	Georgitziki, E.; Georgitzikis, V.; Georgitziki, A.
2018246050	The Boeing Company	2018401117	Drone Net Co., Ltd.
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2018251770	DermTech, Inc.	2018409883	LHM Innovations Pty Ltd
2018252930	PGG Wrightson Seeds Limited	2018417961	Solenis Technologies, L.P.
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2018258064	AxoGen Corporation	2019200734	Flexopack S.A.
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2018269378	Prometheus Therapeutics Inc.	2019203470	Aurora Flight Sciences Corporation
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2018300011	STERIS Corporation	2019225385	Indorama Ventures Oxides Australia Pty Limited
2018308718	Innovative Pet Products Pty Ltd	2019227080	Axis Energy Group Pty Ltd
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2019282559	STATS LLC	2020429918	Micro Motion, Inc.
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2019318120	GlaxoSmithKline Biologicals SA	2021202190	SomaLogic, Inc.
2019339006	Suzhou Zanrong Pharma Limited	2021202612	université Paris Cité; Université Paris-Saclay; Acticor Biotech; Université Paris XIII; INSERM (Institut National de la Santé et de la Recherche Médicale)
2019360273	Lashify, Inc.	2021202895	Janssen Biotech, Inc.; Tufts Medical Center, Inc.
2019362382	Coilhose AS	2021203981	The Trustees of the University of Pennsylvania
2019375096	Neopep Pharma GmbH & Co. KG	2021204038	Inbiose N.V.
2019377350	PIPE-AQUA-TEC GMBH & CO. KG	2021204630	The Trustees of the University of Pennsylvania
2019384617	B.B.A. Participaties B.V.	2021204818	The United States of America, as represented by The Secretary, Department of Health and Human Services
2019389778	Syngenta Participations AG	2021206754	Huawei Technologies Co., Ltd.
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2020361648	Nicoventures Trading Limited; RAI Strategic Holdings Inc	2021257981	Airformer Pty Ltd
2020362203	The NOCO Company	2021259040	RADEXEL INC.
2020363035	Oro Agri Inc.	2021262372	Qingdao Haier Special Refrigerator Co.,Ltd; Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2020371415	LG Electronics Inc.	2021263690	Vivo Mobile Communication Co., Ltd.
2020371791	MonoSol, LLC	2021266385	Trumer Schutzbauten Ges.m.b.H.
2020374208	Holosmedic	2021267605	STAEDTLER SE
2020376697	DigmBio. Inc.		
2020377609	China Energy Investment Corporation Limited; National Institute of Clean-and-Low-Carbon Energy		
2020384322	FLSmidth A/S		
2020390428	Flocon Industries Pty Ltd		
2020391926	Kamstrup A/S		
2020393453	LG Electronics Inc.		

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2021269714	Juice Technology AG	2022203416	Canon Kabushiki Kaisha
2021270309	American Sterilizer Company	2022203444	Sage Therapeutics, Inc.
2021272046	LG Electronics Inc.	2022204032	Immatics Biotechnologies GmbH
2021272362	Bambino Prezioso Switzerland AG	2022204055	Electrolux Appliances Aktiebolag
2021286391	Minetek Investments Pty Ltd	2022204235	National Institute of Environmental Research
2021286420	SynDevRx, Inc.	2022204301	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2021290024	International Business Machines Corporation	2022204314	Dolby International AB
2021290299	Ocado Innovation Limited	2022204322	S.A. LHOIST RECHERCHE ET DÉVELOPPEMENT
2021290390	LG Electronics INC.	2022204417	Northrop Grumman Systems Corporation
2021290397	Aero-Tech Pty Ltd	2022204462	Boston Scientific Neuromodulation Corporation
2021292406	XWpharma Ltd.	2022204502	Institute of Geophysics, China Earthquake Administration
2021297139	Apple Inc.	2022204563	Jining Medical University
2021299125	Sumitomo Precision Products Co., Ltd.	2022204633	Audatex North America, Inc.
2021307486	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.	2022204687	Honeywell International Inc.
2021308344	Chong Kun Dang Pharmaceutical Corp.	2022204849	LG ELECTRONICS INC.
2021321125	Gonggam Sensors Co., Ltd.	2022204869	Viavi Solutions Inc.
2021326327	LG Electronics Inc.	2022204908	Polygroup Macau Limited (BVI)
2021332370	LivePerson, Inc.	2022206759	Pfizer Inc.
2021339852	SIEMENS SCHWEIZ AG	2022208002	NETFLIX, INC.
2021341042	Shanghai Shende Green Medical Era Healthcare Technology Co., Ltd.; SHENDE (NINGBO) MEDICAL DEVICE TECHNOLOGY CO., LTD; NANTONG SHENDE MEDICAL DEVICE TECHNOLOGY CO., LTD	2022209255	Pfizer Inc.
2021348459	Beijing Zitiao Network Technology Co., Ltd.	2022209308	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2021350982	CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD	2022211793	WTA - Watanabe Tecnologia Aplicada Eirele - EPP
2021351627	GOOGLE LLC	2022215037	L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
2021352737	DAIKIN INDUSTRIES, LTD.	2022215186	Société des Produits Nestlé S.A.
2021357619	Komatsu Ltd.	2022220755	GAY, N.
2021360822	MERLIN LABS, INC.	2022224726	Apple Inc.
2021362359	Panasonic Intellectual Property Management Co., Ltd.	2022226943	INFOCYTE, INC.
2021365129	GILEAD SCIENCES, INC.	2022228192	Rite-Hite Holding Corporation
2021368444	SHIONOGI & CO., LTD.; UBE CORPORATION	2022231680	Disney Enterprises, Inc.; ETH Zürich (Eidgenössische Technische Hochschule Zürich)
2021373705	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH	2022231918	SHENZHEN JIKANG PHARMACEUTICAL TECHNOLOGY CO., LTD.
2021375591	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2022246388	Sunovion Pharmaceuticals Inc.; PGI Drug Discovery LLC
2021378077	Serodus AS	2022250148	Sumitomo Metal Mining Co., Ltd.
2021387203	IHI Corporation	2022251335	YANSHAN UNIVERSITY
2021393851	Suntec Co., Ltd	2022252852	Linhai Qiuyuan Arts & Crafts Co., Ltd.
2021397252	CAAMTECH, INC.	2022253085	HUAWEI TECHNOLOGIES CO.,LTD.
2021399646	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2022256195	The USA, As Represented By The Secretary, Dept. Of Health And Human Services; Codagenix, Inc.
2021407690	Shenzhen Sungeng Biological Co., Ltd	2022260842	BIOND BIOLOGICS LTD.
2021408119	BOOMRAY PHARMACEUTICALS CO., LTD.	2022263528	Terra CO2 Technology Holdings, Inc.
2021411007	Huida Sanitary Ware Co., Ltd.	2022271387	Komatsu Ltd.
2022200119	Think Surgical, Inc.	2022271485	Nevados Engineering, Inc.
2022200189	Meso Scale Technologies, LLC	2022273489	SEAFARMING SYSTEMS AS
2022200256	ASP Global Manufacturing GmbH	2022275466	Crane & Co., Inc.
2022200477	Alcon Inc.	2022275512	IHI Corporation
2022200573	Gen-Probe Incorporated	2022277989	ANPARIO PLC
2022200701	Advanced Elemental Technologies, Inc.	2022279395	Mitsubishi Chemical Corporation
2022200718	10X Genomics, Inc.	2022279397	Mitsubishi Chemical Corporation
2022200848	ELEMENT SCIENCE, INC.	2022279482	Getac Technology Corporation
2022200974	Silk Road Medical, Inc.	2022279526	Lithium Ark Holding B.V.
2022200977	Steed Mifsud Pty Ltd	2022283723	Magic Leap, Inc.
2022201269	Amryt Endo, Inc.	2022283742	AP&C Advanced Powders & Coatings Inc.
2022201522	Rhodes Technologies	2022287535	Oxford University Innovation Limited
2022201572	ImmunoGen, Inc.	2022287646	Schlage Lock Company LLC
2022201722	Nicoventures Trading Limited	2022287669	ABB Schweiz AG
2022201779	WELLDLOC, INC.	2022291460	Einhell Germany AG
2022201864	LG ELECTRONICS INC.	2022291646	OXTI Pte Ltd
2022201882	VMAS Solutions, Inc.	2022291657	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022202167	Tisento Therapeutics Inc.	2022307422	METSO FINLAND OY
2022202391	Fujikura Ltd.	2022345532	YEMBO, INC.
2022202551	Intertrust Technologies Corporation	2022354318	PICQUIC TOOL COMPANY INC.
2022202560	Minnetronix Neuro, Inc.	2022372428	HERMES PHARMA GMBH
2022202698	Deakin University	2023201230	Tencent America LLC
2022202756	Polaris Industries Inc.	2023201809	Tencent America LLC
2022202811	MFTB Holdco, Inc.	2023201922	Hanwha Corporation
2022203105	Terra15 Pty Ltd		
2022203378	Orison, Inc.		

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Technology Co., Ltd.
2023202413 Tencent America LLC
2023202449 Heraeus Medical GmbH
2023202527 Tencent America LLC
2023202658 Huawei Technologies Co., Ltd.
2023202729 Shandong University of Science and Technology
2023203192 BARGENT THERAPEUTICS PTY LIMITED
2023222919 KOREA ZINC CO., LTD.
2023229561 BEIJING SANYUAN FOODS CO., LTD.
2023255020 Dolby International AB
2023270271 Betta Marine Products Pty Ltd
2023278104 Dissing A/S
2024200924 Cyclopure, Inc.

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2018208102	2019307996	2022201722	2018395242	2019212686	2018343110
	<u>A01N 51 /-</u>	<u>A24F 40 /-</u>	<u>A47F 11 /-</u>	<u>A61B 5 /-</u>	2018352039
<u>A01D 90 /-</u>	2019240878	2020361648	2019419905	2018395242	2018370663
2018208102	2022203444			2018409883	2018382556
	<u>A01N 63 /-</u>	<u>A24F 47 /-</u>	<u>A47F 5 /-</u>	2020409909	2018398887
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2017388705				2022200848	2019307996
	<u>A01P 21 /-</u>	<u>A41D 13 /-</u>	<u>A47G 21 /-</u>	2022200974	2019339006
<u>A01H 6 /-</u>	2018383990	2021270309	2020329603		2020224678
2017388705	2019205379			<u>A61B 50 /-</u>	2020225663
	<u>A01P 7 /-</u>	<u>A41G 5 /-</u>	<u>A47J 31 /-</u>	2018251770	2020232029
<u>A01J 5 /-</u>	2019240878	2019360273	2018260289		2020322938
2018355002			2021290390		2020346936
	<u>A23C 9 /-</u>	<u>A42B 3 /-</u>	<u>A47J 36 /-</u>	2022287535	2020361648
<u>A01K 13 /-</u>	2017287989	2019291044	2018298936		2020374208
2020297293	2018267948		2020445909	<u>A61B 6 /-</u>	2020376697
	<u>A23D 7 /-</u>	<u>A45B 17 /-</u>	<u>A47J 37 /-</u>	202220119	2020394597
<u>A01K 15 /-</u>	2022279395	2022252852	2021393851		2020402701
2022211793	2022279397			<u>A61B 90 /-</u>	2020405182
	<u>A23K 10 /-</u>	<u>A45B 23 /-</u>	<u>A47J 43 /-</u>	2018258064	2020424661
<u>A01K 5 /-</u>	2018252930	2022252852	2018298936	2022200119	2021250982
2018308718					2021292406
	<u>A23K 20 /-</u>	<u>A45C 11 /-</u>	<u>A47K 1 /-</u>	<u>A61C 17 /-</u>	2021308344
<u>A01K 61 /-</u>	2019300211	2019360273	2019360273	2020329603	2021350982
2022273489					2021368444
	<u>A23K 50 /-</u>	<u>A45D 44 /-</u>	<u>A47L 11 /-</u>	<u>A61D 7 /-</u>	2021378077
<u>A01M 1 /-</u>	2018252930	2020321758	2020321758	2022211793	2021397252
2018325435	2019300211	2021290397			2021407690
	<u>A23K 29 /-</u>	<u>A46B 17 /-</u>	<u>A47L 9 /-</u>	<u>A61F 13 /-</u>	2021408119
<u>A01M 21 /-</u>	2017388705	2019360273	2020371415	2018219796	2022201522
2017440631				2018360593	2022202167
	<u>A23L 27 /-</u>	<u>A47B 49 /-</u>	<u>A61B 10 /-</u>		2022231918
<u>A01M 29 /-</u>	2017388705	2017443355	2019261327	<u>A61F 2 /-</u>	2022277989
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	<u>A23L 29 /-</u>	<u>A47B 57 /-</u>	2022200477	<u>A61H 39 /-</u>	
<u>A01M 7 /-</u>	2020329603	2017443355	2022200974	2018204123	2017388705
2018401117				2018219796	2018352167
	<u>A23L 3 /-</u>	<u>A47B 88 /-</u>	<u>A61B 13 /-</u>	2018324358	2018370663
<u>A01N 1 /-</u>	2018265855	2017443355	2020329603	2018333097	2020232029
2018234640				2018376923	2020322938
	<u>A23L 33 /-</u>	<u>A47B 96 /-</u>	<u>A61B 17 /-</u>	2019261327	2020359102
<u>A01N 25 /-</u>	2017287989	2018319491	2018204123	2020359012	
2019240878	2017388705		2020321758	2022200477	2017388705
	2018370663	<u>A47C 23 /-</u>	2021290397		2018352167
<u>A01N 37 /-</u>	2019307996	2018407588	<u>A61B 18 /-</u>	<u>A61F 5 /-</u>	2018370663
2018383990	2022215186		2018204123	2022200974	2020232029
	<u>A23N 5 /-</u>	<u>A47C 27 /-</u>	2018250821	2018386861	2020322938
<u>A01N 43 /-</u>	2018280652	2022202560	2018269378	2018386865	2020359102
2018383990		2023202449	2018300011	2018395242	
2019205379	<u>A24B 15 /-</u>		2019212319	<u>A61H 39 /-</u>	<u>A61K 35 /-</u>
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2019389778			2020201062		2018234640
			2021209682	<u>A61J 3 /-</u>	2019287483
			2021254536	2020371415	2020261541
			2022202560	<u>A61K 36 /-</u>	2021203981
			2023202449	2017388705	
				2018352167	
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				2022201269	
				2022204032	
				2022204563	
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2017339517	<u>A61M 5 /-</u>	2017287989	2019211172	2020377609	2022204235
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2019318120	2019222638	2018343110	<u>A62C 37 /-</u>	<u>B01J 35 /-</u>	<u>B21B 38 /-</u>
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2021202895		2021286420	2019211172	2018312487	2019312459
2021204818	<u>A61N 1 /-</u>	2022201269			
2022256195			<u>A63B 21 /-</u>	<u>B01J 6 /-</u>	<u>B22F 1 /-</u>
	2018258064				
<u>A61K 45 /-</u>	2022200848	<u>A61P 31 /-</u>	2020355227	2019254838	2022283742
	2022204462				
2018249676		2018275487	<u>A63B 22 /-</u>	<u>B01L 3 /-</u>	<u>B22F 3 /-</u>
2020232029	<u>A61N 2 /-</u>	2019307996			
		2020225663	2021235230	2022206759	2018392217
<u>A61K 47 /-</u>	2021259040	2021204630		2022209255	
		2021368444	<u>A63B 60 /-</u>		<u>B23K 35 /-</u>
2017388705	<u>A61N 5 /-</u>	2021407690		<u>B01L 7 /-</u>	2018349140
2018275487		2022231918	2021207044		
2019307996	2018269378			2022200573	
2020225663	2021259040	<u>A61P 35 /-</u>	<u>A63B 69 /-</u>	2022209255	<u>B23K 9 /-</u>
2021221413					
2021286420	<u>A61P 1 /-</u>	2017206967	2021207044	<u>B02C 17 /-</u>	2018349140
2022204563		2017336867			
2022260842	2020405182	2017339517	<u>B01D 15 /-</u>	2022204322	<u>B23P 19 /-</u>
		2018251770			
<u>A61K 49 /-</u>	<u>A61P 11 /-</u>	2018352167	2024200924	<u>B02C 2 /-</u>	2021252492
		2018398887			
2017248273	2022231918	2019268411	<u>B01D 25 /-</u>	2022307422	<u>B25B 15 /-</u>
		2019339006			
<u>A61K 8 /-</u>	<u>A61P 13 /-</u>	2020346936	2020384322	<u>B02C 23 /-</u>	2022354318
		2020374208			
2017388705	2018222739	2020402701	<u>B01D 3 /-</u>	2023202258	<u>B25B 21 /-</u>
2018343110	2018352167	2020424661			
2018370663	2021378077	2021286420	2018392217	<u>B03B 7 /-</u>	2021252492
2020359102		2021350982			2022291460
2020359946	<u>A61P 15 /-</u>	2021408119	<u>B01D 35 /-</u>	2022204235	
2020408410	2018352167	2022231918			<u>B25D 17 /-</u>
			2021290390	<u>B03D 1 /-</u>	2021252492
<u>A61K 9 /-</u>	<u>A61P 17 /-</u>	<u>A61P 37 /-</u>	<u>B01D 46 /-</u>	2022204235	
					<u>B25F 1 /-</u>
2020225663	2017332732	2017336867	2022291646	<u>B05B 1 /-</u>	2022354318
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2021292406	2018251770	2021202895	<u>B01D 53 /-</u>	2018202427	<u>B25F 5 /-</u>
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2022201269		2022231918	2018312487	<u>B05B 17 /-</u>	2022291460
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			2020377609	2018401117	<u>B25G 1 /-</u>
<u>A61L 12 /-</u>	2018249676	<u>A61P 43 /-</u>	<u>B01F 35 /-</u>	<u>B05B 7 /-</u>	2022354318
2021362359	<u>A61P 21 /-</u>	2022277989	2023202449	2021362359	<u>B25J 11 /-</u>
<u>A61L 2 /-</u>	2017291960	<u>A61P 9 /-</u>	<u>B01J 13 /-</u>	<u>B05B 9 /-</u>	2020321758
					2020465080
2021270309	<u>A61P 25 /-</u>	2018382556			
2021362359			2022279395	2018202427	<u>B25J 19 /-</u>
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	2020224678				
<u>A61L 27 /-</u>	2020232029	2020359102	<u>B01J 19 /-</u>	<u>B05D 5 /-</u>	2020321758
	2022201522	2020359946			2021226212
2018219796	2022202167	2020408410	2018392217	2022220755	
	2022231918		2022200573		<u>B25J 5 /-</u>
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	<u>A61P 27 /-</u>	2017388705			
2018258064			2019254838	2022204235	
	2020376697	<u>A61Q 19 /-</u>	2020322938	<u>B08B 3 /-</u>	<u>B25J 9 /-</u>
<u>A61M 1 /-</u>	2020394597				
	2022231918	2018370663	<u>B01J 20 /-</u>	2018202427	2020321758
2018250821					2020465080
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2018280652	<u>B60N 2 /-</u>	2018387123	2019220351	<u>C05B 19 /-</u>	<u>C07D 235 /-</u>
<u>B26D 7 /-</u>	2021272362	<u>B64D 27 /-</u>	<u>B65G 47 /-</u>	2019243423	2018398887
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<u>B27D 1 /-</u>	2020390428	<u>B64D 33 /-</u>	<u>B66C 15 /-</u>	2019243423	2021350982
2018319491	<u>B60T 13 /-</u>	2018246050	2019200501	<u>C05G 3 /-</u>	<u>C07D 241 /-</u>
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<u>B28C 5 /-</u>	<u>B60T 17 /-</u>	<u>B65B 51 /-</u>	<u>B66F 5 /-</u>	2020363035	2019389778
2018230528	2016259461	2020419611	2023278104	<u>C06B 31 /-</u>	<u>C07D 311 /-</u>
2018230528	2017279704	<u>B65D 19 /-</u>	<u>B68G 9 /-</u>	2023201922	2022246388
<u>B28C 7 /-</u>	<u>B60T 7 /-</u>	2017442004	2018276124	<u>C07C 15 /-</u>	<u>C07D 319 /-</u>
2018230528	2016259461	<u>B65D 25 /-</u>	<u>B81B 3 /-</u>	2021242475	2018398887
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2020419611	2018225666	<u>B65D 65 /-</u>	<u>B82Y 10 /-</u>	2022201572	2019211491
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2019200734	2022251335	2020371791	<u>B82Y 5 /-</u>	2018398887	2020424661
2020371791	<u>B60W 30 /-</u>	<u>B65D 75 /-</u>	2019240579	<u>C07C 233 /-</u>	2021368444
2020407603	2018225666	2018219796	<u>C01B 3 /-</u>	2020424661	2021408119
<u>B32B 37 /-</u>	<u>B60W 40 /-</u>	<u>B65D 77 /-</u>	2021242475	<u>C07C 273 /-</u>	2019211491
2019202390	2018225666	2020265713	<u>C01B 32 /-</u>	2018392217	2021350982
<u>B32B 38 /-</u>	<u>B60W 50 /-</u>	<u>B65D 81 /-</u>	2018390955	<u>C07C 49 /-</u>	2021368444
2018319491	2018220037	2019200734	2022215037	2020424661	2022231918
<u>B32B 7 /-</u>	<u>B63B 1 /-</u>	<u>B65D 83 /-</u>	<u>C01B 33 /-</u>	<u>C07C 5 /-</u>	<u>C07D 405 /-</u>
2018319491	2019266329	2018373926	2022277989	2021242475	2020346936
<u>B32B 9 /-</u>	2023270271	<u>B65D 85 /-</u>	<u>C01B 7 /-</u>	<u>C07C 59 /-</u>	2021368444
2020371791	<u>B63B 39 /-</u>	2018219796	2022279526	2019256800	2021408119
<u>B42D 25 /-</u>	2023270271	<u>B65G 1 /-</u>	<u>C01D 15 /-</u>	<u>C07C 69 /-</u>	<u>C07D 411 /-</u>
2022275466	<u>B63B 59 /-</u>	2021290299	2022279526	2019256800	2019389778
<u>B44C 3 /-</u>	2019266329	<u>B65G 11 /-</u>	<u>C01G 23 /-</u>	<u>C07D 207 /-</u>	<u>C07D 413 /-</u>
2021267605	<u>B63C 11 /-</u>	2018222916	2020377609	2022201572	2020346936
<u>B60C 1 /-</u>	2020231147	2020317370	<u>C01G 45 /-</u>	<u>C07D 209 /-</u>	2020394597
2020411945	<u>B63H 1 /-</u>	<u>B65G 13 /-</u>	2019256018	2021368444	2021308344
<u>B60C 11 /-</u>	2023270271	2019220351	<u>C02F 1 /-</u>	<u>C07D 213 /-</u>	2021368444
2020411945	<u>B63H 20 /-</u>	<u>B65G 15 /-</u>	2019243423	2018398887	2020376697
<u>B60D 1 /-</u>	2023270271	2018276124	2024200924	<u>C07D 217 /-</u>	2021368444
2018220037	<u>B64C 39 /-</u>	2020390428	<u>C04B 40 /-</u>	2019211491	<u>C07D 471 /-</u>
<u>B60G 17 /-</u>	2018401117			2020224678	

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2020346936	2021202612	<u>C08J 7/-</u>	<u>C09J 5/-</u>	2019287483	<u>C22C 22/-</u>
2020374208	2021204818			2020261541	
2021368444	2021209207	2020371791	2019202390		2019209546
2022202167				<u>C12N 7/-</u>	
<u>C07D 487/-</u>	<u>C07K 19/-</u>	<u>C08K 3/-</u>	<u>C09J 7/-</u>	2022256195	<u>C22C 35/-</u>
	2021365129	2020411945	2019202390		2019209546
2019339006		2021256983		<u>C12N 9/-</u>	
2020374208	<u>C07K 7/-</u>	2022220755	<u>C09K 3/-</u>		<u>C22C 38/-</u>
2020402701				2018267948	
2021209207	2019268411	<u>C08K 5/-</u>	2018417961	2019287483	2018392217
2021368444	2019375096			2021204038	
2021407690	2022204032	2020411945	<u>C09K 5/-</u>		<u>C25B 1/-</u>
2022201572		2021267605		<u>C12P 17/-</u>	2018390955
2022202167	<u>C08B 15/-</u>	2022220755	2018387123		2022279526
			2018387884	2018285734	
<u>C07D 489/-</u>	2024200924	<u>C08L 1/-</u>	<u>C10B 53/-</u>	<u>C12P 19/-</u>	<u>C25B 15/-</u>
	<u>C08B 37/-</u>	2022220755		2022200718	2022279526
2022201522			2019254838		
<u>C07D 491/-</u>	2024200924	<u>C08L 23/-</u>	<u>C10G 17/-</u>	<u>C12P 21/-</u>	<u>C40B 60/-</u>
	<u>C08F 12/-</u>	2020395883		2017231833	2022200189
2021368444			2018291824		
2022246388	2019240878	<u>C08L 29/-</u>	<u>C10G 31/-</u>	<u>C12Q 1/-</u>	<u>D04H 3/-</u>
<u>C07D 493/-</u>	<u>C08F 20/-</u>	2020360405			2019202898
			2018291824	2017339517	
2022246388	2019240878	<u>C08L 3/-</u>	<u>C10G 53/-</u>	2018220798	<u>D06F 58/-</u>
<u>C07D 495/-</u>	<u>C08F 212/-</u>	2020329603		2018251770	
			2018291824	2018335876	2020331355
2021368444	2019225385	<u>C08L 33/-</u>	<u>C10L 5/-</u>	2021202190	<u>D06F 71/-</u>
<u>C07D 498/-</u>	<u>C08F 22/-</u>	2019240878		2021204038	
		2022220755	2019254838	2022200256	2020331355
2020402701	2019240878	<u>C08L 5/-</u>	<u>C11B 3/-</u>	2022200573	
2021407690				2022209255	<u>E01C 19/-</u>
<u>C07D 519/-</u>	<u>C08F 222/-</u>	2020329603	2018273218	<u>C21C 5/-</u>	2020390428
		2024200924			
2020346936	2019225385	<u>C08L 63/-</u>	<u>C11D 17/-</u>	2019209546	<u>E01D 19/-</u>
2021368444	<u>C08F 8/-</u>				
2022201572		2018388985	2020371791	<u>C22B 1/-</u>	2021215022
<u>C07F 15/-</u>	2019225385	2020407603	<u>C12M 1/-</u>	2019209546	<u>E01D 21/-</u>
	<u>C08G 59/-</u>	2022200977		2019254838	
2020409909			2018251770		2020352698
<u>C07H 15/-</u>	2018388985	<u>C08L 67/-</u>	2022209255	<u>C22B 11/-</u>	
	2020407603				<u>E01F 7/-</u>
2018382556	2022200977	2019225385	<u>C12N 1/-</u>	2022204322	2021266385
<u>C07J 43/-</u>	<u>C08G 65/-</u>	<u>C08L 7/-</u>		<u>C22B 15/-</u>	
			2019240579		<u>E01H 1/-</u>
2022203444	2020407603	2020411945	2021204038	2023222919	2021290397
<u>C07K 14/-</u>	<u>C08G 69/-</u>	<u>C08L 71/-</u>	<u>C12N 15/-</u>	<u>C22B 26/-</u>	
					<u>E01H 15/-</u>
2018220798	2019225385	2020407603	2017231833	2022250148	2021290397
2019268411			2017281034	<u>C22B 3/-</u>	
2019318120	<u>C08G 75/-</u>	<u>C08L 75/-</u>	2017291960		<u>E02F 3/-</u>
2021221413			2017324550	2020377609	
2021365129	2020407603	2020407603	2017336867	2022204322	2020354288
2022256195			2017388705	2022250148	2022271387
<u>C07K 16/-</u>	<u>C08J 3/-</u>	<u>C08L 9/-</u>	2018261769	2018285734	
			2019287483	2019287483	<u>E02F 5/-</u>
2016369537	2020411945	2020411945	2019318120	<u>C22B 34/-</u>	
2017206967	2021256983	<u>C09J 133/-</u>	2021202895		2021357619
2017222399	2021267605		2021204630	2020377609	
2017231833	<u>C08J 5/-</u>	2022220755	<u>C12N 5/-</u>	<u>C22B 5/-</u>	<u>E02F 9/-</u>
2017260399					
2017281034	2018388985	<u>C09J 181/-</u>	2017385595	2019209546	2020317370
2017336867	2020360405		2017388705		2021255285
2017339517	2020371791	2020407603	2018261769		2021357619
					2022271387

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<u>E03D 1 /-</u>	<u>E21B 34 /-</u>	2019384617	<u>F16L 55 /-</u>	<u>F28F 13 /-</u>	<u>G01L 1 /-</u>
2021411007	2021214908	<u>F04D 25 /-</u>	2017442443 2019377350	2018202427	2020412660
<u>E04B 1 /-</u>	<u>E21B 36 /-</u>	2021286391 2022291646	<u>F16L 59 /-</u>	<u>F42B 15 /-</u>	<u>G01L 5 /-</u>
2018390268	2018389589	<u>F04D 29 /-</u>	2018389589	2021244290	2020412660
<u>E04B 5 /-</u>	<u>E21B 41 /-</u>	2021286391 2022291646	<u>F16L 9 /-</u>	<u>G01B 11 /-</u>	<u>G01M 3 /-</u>
2018220145 2021257981	2017440221 2018372526	<u>F04D 7 /-</u>	2018389589	2022203105 2022204417 2023202729	2019211172 2020391926
<u>E04F 21 /-</u>	<u>E21B 43 /-</u>	2018371104	<u>F22B 37 /-</u>	<u>G01B 9 /-</u>	<u>G01M 5 /-</u>
2023278104	2018333283 2018389589 2018436511	<u>F04F 5 /-</u>	2021387203	2023202729	2019276944
<u>E04G 11 /-</u>	<u>E21B 47 /-</u>	2022291646	<u>F23N 5 /-</u>	<u>G01C 19 /-</u>	<u>G01N 1 /-</u>
2021257981	2017440221 2020231612	<u>F04F 99 /-</u>	2019228202	2020415534 2021299125	2021321125 2022206759
<u>E04G 17 /-</u>	<u>E21C 25 /-</u>	2022273489	<u>F24F 1 /-</u>	<u>G01C 21 /-</u>	<u>G01N 15 /-</u>
2018333024	2023202729	<u>F15B 1 /-</u>	2020440046	2019201349 2022204417	2021321125
<u>E04G 5 /-</u>	<u>E21C 27 /-</u>	2022251335	<u>F24F 7 /-</u>	<u>G01C 3 /-</u>	<u>G01N 17 /-</u>
2018333024	2023202729	<u>F15B 11 /-</u>	2022291646	2022204417	2019211172
<u>E04H 15 /-</u>	<u>E21C 35 /-</u>	2022251335	<u>F24F 8 /-</u>	<u>G01D 5 /-</u>	2021202190 2022200189 2022203105 2023229561
2022252852	2023202729	<u>F15B 15 /-</u>	2022291646	2022203105	<u>G01N 25 /-</u>
<u>E05B 47 /-</u>	<u>E21D 20 /-</u>	2018222981	<u>F24S 20 /-</u>	<u>G01F 1 /-</u>	2021321125
2018292696	2023202729	<u>F15B 19 /-</u>	2022271485	2020429918	<u>G01N 27 /-</u>
<u>E05B 63 /-</u>	<u>E21D 9 /-</u>	2022251335	<u>F24S 30 /-</u>	<u>G01F 15 /-</u>	2022200189 2022209255
2018292696	2018354998	<u>F16B 31 /-</u>	2022271485	2020429918	<u>G01N 29 /-</u>
<u>E05B 65 /-</u>	<u>F01B 9 /-</u>	2018393082	<u>F25B 1 /-</u>	<u>G01F 23 /-</u>	2022200189 2022209255
2018292696	2020425149	<u>F16B 43 /-</u>	2018387884	2018371104	<u>G01N 29 /-</u>
<u>E05D 11 /-</u>	<u>F01K 13 /-</u>	2018349140	<u>F25D 11 /-</u>	<u>G01G 21 /-</u>	2019202390
2020265713	2018399079	<u>F16H 25 /-</u>	2021252970 2021307486	2020412660	<u>G01N 3 /-</u>
<u>E05F 1 /-</u>	<u>F02N 11 /-</u>	2018399079	<u>F25D 23 /-</u>	<u>G01G 3 /-</u>	2020412660 2022204502
2018254677	2020362203	<u>F16J 10 /-</u>	2020393453 2021307486	2020412660	<u>G01N 30 /-</u>
<u>E05F 3 /-</u>	<u>F03B 13 /-</u>	2018222981	<u>F25D 27 /-</u>	<u>G01H 9 /-</u>	2023229561
2018254734	2019384617	<u>F16K 11 /-</u>	2020393453	2022203105	<u>G01N 31 /-</u>
<u>E21B 10 /-</u>	<u>F03D 1 /-</u>	2022204301	<u>F25D 29 /-</u>	<u>G01J 1 /-</u>	2022200256
2018220728	2020430267	<u>F16K 31 /-</u>	2021262372 2021307486	2022200189	<u>G01N 33 /-</u>
<u>E21B 17 /-</u>	<u>F03D 3 /-</u>	2022204301	<u>F25D 3 /-</u>	<u>G01J 3 /-</u>	2017222399 2017385595 2018220798 2018256845 2021202190 2022204502
2018389589 2019362382	2019227080	<u>F16L 1 /-</u>	2018387123	2019207516	<u>G01K 1 /-</u>
<u>E21B 23 /-</u>	<u>F04D 13 /-</u>	2019377350	<u>F25J 3 /-</u>	<u>G01K 11 /-</u>	<u>G01N 35 /-</u>
2018436511 2021214908	2019362382	<u>F16L 11 /-</u>	2022215037	2020445909	2021321125
<u>E21B 33 /-</u>	<u>F04D 15 /-</u>	<u>F16L 5 /-</u>	<u>F28D 21 /-</u>	2022203105	
2018372526 2021214908	2018371104	2018390268	2018202427		

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2022200573	<u>G05B 15 /-</u>	2021348459	<u>G06V 20 /-</u>	2022201779	
<u>G01P 15 /-</u>	2019200501	2022202698	2021375591	<u>H01B 17 /-</u>	<u>H01Q 1 /-</u>
2020415534	2022275512	<u>G06K 19 /-</u>	2022202811	2020432229	2019203736
<u>G01R 31 /-</u>	<u>G05B 19 /-</u>	2018333024	<u>G07C 9 /-</u>		2019315326
2018330490	2019200501	<u>G06N 10 /-</u>	2022202756	<u>H01B 7 /-</u>	2021244290
2022287669	2021341042	2021215331	2022287646	2019362382	<u>H01Q 11 /-</u>
<u>G01S 13 /-</u>	2022271387	2021290024	<u>G08B 13 /-</u>		2021244290
	2023202729	<u>G06N 20 /-</u>	2021351627	2021399646	<u>H01Q 13 /-</u>
2019203216	<u>G05B 23 /-</u>	2022231680	<u>G08B 21 /-</u>		2018333024
2019273636	2018246050	2022345532	2022202551	<u>H01G 11 /-</u>	<u>H01Q 21 /-</u>
<u>G01S 17 /-</u>	2021387203	<u>G06N 3 /-</u>		2018390955	2019315326
2019203470	<u>G05D 1 /-</u>	2020231612	<u>G08B 3 /-</u>	<u>H01G 9 /-</u>	2021244290
2022204417	2022202756	<u>G06N 7 /-</u>	2021351627	2019269021	<u>H01Q 5 /-</u>
<u>G01S 19 /-</u>	<u>G05F 1 /-</u>	2022202698	<u>G08C 23 /-</u>	<u>H01H 1 /-</u>	2019315326
2019201349	2020466101	<u>G06Q 20 /-</u>	2022204055	2021399646	<u>H01Q 9 /-</u>
<u>G01S 7 /-</u>	2022275512	2018260289	<u>G08G 5 /-</u>	<u>H01H 3 /-</u>	2019315326
2019273636	<u>G06F 1 /-</u>	<u>G06Q 40 /-</u>	2021360822	2021399646	2020411326
2022204417	2022279482	2021332370	<u>G09F 3 /-</u>	<u>H01H 35 /-</u>	<u>H01R 101 /-</u>
<u>G01V 1 /-</u>	<u>G06F 11 /-</u>	<u>G06Q 99 /-</u>	2018333024	2019228202	2020429918
2019237292	2019241905	2022202698	2019419905	<u>H01H 71 /-</u>	<u>H01R 13 /-</u>
2019276944	<u>G06F 15 /-</u>	<u>G06T 1 /-</u>	<u>G09G 3 /-</u>	2020442184	2020429918
2020231612	2022201779	2022204633	2019419905	<u>H01K 1 /-</u>	<u>H01R 24 /-</u>
2022204502	<u>G06F 16 /-</u>	<u>G06T 11 /-</u>	<u>G09G 5 /-</u>	2021272046	<u>H01R 24 /-</u>
<u>G01V 3 /-</u>	2021332370	2022231680	2022201864	2021236824	2021244290
2020411326	2021360822	<u>G06T 15 /-</u>	<u>G10L 15 /-</u>	<u>H01L 29 /-</u>	<u>H02H 3 /-</u>
<u>G01W 1 /-</u>	2022201779	2022231680	2021360822	2021236824	2022287669
2021321125	2022204687	<u>G06T 17 /-</u>	2022287646	<u>H01L 31 /-</u>	<u>H02H 9 /-</u>
<u>G02B 27 /-</u>	<u>G06F 17 /-</u>	2019223959	<u>G10L 19 /-</u>	2022209308	2022287669
2022283723	2022201882	2022231680	2019298232	2022291657	<u>H02J 1 /-</u>
<u>G02B 5 /-</u>	<u>G06F 21 /-</u>	<u>G06T 19 /-</u>	2022204314	<u>H01L 33 /-</u>	2019315575
2022204869	2018421734	2020421629	2023255020	2022209308	<u>H02J 15 /-</u>
<u>G02B 6 /-</u>	2021297139	2022345532	2021360822	<u>H01M 10 /-</u>	2022203378
2022202391	2021332370	<u>G06T 3 /-</u>	<u>G10L 25 /-</u>	2018246050	<u>H02J 3 /-</u>
<u>G02B 7 /-</u>	<u>G06F 3 /-</u>	2019223959	2019282559	2018318006	2019315575
2022200189	2019419905	2022208002	<u>G11B 27 /-</u>	2019262442	2020466101
<u>G02C 5 /-</u>	2022204849	2022224726	2020421629	2020362203	2022203378
202220755	2022208002	2022345532	<u>G11B 33 /-</u>	2021256983	2022275512
	2022224726	<u>G06T 7 /-</u>	2022279482	2021269714	2022287669
	2022345532	2019223959	<u>G16B 45 /-</u>	<u>H01M 50 /-</u>	
<u>G02F 1 /-</u>	<u>G06F 30 /-</u>	2022202811	2021375591	2018318006	<u>H02J 50 /-</u>
2022283723	2022202811	2022231680	2022202811	<u>H01M 6 /-</u>	2021373705
<u>G05B 11 /-</u>	<u>G06F 7 /-</u>	2022287535	<u>G06V 10 /-</u>	2018246050	<u>H02J 7 /-</u>
2023202729	2022200701	<u>G06V 10 /-</u>	<u>G16H 20 /-</u>	2019262442	2019262442
<u>G05B 13 /-</u>	<u>G06F 9 /-</u>	2021375591		2020362203	2020362203
2022275512		2022202811		2021269714	2021269714

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<u>H02K 1 /-</u>	2022253085	2021297139
2021272046	<u>H04L 65 /-</u>	<u>H04W 16 /-</u>
2021326327	2020421629	2018402028
<u>H02K 3 /-</u>	<u>H04L 67 /-</u>	<u>H04W 24 /-</u>
2021272046	2022202551	2018211246
<u>H02K 5 /-</u>	<u>H04L 9 /-</u>	<u>H04W 28 /-</u>
2021326327	2022226943	2021238794
<u>H02K 7 /-</u>	<u>H04M 11 /-</u>	<u>H04W 4 /-</u>
2021272046	2018211246	2018211246
2021326327	<u>H04M 7 /-</u>	2021297139
2021339852	2022271387	2022271387
<u>H02K 9 /-</u>	2018211246	<u>H04W 64 /-</u>
2021272046	<u>H04N 11 /-</u>	2021263690
2021326327	2023201230	<u>H04W 72 /-</u>
<u>H02M 7 /-</u>	<u>H04N 13 /-</u>	2021206754
2018271365	2020421629	<u>H04W 76 /-</u>
2021352737	2023202527	2018211246
<u>H02P 27 /-</u>	<u>H04N 19 /-</u>	<u>H04W 84 /-</u>
2021352737	2020393728	2018421734
<u>H02S 20 /-</u>	2022203416	<u>H05B 6 /-</u>
2022271485	2023201809	2018315423
<u>H02S 40 /-</u>	2023202413	<u>H05K 1 /-</u>
2021226212	2023202527	2021256983
<u>H02S 50 /-</u>	2023202658	<u>H05K 5 /-</u>
2020466101	2023255020	2022279482
<u>H03K 17 /-</u>	<u>H04N 21 /-</u>	<u>H05K 7 /-</u>
2021290024	2018421734	2022228192
<u>H03K 5 /-</u>	2019282559	<u>H10N 30 /-</u>
2021290024	<u>H04N 23 /-</u>	2021299125
<u>H04B 11 /-</u>	2022204849	<u>H10N 60 /-</u>
2018277184	<u>H04N 7 /-</u>	2021215331
<u>H04B 3 /-</u>	2022201864	<u>H10N 69 /-</u>
2021240619	<u>H04Q 9 /-</u>	2021215331
2021269714	2022271387	<u>H10N 69 /-</u>
<u>H04B 7 /-</u>	<u>H04R 1 /-</u>	2021215331
2018421734	2019291044	
<u>H04L 12 /-</u>	2020393453	
2021240619	<u>H04S 3 /-</u>	
2021269714	2019298232	
2021341042	2022204314	
2022202551	<u>H04W 12 /-</u>	
<u>H04L 5 /-</u>	2018421734	
2021206754		

Certified Innovation Patents**Name Index**

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

(71) Fantom Hardware Pty Ltd
(11) AU-B-2022100147
(21) 2022100147 (22) 18.10.2022
(54) A door stop
(51) Int. Cl.
 E05C 17/56 (2006.01)
 E05C 19/16 (2006.01)
(45) 14.03.2024
(62) 2017205774
(72) Sellar, Mark Andrew; Lush, Kylie Jane;
 Lush, Clayton Steve
(74) BRM Patent Attorneys Pty Ltd

Numerical Index

2022100147 Fantom Hardware Pty Ltd

IPC Index

E05C 17 /-

2022100147

E05C 19 /-

2022100147

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn - Proceed to Grant

2023203445 **Pipe Ex Pty Ltd** (Phoenix Energy Services Pty Ltd)

Patents Granted

Standard Patents

2016342300	2016348841	2016349786	2016393811
2016423082	2017212717	2017220675	2017228043
2017260323	2017272337	2017279601	2017290805
2017300788	2017320582	2017327828	2017330079
2017342088	2017344051	2017345565	2017357638
2017357758	2017358058	2017362433	2017362869
2017366548	2017375887	2017381396	2017382718
2017382982	2017409283	2017417935	2017439358
2017442232	2017444223	2017445534	2018201506
2018201679	2018202183	2018202597	2018202705
2018202729	2018203295	2018209681	2018214044
2018221900	2018222509	2018223220	2018226807
2018227924	2018231091	2018234624	2018236847
2018238006	2018238285	2018238303	2018239528
2018241200	2018241478	2018242620	2018243393
2018244318	2018248728	2018249260	2018249368
2018250504	2018250530	2018250606	2018251178
2018252144	2018254468	2018255297	2018255352
2018255353	2018256481	2018256886	2018257543
2018259192	2018261793	2018262340	2018264068
2018265160	2018266253	2018268208	2018271160
2018272943	2018273992	2018285214	2018285717
2018285975	2018286791	2018293336	2018293400
2018293429	2018297668	2018297910	2018299928
2018301181	2018304409	2018304429	2018307964
2018308863	2018309300	2018310754	2018312101
2018314497	2018318017	2018318475	2018319444
2018320883	2018322049	2018325283	2018325394
2018328072	2018328773	2018329471	2018329665
2018332065	2018332238	2018332954	2018333124
2018333268	2018333293	2018337982	2018340665
2018342105	2018343112	2018344267	2018349284
2018353702	2018355654	2018358273	2018371375
2018372138	2018373682	2018379381	2018382219
2018382919	2018385902	2018388629	2018390994
2018394269	2018396636	2018397320	2018399375
2018408015	2018409155	2018446089	2019200209
2019201137	2019203318	2019203434	2019203684
2019204573	2019204869	2019205743	2019217388
2019222350	2019230217	2019232762	2019236650
2019239098	2019245925	2019253221	2019258584
2019262144	2019262567	2019264639	2019266519
2019285184	2019285831	2019291640	2019341596
2019344001	2019353144	2019355870	2019364336
2019369551	2019373948	2019382521	2019387119
2019426942	2019428181	2019428636	2019431743
2019431775	2019440386	2019460046	2019469001
2019469864	2019470183	2020200887	2020204593
2020206823	2020213308	2020225213	2020228710
2020232306	2020245575	2020257160	2020269749
2020271967	2020282051	2020287968	2020291776
2020310565	2020316159	2020320849	2020323128
2020324416	2020328374	2020329956	2020335966
2020336351	2020337913	2020339071	2020343309
2020344570	2020348800	2020353503	2020357745
2020367999	2020376858	2020376860	2020381577
2020384883	2020387638	2020392728	2020396012
2020396985	2020401545	2020409772	2020409995
2020414467	2020418818	2020419057	2020421460
2020421906	2020426967	2020427556	2020428327

Patents Granted

Standard Patents

2020429220	2020433395	2020437705	2020438872
2020453318	2020458557	2020476356	2021200283
2021203745	2021203995	2021205040	2021207465
2021207767	2021208885	2021209616	2021214518
2021214781	2021215386	2021215426	2021216059
2021218020	2021218063	2021218167	2021218212
2021218228	2021218230	2021218841	2021220681
2021220811	2021221208	2021221883	2021223970
2021225129	2021225190	2021229120	2021232661
2021232781	2021232819	2021236529	2021236565
2021236605	2021240138	2021240226	2021245033
2021245137	2021245219	2021246447	2021249647
2021250894	2021250925	2021250941	2021250981
2021252014	2021254546	2021254587	2021254603
2021254613	2021257964	2021258023	2021258040
2021258195	2021261878	2021261898	2021261937
2021261939	2021266192	2021269310	2021277144
2021279510	2021281863	2021282392	2021282513
2021282542	2021286252	2021286265	2021286332
2021286381	2021290281	2021296124	2021296362
2021302317	2021305575	2021311260	2021313129
2021317217	2021326486	2021328048	2021331096
2021339341	2021340367	2021401911	2021403223
2021414652	2021428062	2022200089	2022200146
2022200257	2022200493	2022200597	2022200600
2022200757	2022201157	2022201325	2022201404
2022201634	2022202008	2022202374	2022202664
2022202709	2022202947	2022202956	2022203408
2022203614	2022203915	2022204062	2022204208
2022204547	2022204698	2022204758	2022206452
2022206815	2022208873	2022209801	2022210988
2022211859	2022215205	2022218621	2022221481
2022221535	2022228084	2022235523	2022235634
2022246389	2022252727	2022258555	2022271420
2022271460	2022274223	2022275425	2022282801
2022283647	2022283653	2022283784	2022287574
2022323936	2022327551	2023200390	2023200413
2023201028	2023201189	2023201454	2023201954
2023202432	2023202567	2023210530	2023210531
2023210541	2023216814	2023237088	2023241315

Assignments Registered

2005227083	Siemens Aktiengesellschaft	The patent has been assigned to Innomotics GmbH
2006210757	Glide Pharmaceutical Technologies Limited	The patent has been assigned to Avaxzipen Limited
2006247626	Rhodia Inc.	The patent has been assigned to SPECIALTY OPERATIONS FRANCE
2006263851	Siemens Aktiengesellschaft	The patent has been assigned to Innomotics GmbH
2006311022	Rhodia Operations	The patent has been assigned to SPECIALTY OPERATIONS FRANCE
2007202548	Jurox Pty Ltd	The patent has been assigned to Zoetis Services LLC
2007286366	Siemens Aktiengesellschaft	The patent has been assigned to Innomotics GmbH
2007306326	Rhodia Operations	The patent has been assigned to SPECIALTY OPERATIONS FRANCE
2007309475	Corteva Agriscience LLC	The patent has been assigned to Ecolab USA Inc.

Assignments Registered

2008288403 mivenion GmbH The patent has been assigned to **XIRALITE GmbH**

2008289857 LSI Medience Corporation The patent has been assigned to **PHC Corporation**

2008324145 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2009207634 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2009209421 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2009243644 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2009292169 Corteva Agriscience LLC The patent has been assigned to **Ecolab USA Inc.**

2010201490 Jurox Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2010215700 Ganymed Pharmaceuticals AG; Johannes Gutenberg-Universität Mainz The patent has been assigned to **Johannes Gutenberg-Universität Mainz; Astellas Pharma Inc.; TRON - Transnationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

2010249226 Jurox Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2010266723 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2010290047 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2011200512 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2011210333 Volotek SA The patent has been assigned to **Clean-Fizz SA**

2011279878 Biogen Chesapeake LLC The patent has been assigned to **Remedy Pharmaceuticals, Inc.**

2011285076 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2011297666 Bertech SpA. The patent has been assigned to **Bertech Panama, S.A.**

2011301226 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2011355587 O'Donnell, Raymond The patent has been assigned to **Tilbrook, Karen**

2011357265 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2012217301 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2012219507 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2012223522 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

Assignments Registered

2012250614 Wellstat ImmunoTherapeutics, LLC The patent has been assigned to **PHARMA CINQ, LLC**

2012261504 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2012268889 Jurox Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2012284027 Tropicana Products, Inc. The patent has been assigned to **PepsiCo, Inc.**

2012308738 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2012312570 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2012321102 Wellstat Ophthalmics Corporation The patent has been assigned to **PHARMA CINQ, LLC**

2012322977 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2012369323 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2012391128 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2013200548 Corteva Agriscience LLC The patent has been assigned to **Ecolab USA Inc.**

2013204173 Jurox Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2013204672 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2013273764 Jurox Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2013285690 SCHOLLE IPN IP B.V. The patent has been assigned to **SIG Services AG**

2013286416 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2013322982 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2013337341 Palatin Technologies, Inc. The patent has been assigned to **Cosette Pharmaceuticals, Inc.**

2013361160 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2013378593 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2014212242 Wellstat Therapeutics Corporation The patent has been assigned to **PHARMA CINQ, LLC**

2014264849 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2014304638 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2014321654 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

Assignments Registered

2014338757 Hot Pod Yoga Limited The patent has been assigned to **HOTPOD HOLDINGS LTD**

2014343368 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2015227488 Corteva Agriscience LLC The patent has been assigned to **Ecolab USA Inc.**

2015238649 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2015238729 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2015288092 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2015323953 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2015335983 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2015343303 Corteva Agriscience LLC The patent has been assigned to **Ecolab USA Inc.**

2015371082 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2015371799 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2015377980 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2015414494 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2016201051 Ganymed Pharmaceuticals AG; Johannes Gutenberg-Universität Mainz The patent has been assigned to **As-tellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH**

2016253632 Corteva Agriscience LLC The patent has been assigned to **Ecolab USA Inc.**

2016294583 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2016301801 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2016306551 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2016308719 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2016318966 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2016327154 Stora Enso Oyj; University of Maine System Board of Trustees The patent has been assigned to **University of Maine System Board of Trustees**

2016327417 Scholle IPN IP B.V. The patent has been assigned to **SIG Services AG**

2016358613 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

Assignments Registered

2016416850 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2017205773 Jurox Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2017290729 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2017295379 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2017306824 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2017344059 Wellstat Ophthalmics Corporation The patent has been assigned to **PHARMA CINQ, LLC**

2017420387 Cubic Corporation The patent has been assigned to **CUBIC DEFENCE UK LTD.**

2017435847 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2018200621 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2018201401 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2018205162 Corteva Agriscience LLC The patent has been assigned to **Ecolab USA Inc.**

2018215615 Stora Enso Oyj; University of Maine System Board of Trustees The patent has been assigned to **University of Maine System Board of Trustees**

2018255117 Scholle IPN IP B.V. The patent has been assigned to **SIG Services AG**

2018265258 Wellstat ImmunoTherapeutics, LLC The patent has been assigned to **PHARMA CINQ, LLC**

2018288975 Cubic Corporation The patent has been assigned to **CUBIC DEFENCE UK LTD.**

2018305208 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2018320481 Nicoventures Holdings Limited The patent has been assigned to **Nicoventures Trading Limited**

2018330240 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2018330241 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2018334042 British American Tobacco (Investments) Limited The patent has been assigned to **Nicoventures Trading Limited**

2019203194 Corteva Agriscience LLC The patent has been assigned to **Ecolab USA Inc.**

2019203363 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2019220922 Caretech Services Pty Ltd The patent has been assigned to **Wearne Digital Pte Ltd**

2019272055 British American Tobacco (Investments) Limited The patent has been assigned to **Nicoventures Trading Limited**

Assignments Registered

2019292493 Technoblock Sinop AS The patent has been assigned to **Sinop Norge AS**

2019297315 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2019348266 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2019348372 Siemens Aktiengesellschaft The patent has been assigned to **Innomotics GmbH**

2019361191 PricewaterhouseCoopers LLP The patent has been assigned to **PWC PRODUCT SALES LLC**

2019396077 Komatsu Ltd.; National University Corporation Yokohama National University The patent has been assigned to **Komatsu Ltd.**

2020101962 Caretech Services Pty Ltd The patent has been assigned to **Wearne Digital Pte Ltd**

2020200510 Wellstat Therapeutics Corporation The patent has been assigned to **PHARMA CINQ, LLC**

2020203586 British American Tobacco (Investments) Limited The patent has been assigned to **Nicoventures Trading Limited**

2020244597 Jurox Pty Ltd The patent has been assigned to **Zoetis Services LLC**

2020260512 University of Pittsburgh - Of The Commonwealth System of Higher Education The patent has been assigned to **Xiangqun Xie**

2020281085 Corteva Agriscience LLC The patent has been assigned to **Ecolab USA Inc.**

2020310565 Spindeco Technologies Oy The patent has been assigned to **QID Oy**

2021201043 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2021215256 Rhodia Operations The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2021221403 British American Tobacco (Investments) Limited The patent has been assigned to **Nicoventures Trading Limited**

2023100086 Cohen, Bradley; Butler Technology Pty Ltd The patent has been assigned to **Catchy Baby IP Pty Ltd**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2012339734 **Boehringer Ingelheim International GmbH**

The earliest first regulatory approval date provided by the patentee 24 Nov 2023

For the goods SPEVIGO spesolimab

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.

2021203265 **Estetra SRL**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The earliest first regulatory approval date provided by the patentee 26 Nov 2021

For the goods NEXTSTELLIS estetrol

Address for service : Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

Extensions granted

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

2013365873 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

Extension of Term of patent pursuant to Section 77 expires on 02 Dec 2037

2018204421 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar 20 pneumococcal purified capsular polysaccharides

Extension of Term of patent pursuant to Section 77 expires on 02 Dec 2037

Corrigenda

In Vol 58 , No 7 , Page(s) 898 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2009** Under the name Sapura Babalon Pty Ltd., Application No. 2009233523, under INID (71) correct (name) to read Sapura Babalon Pty Ltd

In Vol 58 , No 7 , Page(s) 898 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2009** Under the name Sapura Babalon Pty Ltd., Application No. 2009233524, under INID (71) correct (name) to read Sapura Babalon Pty Ltd

In Vol 58 , No 7 , Page(s) 936 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name IMMUNOLUX INTERNATIONAL CORP.; Aladar A. SZALAY, Application No. 2022317540, under INID (71) add co-applicants Ivan PETROV; Ignazio CARUANA; Elena EKRAMI; under INID (71) remove co-applicant Aladar A. SZALAY; under INID (72) correct co-inventor name to PETROV, Ivan; CARUANA, Ignazio; EKRAMI, Elena

Specifications Republished

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

2018309737 **P2 Science, Inc.**
 2018381436 **Osaka University**
 2020234954 **Microline Surgical, Inc.**
 2020335420 **Nippon Steel Corporation**
 2021280623 **Sciwind Biosciences Co., Ltd.**
 2021430612 **MITSUBISHI ELECTRIC CORPORATION**