



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

CQMS Pty Ltd v ESCO Group LLC [2025] APO 7

Patent Application:	2017261340
Title:	A wear part for earth working equipment
Patent Applicant:	ESCO Group LLC
Opponent:	CQMS Pty Ltd
Delegate:	Stephanie Howard
Decision Date:	3 rd March 2025
Hearing Date:	4 th December 2024 via video conference
Catchwords:	PATENTS – opposition to the grant of patent – s 59 – clarity – claims are clear – utility – clear enough and complete enough disclosure – claims comply with s 40(2)(a) – claims lack support – claims do not comply with s 40(3) – novelty – claims are novel – inventive step – claims are inventive – opposition successful – opportunity to amend – costs awarded
Representation:	Counsel for the applicant: Tom Cordiner KC Patent attorney for the applicant: Shyama Jayaswal, Rebecca Dutkowski, Naomi Hudspeth and Wayne McMaster of MinterEllison Counsel for the opponent: Peter Creighton-Selvay Patent attorney for the opponent: Joseph Garven of James & Wells

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 25 Feb 2025 .

(71) A.C.N. 621 622 839 PTY. LTD. (21) 2025900649 (22) 04.03.2025 (54) HYDROELECTRIC GENERATION METHOD AND SYSTEM	(71) AUTONOMIC NEUROSCIENTIFIC PTY LTD (21) 2025900562 (22) 26.02.2025 (54) APPARATUS AND METHOD FOR IDENTIFICATION AND ABLATION OF ABNORMAL CARDIAC NERVES	(71) Bucci, A. (21) 2025900610 (22) 02.03.2025 (54) Fan gun snow making machine
(71) AgResearch Limited (21) 2025900637 (22) 04.03.2025 (54) Food Products and Methods of Manufacturing Same	(71) Birchlane Pty Ltd (21) 2025900602 (22) 28.02.2025 (54) Repairable plastic pallet	(71) Calix Ltd (21) 2025900543 (22) 25.02.2025 (54) SYSTEMS AND PROCESSES FOR CO2 SEQUESTRATION
Akinloye, C. see Akinloye, T. (21) 2025900555	(71) Breville Pty Limited (21) 2025900600 (22) 28.02.2025 (54) Coffee machine	CAMPBELL, A. see BRIMBLE, M. (21) 2025900615
(71) Akinloye, T.; Akinloye, C. (21) 2025900555 (22) 26.02.2025 (54) SecureProtect AI - Unified Home Security System for Automated Intrusion Defense and Voice-Enabled Event Summaries	(71) Breville Pty Limited (21) 2025900625 (22) 03.03.2025 (54) Carriage assembly for toaster	(71) CAMPBELL, T. (21) 2025900653 (22) 04.03.2025 (54) IMPROVED PAINT BRUSH CLEANER
(71) AMT Bio Pty Ltd (21) 2025900632 (22) 03.03.2025 (54) Humanized anti-KRT14 antibodies and uses thereof	(71) BRIMBLE, M.; STUBBING, L.; HERMANT, Y.; HUBERT, J.; YANG, S.; HARRIS, L.; WARD, V.; KRAUSE, K.; CAMPBELL, A. (21) 2025900615 (22) 03.03.2025 (54) PROTEASE INHIBITOR	(71) CARBOPHITE PTY LTD (21) 2025900594 (22) 28.02.2025 (54) Carbon-Coated Solid Materials Using Coal-Based Precursors and Related Methods
(71) Astrauskas, G. (21) 2025900606 (22) 01.03.2025 (54) ENCLOSED BBQ COVER	(71) Browne, S. (21) 2025900565 (22) 26.02.2025 (54) One App is an AI-powered, voice-controlled digital assistant that streamlines memory recall, task execution, and app integration through natural voice commands. It eliminates mental juggling, reducing stress and boosting productivity. Instantly opens, manages, and retrieves files, notes, and commonly used apps. Integrated with Uber, banking, social media, and more for seamless automation. A revolutionary AI-powered life assistant designed for everyday efficiency.	(71) Caroma Industries Limited (21) 2025900640 (22) 04.03.2025 (54) Bracket assembly for a toilet pan and method
(71) AUTOKEEPERS INTELLECTUAL PROPERTY PTY LTD (21) 2025900584 (22) 27.02.2025 (54) Brand of mechanical shop and chain, Colors, branding name, logo, choice of layout of workshop with included colors of interior of workshop and layout of the office. Types of named repairs that are completed and sold as a package/offer to customers.		(71) Commonwealth Scientific and Industrial Research Organisation (21) 2025900560 (22) 26.02.2025 (54) Safety devices for preventing ignition
		(71) Commonwealth Scientific and Industrial Research Organisation (21) 2025900593 (22) 28.02.2025 (54) METHOD OF FORMING A PHOTO-ACTIVE TITANIA NANOTUBE SEMI-CONDUCTOR ARRAY

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2025900595 (22) 28.02.2025
(54) Quantum computing system

(71) COMPETITIVE EDGE TECHNOLOGY PTY LTD
(21) 2025900567 (22) 26.02.2025
(54) Using AI and BCI (Artificial Intelligence and Brain Computer Interface) technology to monitor brainwave patterns using Electroencephalography (EEG) headsets to establish a candidate's suitability for roles within an organisation, as well as assessing suitability of employees seeking promotion that involves new job related challenges

(71) CQMS PTY LTD
(21) 2025900581 (22) 27.02.2025
(54) SYSTEM AND METHOD OF DETERMINING OCCURRENCE OF AN EVENT ASSOCIATED WITH AN EXCAVATOR WEAR MEMBER

Cruickshank, T. see Djakic, M.
(21) 2025900607

(71) Culin International; Goyal, A.
(21) 2025900619 (22) 03.03.2025
(54) FlexiSpace: Customize Your Perfect Residential and commercial spaces Layout anytime, anywhere

(71) Cunningham, S.
(21) 2025900583 (22) 27.02.2025
(54) Apparatus, Method and System for High Frequency Galvanic Isolation

(71) Davis, R.
(21) 2025900612 (22) 02.03.2025
(54) METHOD & APPARATUS FOR INFUSING POWDERED AMELIORANT INTO THE SOIL PROFILE

Deakin University see Ear Science Institute Australia Incorporated
(21) 2025900631

(71) DGS Property Solutions Pty Ltd
(21) 2025900590 (22) 28.02.2025
(54) Improved Electrolysis Apparatus

(71) Djakic, M.; Cruickshank, T.
(21) 2025900607 (22) 02.03.2025
(54) A Picnic Bag

(71) Ear Science Institute Australia Incorporated; Deakin University
(21) 2025900631 (22) 03.03.2025
(54) Silk-silk composite structures

(71) Edwards, B.
(21) 2025900617 (22) 03.03.2025
(54) Vending System

(71) Elert Limited
(21) 2025900575 (22) 27.02.2025
(54) A DEVICE FOR MONITORING ANIMAL WELFARE

(71) Enzide Technologies Ltd
(21) 2025900641 (22) 04.03.2025
(54) Novel Thermostable Enzymes and Use in Manufacturing

(71) Enzide Technologies Ltd
(21) 2025900642 (22) 04.03.2025
(54) Novel Thermostable Enzymes and Use in Degradation

(71) EPSTEIN, P.
(21) 2025900569 (22) 27.02.2025
(54) A ROOM STATUS DISPLAY AND INSTRUCTION INDICATOR

(71) Everest Metals Corporation Limited
(21) 2025900545 (22) 25.02.2025
(54) Direct Rubidium Extraction

(71) Ezy Brands International Pty Ltd
(21) 2025900646 (22) 04.03.2025
(54) Paper Towel Roll Holder

(71) Fahy, A.
(21) 2025900577 (22) 27.02.2025
(54) Prompting for better results

(71) Fahy, A.
(21) 2025900645 (22) 04.03.2025
(54) Improved system

(71) Future Property Group Solutions Pty Ltd
(21) 2025900546 (22) 25.02.2025
(54) Off-grid power system

(71) Gertrude Biomedical Pty Ltd
(21) 2025900598 (22) 28.02.2025
(54) GBM-1264

(71) Glenn Kelly
(21) 2025900635 (22) 04.03.2025
(54) Distributed Non-Newtonian Fluid Security System for Doors

Goyal, A. see Culin International
(21) 2025900619

Gunarathna, V. see Gunarathna Mudiyan-selage, P.B.G.
(21) 2025900609

(71) Gunarathna Mudiyan-selage, P.B.G.; Gunarathna, V.
(21) 2025900609 (22) 02.03.2025
(54) CREATION OF INTELLIGENT ROBOTS USING THE GRAVITY AND ARTIFICIAL INTELLIGENCE

HARRIS, L. see BRIMBLE, M.
(21) 2025900615

(71) Hart, C.; Innes, J.
(21) 2025900604 (22) 01.03.2025
(54) Screw-Form Survey Marker for Dental Treatment Planning, Surgery and Prosthetics

(71) Health Village Pty Ltd
(21) 2025900647 (22) 04.03.2025
(54) HEALTH INFORMATION EXCHANGE SYSTEM FOR A SOCIAL PRESCRIBING NETWORK

HERMANT, Y. see BRIMBLE, M.
(21) 2025900615

(71) houlden, k.
(21) 2025900623 (22) 03.03.2025
(54) Location history software for police to use to identify suspects for criminal activity, by tracking mobile devices for example phones and other smart devices which gps capabilities. Software that allows police and other governing authorities to access time and place to coincide with a crime that has taken place. For example but not limited to; robbery, theft, violence, kidnapping and crimes of a sexual nature. Could be used in coordination with video footage that may not be so clear, as to further identify a suspect or multiple suspects.

HUBERT, J. see BRIMBLE, M.
(21) 2025900615

Innes, J. see Hart, C.
(21) 2025900604

(71) Jonlo Engineering Pty Ltd; Peake, S.
(21) 2025900548 (22) 26.02.2025
(54) Topologically Protected Multidimensional Quantum Key Distribution (TPMQKD) Protocol

Provisional Applications Filed - Name Index cont'd

(71) Katdan Multiman Pty Ltd
(21) 2025900580 (22) 27.02.2025
(54) A MANIKIN AND METHODS OF USE THEREOF

(71) Khiralla, M.
(21) 2025900549 (22) 26.02.2025
(54) Software idea to play online game and win cash

(71) KIRRAMEA FARMS LIMITED
(21) 2025900638 (22) 04.03.2025
(54) COMBINATIONS, COMPOSITIONS AND METHODS FOR TREATING MASTITIS

(71) Kofoed, S.
(21) 2025900589 (22) 28.02.2025
(54) Cricket batting practice

KRAUSE, K. see BRIMBLE, M.
(21) 2025900615

(71) LENFLO PTY LTD
(21) 2025900551 (22) 26.02.2025
(54) Junction Box Assembly

(71) Lumitex Pty Ltd
(21) 2025900566 (22) 26.02.2025
(54) Lighting Unit

(71) Luxcopia Co.
(21) 2025900634 (22) 03.03.2025
(54) Systems and methods for emitting optical radiation

(71) McMillan, M.
(21) 2025900605 (22) 01.03.2025
(54) Zeta Adaptive Mobilisation (ZAM): A Secure, AI-Driven Satellite and GPS Intelligence System for Real-Time Geospatial Coordination, Blockchain Data Integrity, and National Surveillance

(71) Mineral Technologies Pty Ltd
(21) 2025900570 (22) 27.02.2025
(54) Apparatus and Method for Gate or Splitter Positioning in Bulk Material Separation

(71) Moline, B.
(21) 2025900573 (22) 27.02.2025
(54) Durwall: Modular OSB Permanent Formwork Construction System

(71) Moller, P.
(21) 2025900587 (22) 28.02.2025
(54) Step Indicator

(71) Monash University
(21) 2025900563 (22) 26.02.2025
(54) Extraction and separation of rare earth metals from waste resources

(71) Montefiore, M.
(21) 2025900558 (22) 26.02.2025
(54) Crab Pot Security Device

(71) MORSE MICRO PTY. LTD.
(21) 2025900614 (22) 03.03.2025
(54) Memory Pager System in a Wireless Device

(71) Nanokote Pty Ltd
(21) 2025900639 (22) 04.03.2025
(54) STAIN RESISTANT COATING

(71) nbn co limited
(21) 2025900599 (22) 28.02.2025
(54) Pipe Condition Assessment System

(71) NEOCRETE LIMITED
(21) 2025900561 (22) 26.02.2025
(54) ACTIVATOR ADMIXTURE FOR CEMENT REDUCTION IN SALTWATER CONCRETE COMPOSITIONS

(71) NEOCRETE LIMITED
(21) 2025900564 (22) 26.02.2025
(54) ACTIVATOR ADMIXTURES FOR CEMENT SUBSTITUTION AND ENHANCING BINDING OF MATERIALS IN CONCRETE COMPOSITIONS

(71) NEW AUZI RESEARCH PTY LTD
(21) 2025900574 (22) 27.02.2025
(54) Animal submersible system

(71) NewSouth Innovations Pty Limited
(21) 2025900568 (22) 27.02.2025
(54) Cell culture medium and serum substitute

Northern Sydney Local Health District see The University of Sydney
(21) 2025900627

(71) Nuthalapati, A.
(21) 2025900613 (22) 03.03.2025
(54) A phone case for a smartwatch

(71) Odd, D.
(21) 2025900572 (22) 27.02.2025
(54) Anti-drip Caulking Tube Plunger

(71) Oz-UK Limited
(21) 2025900628 (22) 03.03.2025
(54) Inhalable Formulation

(71) PAPANICOLAOU, A.
(21) 2025900554 (22) 26.02.2025
(54) AN ELECTRICAL CONNECTOR

(71) Pazzaglia, V.
(21) 2025900550 (22) 26.02.2025
(54) TowelEase, a Beach Towel with Secure Storage and Magnetic Anchoring System

Peake, S. see Jonlo Engineering Pty Ltd
(21) 2025900548

(71) Peats Group Ltd
(21) 2025900652 (22) 04.03.2025
(54) APPARATUS AND METHOD FOR COMPOSTING WASTE WITH RE-CIRCULATION OF AIR AND GASEOUS MATERIALS

(71) Polyweld Pty Ltd
(21) 2025900588 (22) 28.02.2025
(54) Load restraint tensioning system

(71) RELECTRIFY HOLDINGS PTY LTD
(21) 2025900552 (22) 26.02.2025
(54) APPARATUS AND SYSTEM FOR ZERO CURRENT SWITCHING

(71) ResMed Pty Ltd
(21) 2025900578 (22) 27.02.2025
(54) An Eye Mask

(71) Reward Minerals Limited
(21) 2025900576 (22) 27.02.2025
(54) Processes to produce potassium, magnesium and calcium sulphate salts from brines

(71) Rossborough, R.
(21) 2025900603 (22) 01.03.2025
(54) FLOG: Interactive Golf-Themed Card Game with Mobile Integration

(71) Shahmoradi, F.
(21) 2025900618 (22) 03.03.2025
(54) AI-Powered Patent Marketplace

(71) SHIELDS, B.
(21) 2025900636 (22) 04.03.2025
(54) A multifaceted wristwatch arrangement

(71) Silver Knot Agency
(21) 2025900620 (22) 03.03.2025
(54) Metamaterial Plasma Transport System for High-Efficiency Object Displacement

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(71) Silver Knot Agency
(21) 2025900622 (22) 03.03.2025
(54) Quantum Cloud Clearing & Adaptive Security System

(71) Silver Knot Agency
(21) 2025900626 (22) 03.03.2025
(54) Electroactive Polymer (EAP) Folding Vehicle Frames

(71) Silver Knot Agency
(21) 2025900633 (22) 03.03.2025
(54) Quantum-Secured, Metamaterial-Enhanced, Energy-Recycling Drone Swarm System

(71) SONICPELLER PTY LTD
(21) 2025900586 (22) 28.02.2025
(54) FILTRATION SYSTEM

(71) Sovran Resources Pty Ltd
(21) 2025900571 (22) 27.02.2025
(54) Recycling Bag

(71) SpinFX Probes
(21) 2025900585 (22) 28.02.2025
(54) NOVEL DUAL-ACTION REDOX-ACTIVE THERAPEUTICS AND DIAGNOSTICS

STUBBING, L. see BRIMBLE, M.
(21) 2025900615

(71) SUNSET IP PTY LTD
(21) 2025900629 (22) 03.03.2025
(54) Worktop

(71) Sweet Cheeks Colon Care Pty Ltd
(21) 2025900621 (22) 03.03.2025
(54) Elite Fibre Cleanse is a natural worming, detoxing parasite cleanse.

Sydney Local Health District see The University of Sydney
(21) 2025900592

(71) Technofast Industries Pty Ltd
(21) 2025900553 (22) 26.02.2025
(54) Radial Fit Coupling Bolts

The Heart Research Institute Limited see The University of Sydney
(21) 2025900592

(71) The University of Melbourne
(21) 2025900557 (22) 26.02.2025
(54) Timber structural member, assembly, reinforcing member and method

(71) The University of Sydney; The Heart Research Institute Limited; Sydney Local Health District
(21) 2025900592 (22) 28.02.2025
(54) A microfluidic device for modelling vasculature activity and a method of forming thereof

(71) The University of Sydney
(21) 2025900616 (22) 03.03.2025
(54) Modified polyhydroxyalkanoates

(71) The University of Sydney; Northern Sydney Local Health District
(21) 2025900627 (22) 03.03.2025
(54) Targeted peptide-based radiotheranostics for cancer therapy

(71) Tobruk Engineering Pty Ltd
(21) 2025900582 (22) 27.02.2025
(54) PATIENT TRANSFER SYSTEM

(71) Tour 27 Pty Ltd
(21) 2025900611 (22) 02.03.2025
(54) Thermal Quantum Energy Cell (TQEC)

(71) Treeby, D.
(21) 2025900559 (22) 26.02.2025
(54) A real-time location-based property listing search system

(71) Treeiage Pty Ltd
(21) 2025900597 (22) 28.02.2025
(54) SYSTEM FOR IMPROVED LAND MANAGEMENT DECISION MAKING

(71) Vater, L.
(21) 2025900579 (22) 27.02.2025
(54) A CLAMP ARRANGEMENT CLAMPABLE TO AN END OF A POST OR RAIL USED IN A BALUSTRADE AND/OR FENCING STRUCTURE

(71) Visionary Machines Pty Ltd
(21) 2025900556 (22) 26.02.2025
(54) DEVICES, SYSTEMS AND/OR METHODS FOR PASSIVE OPTICAL RADAR SENSING FIELD

(71) Wang, C.
(21) 2025900608 (22) 02.03.2025
(54) Easy Lift Tissue Box with Foldable Base for Last Tissue Access

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(21) 2025900615

(71) WEIR MINERALS AUSTRALIA LTD
(21) 2025900650 (22) 04.03.2025
(54) HARDFACING ALLOY COMPOSITION FOR A WELDING WIRE

(71) Willowtree Holdings Pty Ltd
(21) 2025900591 (22) 28.02.2025
(54) STORAGE AND TRANSPORT CONTAINER FOR ANIMAL CARCASSES

(71) Willowtree Holdings Pty Ltd
(21) 2025900596 (22) 28.02.2025
(54) STORAGE AND TRANSPORT CONTAINER FOR ANIMAL CARCASSES

(71) Wright, J.
(21) 2025900624 (22) 03.03.2025
(54) AN ANIMAL FEEDER

(71) XEFCO PTY LTD
(21) 2025900601 (22) 28.02.2025
(54) METHOD AND DEVICE FOR COLLOCATION OF SUBSTRATES

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(21) 2025900615

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2025900548	Jonlo Engineering Pty Ltd; Peake, S.	2025900611	Tour 27 Pty Ltd
2025900549	Khiralla, M.	2025900612	Davis, R.
2025900550	Pazzaglia, V.	2025900613	Nuthalapati, A.
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2025900552	RELECTRIFY HOLDINGS PTY LTD	2025900615	BRIMBLE, M.; STUBBING, L.; HERMANT, Y.; HUBERT, J.; YANG, S.; HARRIS, L.; WARD, V.; KRAUSE, K.; CAMPBELL, A.
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2025900554	PAPANICOLAOU, A.	2025900616	The University of Sydney
2025900555	Akinloye, T.; Akinloye, C.	2025900617	Edwards, B.
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2025900557	The University of Melbourne	2025900619	Culin International; Goyal, A.
2025900558	Montefiore, M.	2025900620	Silver Knot Agency
2025900559	Treeby, D.	2025900621	Sweet Cheeks Colon Care Pty Ltd
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2025900561	NEOCRETE LIMITED	2025900623	houlden, k.
2025900562	AUTONOMIC NEUROSCIENTIFIC PTY LTD	2025900624	Wright, J.
2025900563	Monash University	2025900625	Breville Pty Limited
2025900564	NEOCRETE LIMITED	2025900626	Silver Knot Agency
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2025900566	Lumitex Pty Ltd		
2025900567	COMPETITIVE EDGE TECHNOLOGY PTY LTD	2025900628	Oz-UK Limited
2025900568	NewSouth Innovations Pty Limited	2025900629	SUNSET IP PTY LTD
2025900569	EPSTEIN, P.	2025900631	Ear Science Institute Australia Incorporated; Deakin University
2025900570	Mineral Technologies Pty Ltd	2025900632	AMT Bio Pty Ltd
2025900571	Sovran Resources Pty Ltd	2025900633	Silver Knot Agency
2025900572	Odd, D.	2025900634	Luxcopia Co.
2025900573	Moline, B.	2025900635	Glenn Kelly
2025900574	NEW AUZI RESEARCH PTY LTD	2025900636	SHIELDS, B.
2025900575	Elert Limited	2025900637	AgResearch Limited
2025900576	Reward Minerals Limited	2025900638	KIRRAMEA FARMS LIMITED
2025900577	Fahy, A.	2025900639	Nanokote Pty Ltd
2025900578	ResMed Pty Ltd	2025900640	Caroma Industries Limited
2025900579	Vater, L.	2025900641	Enzide Technologies Ltd
2025900580	Katdan Multiman Pty Ltd	2025900642	Enzide Technologies Ltd
2025900581	CQMS PTY LTD	2025900645	Fahy, A.
2025900582	Tobruk Engineering Pty Ltd	2025900646	Ezy Brands International Pty Ltd
2025900583	Cunningham, S.	2025900647	Health Village Pty Ltd
2025900584	AUTOKEEPERS INTELLECTUAL PROPERTY PTY LTD	2025900649	A.C.N. 621 622 839 PTY. LTD.
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2025900592	The University of Sydney; The Heart Research Institute Limited; Sydney Local Health District		
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2025900595	Commonwealth Scientific and Industrial Research Organisation		
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2025900600	Breville Pty Limited		
2025900601	XEFCO PTY LTD		
2025900602	Birchlane Pty Ltd		
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2025900604	Hart, C.; Innes, J.		
2025900605	McMillan, M.		
2025900606	Astrauskas, G.		
2025900607	Djakic, M.; Cruickshank, T.		

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Applications listed below were processed through the Patent Office Canberra during the period ending 25 Feb 2025 .

. (*) Title not in Roman characters

. (**) Title not given

(71) A.L. Hansen Manufacturing Co.
(21) 2025201411 (22) 27.02.2025
(54) Bar lock assembly

(71) A1 PREFAB PANELS AUSTRALIA PTY LTD; CAI, Q.
(21) 2025201370 (22) 26.02.2025
(54) BOX-TYPE RETRACTABLE INNER FORMWORK FOR MOLDING CONCRETE

(71) Abiomed, Inc.
(21) 2025201436 (22) 27.02.2025
(54) Systems and methods for estimating a position of a heart pump

(71) Abiomed, Inc.
(21) 2025201547 (22) 04.03.2025
(54) Catheter of a heart pump shaped for anatomic fit

(71) Abiomed Europe GmbH
(21) 2025201534 (22) 03.03.2025
(54) Intravascular blood pump

(71) AD MAIORA LLC; GAPMED LIMITED
(21) 2025201551 (22) 04.03.2025
(54) EXOTHERMIC TRANSMUTATION METHOD

(71) Advanced Bariatric Technology, LLC
(21) 2025201449 (22) 28.02.2025
(54) Polymer overmolded bariatric clamp and method of installing

(71) ALLEGIANCE CORPORATION
(21) 2025201585 (22) 04.03.2025
(54) Water-based hydrogel blend coating and method of application to elastomeric articles

(71) Allen, S.
(21) 2025201469 (22) 28.02.2025
(54) Adaptive AI System for Subconscious Cognition, Self-Reflection, and Neuroscientific Goal Tracking.

(71) ALLSHELTER RESERVES PTY LTD
(21) 2025201468 (22) 28.02.2025
(54) ADJUSTABLE JOINING SYSTEM

(71) ALLSHELTER RESERVES PTY LTD
(21) 2025201582 (22) 04.03.2025
(54) Roof System and Components Therefor

(71) Alpine Eagle GmbH
(21) 2025201334 (22) 25.02.2025
(54) Distributed sensor network implemented by swarm of unmanned autonomous vehicles

(71) Amgen Inc.
(21) 2025201348 (22) 25.02.2025
(54) Method of treating or ameliorating metabolic disorders using GLP-1 receptor agonists conjugated to antagonists for gastric inhibitory peptide receptor (GIPR)

(71) Amgen Inc.
(21) 2025201349 (22) 25.02.2025
(54) Combination therapy including a KRASG12C inhibitor and one or more additional pharmaceutically active agents for the treatment of cancers

(71) ANGEL GROUP CO., LTD.
(21) 2025201380 (22) 26.02.2025
(54) Casino system

(71) Animal Ethics Pty Ltd
(21) 2025201523 (22) 03.03.2025
(54) Sterile Stable Pharmaceutical Composition

(71) Anker Innovations Technology Co., Ltd.
(21) 2025201441 (22) 27.02.2025
(54) Power converter with display

(71) Apple Inc.
(21) 2025201394 (22) 27.02.2025
(54) User interfaces for workout content

(71) Architex Corporation Pty Limited
(21) 2025201587 (22) 04.03.2025
(54) A membrane roof system for buildings

(71) Ardelyx, Inc.
(21) 2025201400 (22) 27.02.2025
(54) Glycyrrhetic acid derivatives for treating hyperkalemia

(71) Aristocrat Technologies, Inc.
(21) 2025201374 (22) 26.02.2025
(54) ELECTRONIC GAMING MACHINE POWER MANAGEMENT ARCHITECTURES

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025201379 (22) 26.02.2025
(54) CONTROLLED RETURN TO PLAYER IN A SKILL-BASED WAGERING GAME

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025201388 (22) 26.02.2025
(54) WAGER MACHINE WITH AN EVENT TRIGGERED BASED ON TRADED SYMBOLS

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025201489 (22) 28.02.2025
(54) COMBINED WEIGHTED WHEEL WITH SECONDARY FEATURE

(71) Arrowhead Pharmaceuticals, Inc.
(21) 2025201499 (22) 28.02.2025
(54) RNAi agents and compositions for inhibiting expression of angiopoietin-like 3 (ANGPTL3), and methods of use

(71) Assurant, Inc.
(21) 2025201461 (22) 28.02.2025
(54) APPARATUS AND METHOD FOR RESOURCE ALLOCATION PREDICTION AND MODELING, AND RESOURCE ACQUISITION OFFER GENERATION, ADJUSTMENT AND APPROVAL

AstraZeneca AB see Ionis Pharmaceuticals, Inc.
(21) 2025201434

(71) Atea Pharmaceuticals, Inc.
(21) 2025201543 (22) 03.03.2025
(54) Nucleotide hemi-sulfate salt for the treatment of hepatitis C virus

(71) ATI Properties LLC
(21) 2025201384 (22) 26.02.2025
(54) Creep Resistant Titanium Alloys

Complete Applications Filed - Name Index cont'd

(71) Ausco Modular Pty Limited
(21) 2025201452 (22) 28.02.2025
(54) Construction of Building Structures Including Weatherproofed Boundaries Therein

(71) Australian Solar Protection Pty Ltd
(21) 2025201446 (22) 27.02.2025
(54) SOLAR MESH ATTACHMENT CLIP AND ASSEMBLY

(71) Avedro, Inc.
(21) 2025201562 (22) 04.03.2025
(54) SYSTEMS AND METHODS FOR EYE TRACKING DURING EYE TREATMENT

(71) AZL Holdings Pty Ltd
(21) 2025201365 (22) 26.02.2025
(54) Crane protection barrier

(71) BASF SE
(21) 2025201427 (22) 27.02.2025
(54) Herbicidal phenylethers

(71) Battelle Memorial Institute
(21) 2025201424 (22) 27.02.2025
(54) Enhanced Microchannel or Mesochannel Devices and Methods of Additively Manufacturing the Same

(71) Baxter Healthcare SA; Baxter International Inc.
(21) 2025201368 (22) 26.02.2025
(54) PARENTERAL NUTRITION FORMULATION

Baxter Healthcare SA see Baxter International Inc.
(21) 2025201485

Baxter International Inc. see Baxter Healthcare SA
(21) 2025201368

(71) Baxter International Inc.; Baxter Healthcare SA
(21) 2025201485 (22) 28.02.2025
(54) GRAPH DATABASE FOR OUTBREAK TRACKING AND MANAGEMENT

(71) BayMedica, Inc.
(21) 2025201552 (22) 04.03.2025
(54) Recombinant production systems for prenylated polyketides of the cannabinoid family

Beijing Hanmi Pharmaceutical Co., Ltd. see Innovent Biologics (Suzhou) Co., Ltd.
(21) 2025201510

(71) Beijing Volcano Engine Technology Co., Ltd.
(21) 2025201396 (22) 27.02.2025
(54) Traffic scheduling method, apparatus, device, storage medium, and program product

(71) Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd.
(21) 2025201351 (22) 25.02.2025
(54) Ribose-modified cap analog and use thereof

(71) BITO-Lagertechnik Bittmann GmbH
(21) 2025201544 (22) 03.03.2025
(54) Traverse for a shelf with receiving elements for panels

(71) Bosch Automotive Products (Suzhou) Co. Ltd.
(21) 2025201559 (22) 04.03.2025
(54) Vehicle control method, controller, suspension control system, storage medium

(71) Brady Worldwide, Inc.
(21) 2025201435 (22) 27.02.2025
(54) Electric vehicle (EV) lockout apparatuses and methods

(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2025201372 (22) 26.02.2025
(54) CRYSTALLINE FORMS OF A PAR4 INHIBITOR

CAI, Q. see A1 PREFAB PANELS AUSTRALIA PTY LTD
(21) 2025201370

(71) CANARY MEDICAL SWITZERLAND AG
(21) 2025201476 (22) 28.02.2025
(54) PROVIDING MEDICAL DEVICES WITH SENSING FUNCTIONALITY

(71) Case Western Reserve University
(21) 2025201403 (22) 27.02.2025
(54) Compositions and methods for treating renal injury

(71) CATERPILLAR INC.
(21) 2025201373 (22) 26.02.2025
(54) SYSTEM AND METHOD FOR DETECTING SPILLAGE FROM MACHINES

(71) Central Painting Inc.
(21) 2025201549 (22) 04.03.2025
(54) Systems, methods, and devices for integrated web-based task management

Children's Medical Center Corporation see Ospedale San Raffaele S.r.l.
(21) 2025201558

(71) Cirtex Group Holdings Limited
(21) 2025201471 (22) 28.02.2025
(54) IMPROVED SHELLFISH SOCK

Cohen, M. see Sagentia Ltd
(21) 2025201473

Cohen, M. see Sagentia Ltd
(21) 2025201475

Cohen, M. see Sagentia Ltd
(21) 2025201477

(71) Colgate-Palmolive Company
(21) 2025201371 (22) 26.02.2025
(54) Oral care compositions with amine fluorides

(71) Colgate-Palmolive Company
(21) 2025201557 (22) 04.03.2025
(54) Skin care compositions comprising vitamin E and vitamin B3

(71) Combioxin SA
(21) 2025201451 (22) 28.02.2025
(54) Treatment of pneumonia

Dana-Farber Cancer Institute, Inc. see Ospedale San Raffaele S.r.l.
(21) 2025201558

(71) DD Dannar LLC
(21) 2025201540 (22) 03.03.2025
(54) Mobile platform systems and methods

(71) Dexcom, Inc.
(21) 2025201387 (22) 26.02.2025
(54) Wearable apparatus for continuous blood glucose monitoring

(71) Diogenes Limited
(21) 2025201404 (22) 27.02.2025
(54) Pool wagering apparatus, methods and systems

(71) Dolby International AB
(21) 2025201486 (22) 28.02.2025
(54) Method for and apparatus for decoding an ambisonics audio soundfield representation

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entation for audio playback using 2D setups	(54) CONDUIT CONNECTOR FOR A PATIENT BREATHING DEVICE	(71) Georg Fischer Rohrleitungssysteme AG (21) 2025201556 (22) 04.03.2025 (54) Securing element
(71) DRAEGER SAFETY AG & CO. KGAA (21) 2025201442 (22) 27.02.2025 (54) Gas-measuring device with a sensor and with multiple gas inlets as well as actuation arrangement, operating method, and measuring method for such a gas-measuring device	(71) Flexible Steel Lacing Company (21) 2025201482 (22) 28.02.2025 (54) APPARATUS AND METHOD FOR MONITORING CONVEYOR SYSTEMS	(71) GIANT MANUFACTURING CO., LTD. (21) 2025201358 (22) 26.02.2025 (54) TRAFFIC WARNING SYSTEM, COMPUTER-READABLE MEDIUM USING THE SAME AND OPERATION METHOD THEREOF
(71) École de Technologie Supérieure (21) 2025201541 (22) 03.03.2025 (54) Method and system for measuring in-ear effective sound exposure under an earplug or without an earplug and for determining a wearer induced disturbance	(71) Fludder, C. (21) 2025201412 (22) 27.02.2025 (54) Cranial Plagiometer	(71) GlassFit Australia Pty Ltd (21) 2025201390 (22) 26.02.2025 (54) AN ELECTRICALLY INSULATED SPIGOT LINER AND METHOD OF USE THEREOF
(71) Edmondson, J. (21) 2025201377 (22) 26.02.2025 (54) METHOD OF AND APPARATUS FOR REHABILITATION OF CORAL REEFS	Fondazione Telethon see Ospedale San Raffaele S.r.l. (21) 2025201558	(71) Haver & Boecker Latinoamericana Máquinas Ltda (21) 2025201495 (22) 28.02.2025 (54) System, equipment, and procedure for monitoring, predictive maintenance, and operational optimization of vibrating screeners
(71) Eli Lilly and Company (21) 2025201479 (22) 28.02.2025 (54) Chronic Nightly Dosing Of Lasmiditan For Migraine Prevention	(71) Fortescue Ltd (21) 2025201488 (22) 28.02.2025 (54) Train unloading system	(71) HAZEMAG & EPR GmbH (21) 2025201378 (22) 26.02.2025 (54) Method for operating a material crushing plant
(71) eMetric Pty Ltd (21) 2025201401 (22) 27.02.2025 (54) A COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR TESTING THE ACCURACY OF A ROAD SAFETY CAMERA	(71) Fred IT Group Pty Ltd (21) 2025201492 (22) 28.02.2025 (54) TRACKING THE FILLING OF PRESCRIPTIONS	(71) HBI Branded Apparel Enterprises, LLC (21) 2025201357 (22) 26.02.2025 (54) UNDERWEAR FOR MALES
(71) Endless Road Holdings Pty Ltd (21) 2025201508 (22) 28.02.2025 (54) Ball launching apparatus and associated method	GAPMED LIMITED see AD MAIORA LLC (21) 2025201551	(71) Hefei Sungrow Information Technology Co., Ltd. (21) 2025201410 (22) 27.02.2025 (54) System for monitoring power station and method for establishing the same
(71) EXEL INDUSTRIES (21) 2025201586 (22) 04.03.2025 (54) Spraying system comprising a nozzle holder with a vibration sensor	(71) Garock Pty Ltd (21) 2025201501 (22) 28.02.2025 (54) Improvements In Or Relating To Rock Bolts	(71) Heye International GmbH (21) 2025201507 (22) 28.02.2025 (54) Mold Assembly For An IS Machine
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(71) Fisher & Paykel Healthcare Limited (21) 2025201437 (22) 27.02.2025 (54) A collapsible conduit, patient interface and headgear connector	(71) General Electric Company (21) 2025201456 (22) 28.02.2025 (54) Sucker rod pumping unit and method of operation	(71) Hitachi Construction Machinery Co., Ltd. (21) 2025201382 (22) 26.02.2025 (54) TRANSPORT VEHICLE AND VEHICLE CONTROL SYSTEM
(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2025201444 (22) 27.02.2025	(71) Genzyme Corporation (21) 2025201381 (22) 26.02.2025 (54) Enhanced delivery of viral particles to the striatum and cortex	(71) Hollister Incorporated (21) 2025201385 (22) 26.02.2025 (54) Reusable urinary catheter products
	(71) Genzyme Corporation (21) 2025201416 (22) 27.02.2025 (54) Methods of culturing a mammalian cell	(71) Howmedica Osteonics Corp. (21) 2025201408 (22) 27.02.2025

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(54) Reverse shoulder systems

(71) Hussmann Corporation
(21) 2025201458 (22) 28.02.2025
(54) Break-away door handle

(71) Hysential Pty Ltd
(21) 2025201545 (22) 03.03.2025
(54) Tamper-Proof Hygiene Dispenser

(71) HYTORC Division UNEX Corporation
(21) 2025201503 (22) 28.02.2025
(54) A reaction washer and its fastening socket

(71) ICU Medical, Inc.
(21) 2025201438 (22) 27.02.2025
(54) Synchronized display of screen content on networked devices

(71) ICU Medical, Inc.
(21) 2025201445 (22) 27.02.2025
(54) Pressure-regulating vial adaptors

(71) IGT
(21) 2025201347 (22) 25.02.2025
(54) SKILL BASED WHEEL MODIFIERS

(71) Illinois Tool Works Inc.
(21) 2025201464 (22) 28.02.2025
(54) A screw fastener

(71) Illinois Tool Works Inc.
(21) 2025201535 (22) 03.03.2025
(54) Truss assembly table

(71) Illinois Tool Works Inc.
(21) 2025201588 (22) 04.03.2025
(54) Nut with injection port for reinforcing bar

(71) Ingenious Ingredients, LP
(21) 2025201584 (22) 04.03.2025
(54) Compositions and methods of use thereof to promote muscle growth and function

(71) Innovent Biologics (Suzhou) Co., Ltd.; Beijing Hanmi Pharmaceutical Co., Ltd.
(21) 2025201510 (22) 28.02.2025
(54) Preparation comprising anti-PD-1/HER2 bispecific antibody, and preparation method therefor and use thereof

(71) Intuit Inc.
(21) 2025201453 (22) 28.02.2025
(54) Method and system for automatically extracting relevant tax terms from forms and instructions

(71) Intuit Inc.
(21) 2025201493 (22) 28.02.2025
(54) Automated extraction of brand voice attributes for generation of content in brand voice through machine learning

(71) Intuit Inc.
(21) 2025201494 (22) 28.02.2025
(54) Automated generation of content in brand voice through machine learning

(71) Ionis Pharmaceuticals, Inc.; AstraZeneca AB
(21) 2025201434 (22) 27.02.2025
(54) PHARMACEUTICAL COMPOSITIONS COMPRISING AN ANTISENSE OLIGONUCLEOTIDE FOR ORAL ADMINISTRATION

(71) Janssen Pharmaceutica NV
(21) 2025201448 (22) 28.02.2025
(54) Use of FGFR mutant gene panels in identifying cancer patients that will be responsive to treatment with an FGFR inhibitor

Jiangnan University see Sohao FD-Tech Co., Ltd.
(21) 2025201425

(71) Jiangsu Lipu Traffic Lighting Co., Ltd.
(21) 2025201546 (22) 03.03.2025
(54) PV-ESS-CHARGING SMART STREET LAMP WITH INTELLIGENTLY-ADJUSTING SOLAR PANEL AND LIGHT EFFECT CONTROL METHOD

(71) Jiangsu XCMG State Key Laboratory Technology Co., Ltd.
(21) 2025201343 (22) 25.02.2025
(54) Signal modulation method, signal transmission method, and related apparatuses

(71) KANGLIN BIOTECHNOLOGY (HANGZHOU) CO., LTD.
(21) 2025201572 (22) 04.03.2025
(54) Nucleic acid construct for increasing adeno-associated virus yield, and construction method therefor

(71) Karthik Enterprises
(21) 2025201345 (22) 25.02.2025
(54) A TUBULAR DOUBLE WEAVING METHOD TO PRODUCE A SEAMLESS CIRCULAR FABRIC

(71) Kemilä, T.
(21) 2025201542 (22) 03.03.2025

(54) COMPREHENSIVE SUN PROTECTIVE HEAD COVERING

(71) Keros Therapeutics, Inc.
(21) 2025201554 (22) 04.03.2025
(54) GDNF fusion polypeptides and methods of use thereof

(71) Knappco LLC
(21) 2025201481 (22) 28.02.2025
(54) Position based smart elbow crossover protection system

(71) Kraftanlagen Energies & Services SE
(21) 2025201491 (22) 28.02.2025
(54) HEATING DEVICE, HEATING SYSTEM, HEAT STORAGE DEVICE AND HEAT STORAGE SYSTEM

(71) Kraftpack (Hubei) Industrial Co., Ltd.
(21) 2025201467 (22) 28.02.2025
(54) Corrugated paper cup

(71) Kurita Water Industries Ltd.; Hitachi, Ltd.
(21) 2025201399 (22) 27.02.2025
(54) Management system, management device, management method, and management program

(71) Lam, T.T.
(21) 2025201515 (22) 02.03.2025
(54) FLOATING SOLAR ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2025201516 (22) 02.03.2025
(54) FLOATING SOLAR ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2025201517 (22) 02.03.2025
(54) FLOATING SOLAR ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2025201518 (22) 02.03.2025
(54) FLOATING SOLAR ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2025201519 (22) 02.03.2025
(54) FLOATING SOLAR ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2025201520 (22) 02.03.2025
(54) FLOATING WIND ENERGY SYSTEMS

Complete Applications Filed - Name Index cont'd

(71) LG Electronics Inc.
(21) 2025201423 (22) 27.02.2025
(54) TRANSFORM FOR MATRIX-BASED
INTRA-PREDICTION IN IMAGE COD-
ING

(71) LG Electronics Inc.
(21) 2025201528 (22) 03.03.2025
(54) LAUNDRY TREATING APPARATUS

(71) LG ELECTRONICS INC.
(21) 2025201389 (22) 26.02.2025
(54) Refrigerator

(71) Liberation Developments Pty Ltd
(21) 2025201504 (22) 28.02.2025
(54) A WEIGHTED SUPPORT ASSEMBLY

(71) Lifewood International Pty Ltd
(21) 2025201414 (22) 27.02.2025
(54) Composite substrate and method for
producing same

(71) Lightsense Israel LTD.
(21) 2025201419 (22) 27.02.2025
(54) Improvements in and to methods and
apparatus for removal of skin pigmenta-
tion and tattoo ink

(71) Living in Sunshine LLC
(21) 2025201571 (22) 04.03.2025
(54) Rack for sport boards

(71) Lone Gull Holdings, Ltd.
(21) 2025201360 (22) 26.02.2025
(54) Self-powered, self-propelled compute
grid with loop topology

(71) LumaCyte LLC
(21) 2025201366 (22) 26.02.2025
(54) Advanced biophysical and biochemic-
al cellular monitoring and quantification
using laser force cytology

(71) MA Industries, LLC
(21) 2025201538 (22) 03.03.2025
(54) Crop input application systems, meth-
ods, and apparatus

(71) MAKO Surgical Corp.
(21) 2025201460 (22) 28.02.2025
(54) Surgical systems and methods for
identifying tools guided by surgical ro-
bots

(71) Manthorpe Building Products Limited
(21) 2025201409 (22) 27.02.2025
(54) EAVES VENT

(71) McLaren Applied Limited
(21) 2025201490 (22) 28.02.2025
(54) Time synchronisation

(71) Mexichem Fluor S.A. de C.V.
(21) 2025201344 (22) 25.02.2025
(54) Methods of Preparing Fluorinated Alco-
hols

(71) Monsanto Technology LLC
(21) 2025201432 (22) 27.02.2025
(54) Herbicidal compositions

(71) Mooch It Pty Ltd
(21) 2025201502 (22) 28.02.2025
(54) PEER-TO-PEER LOAN SYSTEM AND
PROCESS

(71) MSA Technology, LLC
(21) 2025201443 (22) 27.02.2025
(54) Operation of combustible gas sensor in
a dynamic mode with a constant resist-
ance setpoint

(71) NANOGAP SUB-NM-POWDER, S.A.
(21) 2025201553 (22) 04.03.2025
(54) METHODS OF PREPARING PURIFIED
ATOMIC QUANTUM CLUSTERS

(71) Neurocentria, Inc.
(21) 2025201393 (22) 27.02.2025
(54) Magnesium threonate compositions
and uses thereof

**New York University see Yeda Research
and Development Co. Ltd.**
(21) 2025201525

(71) NIPPON SHOKUBAI CO., LTD.
(21) 2025201483 (22) 28.02.2025
(54) Cell culture sheet

(71) Nunhems Netherlands B.V.
(21) 2025201462 (22) 28.02.2025
(54) Onion variety NUN 03019 ONS

(71) Nunhems Netherlands B.V.
(21) 2025201531 (22) 03.03.2025
(54) Melon variety NUN 16722 MEM

(71) NUSEED NUTRITIONAL US INC.
(21) 2025201537 (22) 03.03.2025
(54) DHA Enriched Polyunsaturated Fatty
Acid Compositions

(71) Nuvera Fuel Cells, LLC
(21) 2025201367 (22) 26.02.2025
(54) PEM FUEL CELLS WITH IMPROVED
FLUID FLOW DESIGN

(71) OilQuick Deutschland KG
(21) 2025201369 (22) 26.02.2025
(54) ROTATING AND/OR SWIVELLING
UNIT

(71) Ospedale San Raffaele S.r.l.; Politec-
nico di Milano; Fondazione Telethon;
Dana-Farber Cancer Institute, Inc.;
Children's Medical Center Corporation
(21) 2025201558 (22) 04.03.2025
(54) Compositions and methods for treating
diseases and disorders of the central
nervous system

(71) Oticara, Inc.
(21) 2025201524 (22) 03.03.2025
(54) Method for treating nasal, sinonasal,
and nasopharyngeal tissue infection
and/or inflammation

(71) OxiWear, Inc.
(21) 2025201555 (22) 04.03.2025
(54) WEARABLE EARPIECE OXYGEN
MONITOR

(71) Pact Group Industries (ANZ) Pty Ltd
(21) 2025201498 (22) 28.02.2025
(54) TAMPER EVIDENT CONTAINER

(71) Papyrus Australia Limited
(21) 2025201496 (22) 28.02.2025
(54) PRODUCTION OF A MOULDABLE
CELLULOSIC FIBROUS PULP

(71) PATIL, R.S.
(21) 2025201487 (22) 28.02.2025
(54) SYSTEM AND METHOD FOR FA-
CILITATING TRANSACTION OF AT
LEAST ONE OF A PRODUCT AND A
SERVICE

(71) Pipeline Medical Technologies, Inc.
(21) 2025201566 (22) 04.03.2025
(54) METHOD AND APPARATUS FOR
MITRAL VALVE CHORD REPAIR

(71) Polaris Industries Inc.
(21) 2025201406 (22) 27.02.2025
(54) BOAT STORAGE SYSTEM FOR
BOATING ACCESSORIES Inventor(s)

**Politecnico di Milano see Ospedale San
Raffaele S.r.l.**
(21) 2025201558

(71) Puraffinity Ltd
(21) 2025201375 (22) 26.02.2025
(54) Modified polyamines grafted to a partic-
ulate, solid support as sorbent materials

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for removal of target substances from fluids

(71) Qualcomm Incorporated
(21) 2025201433 (22) 27.02.2025
(54) DYNAMIC HYBRID AUTOMATIC REPEAT REQUEST (HARQ) CODEBOOK FOR MULTI-TRANSMIT RECEIVE POINT (TRP) COMMUNICATION

(71) R.P. Scherer Technologies, LLC
(21) 2025201402 (22) 27.02.2025
(54) Enteric softgel capsules

(71) RAJARATNAM, K.
(21) 2025201529 (22) 03.03.2025
(54) MECHANICAL HEART VALVE INSERTION VIA THE CATHETER

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025201454 (22) 28.02.2025
(54) Antigen-binding proteins that antagonize leptin receptor

(71) Rexasitt Italia S.r.l.
(21) 2025201548 (22) 04.03.2025
(54) Chair for the sitting of a user and method of mounting said chair

(71) REZICAST SOLUTIONS PTY LTD
(21) 2025201405 (22) 27.02.2025
(54) CONSTRUCTION OF A BUILDING USING PRECAST PANELS

(71) Road Safety Reminder Pty Ltd
(21) 2025201506 (22) 28.02.2025
(54) A Software Program to Increase the Effectiveness of a VCU

(71) Rovi Guides, Inc.
(21) 2025201497 (22) 28.02.2025
(54) System and methods for navigating internet appliances using a media guidance application

(71) Royal Bank of Canada
(21) 2025201583 (22) 04.03.2025
(54) Synchronized processing of data by networked computing resources

(71) Sagentia Ltd
(21) 2025201466 (22) 28.02.2025
(54) Hydrocyclone contactor for carbon dioxide removal

(71) Sagentia Ltd; Cohen, M.
(21) 2025201473 (22) 28.02.2025
(54) Atmospheric CO2 removal system

(71) Sagentia Ltd; Cohen, M.
(21) 2025201475 (22) 28.02.2025
(54) Multi-modal air purification system with flexible manifold

(71) Sagentia Ltd; Cohen, M.
(21) 2025201477 (22) 28.02.2025
(54) Multi-modal air purification system with different absorbers for different loading requirements

(71) SAGENTIA LTD.
(21) 2025201465 (22) 28.02.2025
(54) Modular grooved contactor stacks for carbon dioxide removal

(71) Sakata Seed Corporation
(21) 2025201391 (22) 27.02.2025
(54) INBRED BROCCOLI LINE BP-2

(71) Sakata Seed Corporation
(21) 2025201392 (22) 27.02.2025
(54) INBRED BROCCOLI LINE BP-1

(71) Salford Group Inc.
(21) 2025201397 (22) 27.02.2025
(54) AIR BOOM SPREADER FOR PARTICULATE MATERIAL AND AIR BOOM ASSEMBLY AND DROP TUBE THEREFOR

(71) Salford Group Inc.
(21) 2025201398 (22) 27.02.2025
(54) BIDIRECTIONAL BOOM HINGE FOR BOOM SPREADER

(71) Sangamo Therapeutics, Inc.
(21) 2025201530 (22) 03.03.2025
(54) Methods and compositions for the treatment of rare diseases

(71) SAP SE
(21) 2025201355 (22) 25.02.2025
(54) Non-uniform pagination of columnar data

(71) Saronic Technologies
(21) 2025201560 (22) 04.03.2025
(54) Vision system for maritime vehicle

(71) Saronic Technologies
(21) 2025201561 (22) 04.03.2025
(54) Micro-keel cooler for maritime vehicle

(71) Schlage Lock Company LLC
(21) 2025201459 (22) 28.02.2025
(54) ROTATION CONVERTER

(71) SCHNEIDER ELECTRIC USA, INC.
(21) 2025201512 (22) 01.03.2025
(54) SIGNAL EXTRACTION AND ALARMING FOR ENERGY MANAGEMENT

(71) SCHNEIDER ELECTRIC USA, INC.
(21) 2025201513 (22) 01.03.2025
(54) METHODS AND SYSTEMS FOR ENERGY ANALYTICS

(71) SCHNEIDER ELECTRIC USA, INC.
(21) 2025201550 (22) 04.03.2025
(54) AUTOMATIC ASSESSMENT OF ELECTRICAL UNBALANCE ON THREE-PHASE LOADS

(71) SENSE2 PTY LTD
(21) 2025201354 (22) 25.02.2025
(54) 3D STACKED NEUROMORPHIC PHOTONIC AI ACCELERATOR WITH ULTRA LOW LATENCY, OPTICAL BRIDGING, ADAPTIVE NEUROMORPHIC LEARNING, AND MULTI LAYERED ON CHIP SECURITY FOR AUTONOMOUS SYSTEMS, ROBOTICS, AND TELECOMMUNICATIONS

(71) SENSE2 PTY LTD
(21) 2025201511 (22) 01.03.2025
(54) 3D STACKED NEUROMORPHIC PHOTONIC AI ACCELERATOR WITH ULTRA LOW LATENCY, OPTICAL BRIDGING, ADAPTIVE NEUROMORPHIC LEARNING, AND MULTI LAYERED ON CHIP SECURITY FOR AUTONOMOUS SYSTEMS, ROBOTICS, TELECOMMUNICATIONS, AND HEALTHCARE APPLICATIONS

(71) SENSE2 PTY LTD
(21) 2025201514 (22) 02.03.2025
(54) 3D STACKED NEUROMORPHIC PHOTONIC AI ACCELERATOR WITH ULTRA LOW LATENCY, OPTICAL BRIDGING, ADAPTIVE NEUROMORPHIC LEARNING, AND MULTI LAYERED ON CHIP SECURITY FOR AUTONOMOUS SYSTEMS, ROBOTICS, TELECOMMUNICATIONS, AND HEALTHCARE APPLICATIONS

(71) SENSE2 PTY LTD
(21) 2025201521 (22) 02.03.2025
(54) 3D STACKED NEUROMORPHIC PHOTONIC AI ACCELERATOR WITH ULTRA LOW LATENCY, OPTICAL BRIDGING, ADAPTIVE NEUROMORPHIC LEARNING, AND MULTI LAYERED ON CHIP SECURITY FOR AUTONOMOUS SYSTEMS, ROBOTICS, TELECOMMUNICATIONS, AND HEALTHCARE APPLICATIONS

Complete Applications Filed - Name Index cont'd

(71) SENSE2 PTY LTD
(21) 2025201526 (22) 03.03.2025
(54) 3D STACKED NEUROMORPHIC PHOTONIC AI ACCELERATOR WITH ULTRA LOW LATENCY, OPTICAL BRIDGING, ADAPTIVE NEUROMORPHIC LEARNING, AND MULTI LAYERED ON CHIP SECURITY FOR AUTONOMOUS SYSTEMS, ROBOTICS, TELECOMMUNICATIONS, AND HEALTHCARE APPLICATIONS

(71) ServiceNow, Inc.
(21) 2025201440 (22) 27.02.2025
(54) Systems and methods for generating workflows based on natural language inputs using large language models

(71) Shanghai Technical Institute of Electronics and Information
(21) 2025201386 (22) 26.02.2025
(54) UNMANNED AERIAL VEHICLE FLIGHT CONTROL SYSTEM AND METHOD THEREOF

(71) SharkNinja Operating LLC
(21) 2025201383 (22) 26.02.2025
(54) SURFACE CLEANING APPARATUS

(71) Simpson Strong-Tie Company Inc.
(21) 2025201478 (22) 28.02.2025
(54) Fastener Installation Tools, Systems And Methods

(71) Simpson Strong-Tie Company Inc.
(21) 2025201480 (22) 28.02.2025
(54) Fastener Installation Tools, Systems And Methods

(71) SmartWash Solutions, LLC
(21) 2025201342 (22) 25.02.2025
(54) Microbial control system

(71) SOAPERY PTY LTD
(21) 2025201353 (22) 25.02.2025
(54) A SHOWER HEAD ATTACHMENT

(71) Sohao FD-Tech Co., Ltd.; Jiangnan University
(21) 2025201425 (22) 27.02.2025
(54) Preparation method of 3D printed easy-to-swallow cereal-based food based on special shape

(71) SolarWinds WorldWide, LLC
(21) 2025201539 (22) 03.03.2025
(54) Security risk level assessment of assets and software components

(71) Solo Pace Inc.
(21) 2025201361 (22) 26.02.2025

(54) SYSTEMS, METHODS, AND APPARATUS FOR EXTERNAL CARDIAC PACING

(71) Solspan Pty Ltd
(21) 2025201472 (22) 28.02.2025
(54) Double or single sided sheet metal thin film solar panel

(71) Sophos Limited
(21) 2025201500 (22) 28.02.2025
(54) Using Machine-Learning Models to Identify Suspicious Content

(71) Spiryagin, M.
(21) 2025201527 (22) 03.03.2025
(54) Physics-based and data-driven digital twin for vehicle maintenance and complex operational performance tasks

(71) Splotch Watch Australia
(21) 2025201522 (22) 02.03.2025
(54) The Splotch Watch which is a wrist band with a holder to carry sunscreen or medication

(71) STELO BIOTECHNOLOGY CO., LTD.
(21) 2025201484 (22) 28.02.2025
(54) PROTEIN SUBSTRATE TO BIND GROWTH FACTOR

(71) Sumitomo Pharma America, Inc.
(21) 2025201505 (22) 28.02.2025
(54) PIM kinase inhibitors for treatment of myeloproliferative neoplasms and fibrosis associated with cancer

(71) Superior Pak Holdings Pty Ltd
(21) 2025201413 (22) 27.02.2025
(54) DETECTION SYSTEM FOR FRONT OF A VEHICLE

(71) Superior Plastics Extrusion Co. Inc. DBA Impact Plastics
(21) 2025201362 (22) 26.02.2025
(54) Barrier-enhanced polymeric film structures, methods of preparation, and articles thereof

(71) Syngenta Crop Protection AG
(21) 2025201376 (22) 26.02.2025
(54) Methods of producing sugar cane transplant units

(71) Techtronic Cordless GP
(21) 2025201509 (22) 28.02.2025
(54) Work Implement Storage System

(71) Techtronic Cordless GP
(21) 2025201570 (22) 04.03.2025

(54) Storage Compatible Transformable Creeper

(71) Terra Quantum AG
(21) 2025201395 (22) 27.02.2025
(54) A method and system for training hybrid quantum-classical machine learning models

(71) The Boeing Company
(21) 2025201364 (22) 26.02.2025
(54) Methods and systems for reinforcing additively manufactured structures

(71) The Johns Hopkins University
(21) 2025201352 (22) 25.02.2025
(54) MRI-compatible implantable wireless diagnostic and therapeutic ultrasound

(71) THE PROCTER & GAMBLE COMPANY
(21) 2025201447 (22) 28.02.2025
(54) ORAL CARE ARTICLE COMPRISING A HYDROPHOBIC DELIVERY CARRIER AND SOLID HYDROPHILIC PARTICLES COMPRISING A BLEACHING AGENT

(71) The Schepens Eye Research Institute, Inc.
(21) 2025201563 (22) 04.03.2025
(54) Compositions and methods for prevention and treatment of corneal haze and scarring

(71) Think Surgical, Inc.
(21) 2025201431 (22) 27.02.2025
(54) Workflow control with tracked devices

(71) thyssenkrupp nucera AG & Co. KGaA
(21) 2025201415 (22) 27.02.2025
(54) Electrolytic Cell

(71) TigaTX, Inc.
(21) 2025201363 (22) 26.02.2025
(54) Anti-GD2 antibody for the treatment of neuroblastoma

(71) TONGWEI SOLAR (CHENGDU) CO., LTD.
(21) 2025201417 (22) 27.02.2025
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE

(71) TONGWEI SOLAR (CHENGDU) CO., LTD.
(21) 2025201418 (22) 27.02.2025
(54) METAL-SEMICONDUCTOR CONTACT STRUCTURE AND PREPARATION METHOD THEREFOR, SOLAR CELL, SOLAR CELL STRING AND PREPAR-

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ATION METHOD THEREFOR, AND
PHOTOVOLTAIC MODULE

(71) TONGWEI SOLAR (CHENGDU) CO.,
LTD.
(21) 2025201421 (22) 27.02.2025
(54) METAL-SEMICONDUCTOR CONTACT
STRUCTURE, SOLAR CELL AND
PHOTOVOLTAIC MODULE

(71) TONGWEI SOLAR (CHENGDU) CO.,
LTD.
(21) 2025201426 (22) 27.02.2025
(54) COMPOSITE ADHESIVE FILM, METH-
OD FOR PREPARING SAME, AND
PHOTOVOLTAIC MODULE

(71) TONGWEI SOLAR (CHENGDU) CO.,
LTD.
(21) 2025201429 (22) 27.02.2025
(54) PHOTOVOLTAIC MODULE AND MAN-
UFACTURING METHOD THEREOF

(71) TONGWEI SOLAR (HEFEI) CO., LTD.
(21) 2025201430 (22) 27.02.2025
(54) SOLAR CELL STRUCTURE AND
PHOTOVOLTAIC MODULE

(71) TPE MIDSTREAM LLC
(21) 2025201428 (22) 27.02.2025
(54) DIFFERENTIAL PRESSURE
SENSORS, CONTROL, AND ASSOCI-
ATED METHODS

(71) Transportation IP Holdings, LLC
(21) 2025201532 (22) 03.03.2025
(54) VEHICLE CONTROL SYSTEMS AND
METHODS

(71) Vanzuita, M.
(21) 2025201474 (22) 28.02.2025
(54) Lightwave Processing Framework:
Wavelength-Based Data Processing
and Execution

(71) Vaxess Technologies, Inc.
(21) 2025201422 (22) 27.02.2025
(54) Microneedle comprising silk fibroin ap-
plied to a dissolvable base

(71) Vetco Gray Scandinavia AS
(21) 2025201565 (22) 04.03.2025
(54) SUBSEA CLOSED LOOP COOLING
SYSTEM

(71) VIG AUSTRALIA PTY LTD
(21) 2025201407 (22) 27.02.2025
(54) Adjustable door frame

(71) Voltex Electrical Accessories Pty Ltd
(21) 2025201536 (22) 03.03.2025
(54) ELECTRICAL CONNECTOR

(71) Waddington North America, Inc.
(21) 2025201420 (22) 27.02.2025
(54) STACKABLE CONTAINERS WITH
SUPPORT BAND

Waugh, D. see Waugh, E.
(21) 2025201356

(71) Waugh, E.; Waugh, D.
(21) 2025201356 (22) 25.02.2025
(54) Storage unit

(71) Wave Life Sciences Ltd.
(21) 2025201455 (22) 28.02.2025
(54) Chiral control

(71) Wi-Tronix, LLC
(21) 2025201463 (22) 28.02.2025
(54) Automated signal compliance monitor-
ing and alerting system

(71) WONDERLAND SWITZERLAND AG
(21) 2025201470 (22) 28.02.2025
(54) Infant carrier and height adjustment
mechanism

(71) WuXi Biologics Ireland Limited
(21) 2025201457 (22) 28.02.2025
(54) Novel anti-CD3epsilon antibodies

(71) XINGMAI INNOVATION TECHNO-
LOGY (SUZHOU) CO., LTD.
(21) 2025201567 (22) 04.03.2025
(54) DEVICES FOR IN-WATER AUTOMAT-
IC SPREADING

(71) Yeda Research and Development Co.
Ltd.; New York University
(21) 2025201525 (22) 03.03.2025
(54) System and method for orientating cap-
ture of ultrasound images

(71) Yokogawa Electric Corporation
(21) 2025201533 (22) 03.03.2025
(54) Measurement device, measurement
method, and program

(71) ZHEJIANG HUAYOU COBALT CO.,
LTD.
(21) 2025201359 (22) 26.02.2025
(54) METHOD AND DEVICE FOR SEPAR-
ATING NICKEL AND COBALT FROM
NICKEL LATERITE

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2025201334	Alpine Eagle GmbH	2025201407	VIG AUSTRALIA PTY LTD
2025201342	SmartWash Solutions, LLC	2025201408	Howmedica Osteonics Corp.
2025201343	Jiangsu XCMG State Key Laboratory Technology Co., Ltd.	2025201409	Manthorpe Building Products Limited
2025201344	Mexichem Fluor S.A. de C.V.	2025201410	Hefei Sungrow Information Technology Co., Ltd.
2025201345	Karthik Enterprises	2025201411	A.L. Hansen Manufacturing Co.
2025201347	IGT	2025201412	Fludder, C.
2025201348	Amgen Inc.	2025201413	Superior Pak Holdings Pty Ltd
2025201349	Amgen Inc.	2025201414	Lifewood International Pty Ltd
2025201351	Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd.	2025201415	thyssenkrupp nucera AG & Co. KGaA
2025201352	The Johns Hopkins University	2025201416	Genzyme Corporation
2025201353	SOAPERY PTY LTD	2025201417	TONGWEI SOLAR (CHENGDU) CO., LTD.
2025201354	SENSE2 PTY LTD	2025201418	TONGWEI SOLAR (CHENGDU) CO., LTD.
2025201355	SAP SE	2025201419	Lightsense Israel LTD.
2025201356	Waugh, E.; Waugh, D.	2025201420	Waddington North America, Inc.
2025201357	HBI Branded Apparel Enterprises, LLC	2025201421	TONGWEI SOLAR (CHENGDU) CO., LTD.
2025201358	GIANT MANUFACTURING CO., LTD.	2025201422	Vaxess Technologies, Inc.
2025201359	ZHEJIANG HUAYOU COBALT CO., LTD.	2025201423	LG Electronics Inc.
2025201360	Lone Gull Holdings, Ltd.	2025201424	Battelle Memorial Institute
2025201361	Solo Pace Inc.	2025201425	Sohao FD-Tech Co., Ltd.; Jiangnan University
2025201362	Superior Plastics Extrusion Co. Inc. DBA Impact Plastics	2025201426	TONGWEI SOLAR (CHENGDU) CO., LTD.
2025201363	TigaTX, Inc.	2025201427	BASF SE
2025201364	The Boeing Company	2025201428	TPE MIDSTREAM LLC
2025201365	AZL Holdings Pty Ltd	2025201429	TONGWEI SOLAR (CHENGDU) CO., LTD.
2025201366	LumaCyte LLC	2025201430	TONGWEI SOLAR (HEFEI) CO., LTD.
2025201367	Nuvera Fuel Cells, LLC	2025201431	Think Surgical, Inc.
2025201368	Baxter Healthcare SA; Baxter International Inc.	2025201432	Monsanto Technology LLC
2025201369	OilQuick Deutschland KG	2025201433	Qualcomm Incorporated
2025201370	A1 PREFAB PANELS AUSTRALIA PTY LTD; CAI, Q.	2025201434	Ionis Pharmaceuticals, Inc.; AstraZeneca AB
2025201371	Colgate-Palmolive Company	2025201435	Brady Worldwide, Inc.
2025201372	BRISTOL-MYERS SQUIBB COMPANY	2025201436	Abiomed, Inc.
2025201373	CATERPILLAR INC.	2025201437	Fisher & Paykel Healthcare Limited
2025201374	Aristocrat Technologies, Inc.	2025201438	ICU Medical, Inc.
2025201375	Puraffinity Ltd	2025201439	F. HOFFMANN-LA ROCHE AG; Genentech, Inc.
2025201376	Syngenta Crop Protection AG	2025201440	ServiceNow, Inc.
2025201377	Edmondson, J.	2025201441	Anker Innovations Technology Co., Ltd.
2025201378	HAZEMAG & EPR GmbH	2025201442	DRAEGER SAFETY AG & CO. KGAA
2025201379	Aristocrat Technologies Australia Pty Limited	2025201443	MSA Technology, LLC
2025201380	ANGEL GROUP CO., LTD.	2025201444	FISHER & PAYKEL HEALTHCARE LIMITED
2025201381	Genzyme Corporation	2025201445	ICU Medical, Inc.
2025201382	Hitachi Construction Machinery Co., Ltd.	2025201446	Australian Solar Protection Pty Ltd
2025201383	SharkNinja Operating LLC	2025201447	THE PROCTER & GAMBLE COMPANY
2025201384	ATI Properties LLC	2025201448	Janssen Pharmaceutica NV
2025201385	Hollister Incorporated	2025201449	Advanced Bariatric Technology, LLC
2025201386	Shanghai Technical Institute of Electronics and Information	2025201451	Combioxin SA
2025201387	Dexcom, Inc.	2025201452	Ausco Modular Pty Limited
2025201388	Aristocrat Technologies Australia Pty Limited	2025201453	Intuit Inc.
2025201389	LG ELECTRONICS INC.	2025201454	Regeneron Pharmaceuticals, Inc.
2025201390	GlassFit Australia Pty Ltd	2025201455	Wave Life Sciences Ltd.
2025201391	Sakata Seed Corporation	2025201456	General Electric Company
2025201392	Sakata Seed Corporation	2025201457	WuXi Biologics Ireland Limited
2025201393	Neurocentria, Inc.	2025201458	Husmann Corporation
2025201394	Apple Inc.	2025201459	Schlage Lock Company LLC
2025201395	Terra Quantum AG	2025201460	MAKO Surgical Corp.
2025201396	Beijing Volcano Engine Technology Co., Ltd.	2025201461	Assurant, Inc.
2025201397	Salford Group Inc.	2025201462	Nunhems Netherlands B.V.
2025201398	Salford Group Inc.	2025201463	Wi-Tronix, LLC
2025201399	Kurita Water Industries Ltd.; Hitachi, Ltd.	2025201464	Illinois Tool Works Inc.
2025201400	Ardelyx, Inc.	2025201465	SAGENTIA LTD.
2025201401	eMetric Pty Ltd	2025201466	Sagentia Ltd
2025201402	R.P. Scherer Technologies, LLC	2025201467	Kraftpack (Hubei) Industrial Co., Ltd.
2025201403	Case Western Reserve University	2025201468	ALLSHELTER RESERVES PTY LTD
2025201404	Diogenes Limited	2025201469	Allen, S.
2025201405	REZICAST SOLUTIONS PTY LTD	2025201470	WONDERLAND SWITZERLAND AG
2025201406	Polaris Industries Inc.	2025201471	Cirtex Group Holdings Limited
		2025201472	Solspan Pty Ltd
		2025201473	Sagentia Ltd; Cohen, M.
		2025201474	Vanzuita, M.
		2025201475	Sagentia Ltd; Cohen, M.

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2025201476	CANARY MEDICAL SWITZERLAND AG	2025201546	Jiangsu Lipu Traffic Lighting Co., Ltd.
2025201477	Sagentia Ltd; Cohen, M.	2025201547	Abiomed, Inc.
2025201478	Simpson Strong-Tie Company Inc.	2025201548	Rexsitt Italia S.r.l.
2025201479	Eli Lilly and Company	2025201549	Central Painting Inc.
2025201480	Simpson Strong-Tie Company Inc.	2025201550	SCHNEIDER ELECTRIC USA, INC.
2025201481	Knappco LLC	2025201551	AD MAIORA LLC; GAPMED LIMITED
2025201482	Flexible Steel Lacing Company	2025201552	BayMedica, Inc.
2025201483	NIPPON SHOKUBAI CO., LTD.	2025201553	NANOGAP SUB-NM-POWDER, S.A.
2025201484	STELO BIOTECHNOLOGY CO., LTD.	2025201554	Keros Therapeutics, Inc.
2025201485	Baxter International Inc.; Baxter Healthcare SA	2025201555	OxiWear, Inc.
2025201486	Dolby International AB	2025201556	Georg Fischer Rohrleitungssysteme AG
2025201487	PATIL, R.S.	2025201557	Colgate-Palmolive Company
2025201488	Fortescue Ltd	2025201558	Ospedale San Raffaele S.r.l.; Politecnico di Milano;
2025201489	Aristocrat Technologies Australia Pty Limited		Fondazione Telethon; Dana-Farber Cancer Institute,
2025201490	McLaren Applied Limited		Inc.; Children's Medical Center Corporation
2025201491	Kraftanlagen Energies & Services SE	2025201559	Bosch Automotive Products (Suzhou) Co. Ltd.
2025201492	Fred IT Group Pty Ltd	2025201560	Saronic Technologies
2025201493	Intuit Inc.	2025201561	Saronic Technologies
2025201494	Intuit Inc.	2025201562	Avedro, Inc.
2025201495	Haver & Boecker Latinoamericana Máquinas Ltda	2025201563	The Schepens Eye Research Institute, Inc.
2025201496	Papyrus Australia Limited	2025201565	Vetco Gray Scandinavia AS
2025201497	Rovi Guides, Inc.	2025201566	Pipeline Medical Technologies, Inc.
2025201498	Pact Group Industries (ANZ) Pty Ltd	2025201567	XINGMAI INNOVATION TECHNOLOGY (SUZHOU)
2025201499	Arrowhead Pharmaceuticals, Inc.		CO., LTD.
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2025201501	Garock Pty Ltd	2025201571	Living in Sunshine LLC
2025201502	Mooch It Pty Ltd	2025201572	KANGLIN BIOTECHNOLOGY (HANGZHOU) CO., LTD.
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2025201506	Road Safety Reminder Pty Ltd	2025201584	Ingenious Ingredients, LP
2025201507	Heye International GmbH	2025201585	ALLEGIANCE CORPORATION
2025201508	Endless Road Holdings Pty Ltd	2025201586	EXEL INDUSTRIES
2025201509	Techtronic Cordless GP	2025201587	Architex Corporation Pty Limited
2025201510	Innovent Biologics (Suzhou) Co., Ltd.; Beijing Hanmi	2025201588	Illinois Tool Works Inc.
	Pharmaceutical Co., Ltd.		
2025201511	SENSE2 PTY LTD		
2025201512	SCHNEIDER ELECTRIC USA, INC.		
2025201513	SCHNEIDER ELECTRIC USA, INC.		
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2025201515	Lam, T.T.		
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2025201518	Lam, T.T.		
2025201519	Lam, T.T.		
2025201520	Lam, T.T.		
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2025201522	Spotch Watch Australia		
2025201523	Animal Ethics Pty Ltd		
2025201524	Oticara, Inc.		
2025201525	Yeda Research and Development Co. Ltd.; New York		
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2025201526	SENSE2 PTY LTD		
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2025201530	Sangamo Therapeutics, Inc.		
2025201531	Nunhems Netherlands B.V.		
2025201532	Transportation IP Holdings, LLC		
2025201533	Yokogawa Electric Corporation		
2025201534	Abiomed Europe GmbH		
2025201535	Illinois Tool Works Inc.		
2025201536	Voltex Electrical Accessories Pty Ltd		
2025201537	NUSEED NUTRITIONAL US INC.		
2025201538	MA Industries, LLC		
2025201539	SolarWinds WorldWide, LLC		
2025201540	DD Dannar LLC		
2025201541	École de Technologie Supérieure		
2025201542	Kemilä, T.		
2025201543	Atea Pharmaceuticals, Inc.		
2025201544	BITO-Lagertechnik Bittmann GmbH		
2025201545	Hysential 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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 2023266394 (5CN) 2023274193 (4C) 2023379419 (12AN)

2024

2024200718 (4C) 2024278250 (1B) 2024278368 (1B)
 2024900480 (12AN) 2024900488 (12AN) 2024900554 (12AN)
 2024902374 (12AN)

2025

2025201209 (12CN) 2025900078 (12AN) 2025900591 (12AN)

Assignments before Grant, Section 113**2019**

2019203354 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2019205002 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2019248876 Avercon BVBA The application has been assigned to **PACKSIZE, LLC**

2019248877 Avercon BVBA The application has been assigned to **PACKSIZE, LLC**

2019250202 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2019257403 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2019264145 Suncor Energy Inc. The application has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2019272061 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2019282031 Gjosa SA The application has been assigned to **L'OREAL**

2019318103 Rostrum Medical Innovations Inc. The application has been assigned to **CYTEK SYSTEMS INT'L LTD.**

2019385699 Valneva SE The application has been assigned to **VITAL MEAT**

2020

2020203556 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2020203698 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2020210291 BlendJet Inc. The application has been assigned to **MavorCo Operations LLC**

2020211650 Suncor Energy Inc. The application has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2020220245 Suncor Energy Inc. The application has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2020222515 Suncor Energy Inc. The application has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2020332074 Sensus Spectrum LLC; Sentec Ltd The application has been assigned to **Sensus Spectrum LLC**

Assignments before Grant, Section 113

2020430398 Suncor Energy Inc. The application has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2021

2021202152 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2021204742 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2021242217 Markman Biologics Corporation The application has been assigned to **CellTherX Corp**

2021286431 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2021311483 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2022

2022202397 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2022224736 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2022262350 TERRAPOWER, LLC The application has been assigned to **TerraPower Isotopes, LLC**

2022263512 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2022274819 TERRAPOWER, LLC The application has been assigned to **TerraPower Isotopes, LLC**

2022283690 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2022319613 MIVI NEUROSCIENCE, INC. The application has been assigned to **Route 92 Medical, Inc.**

2022381894 CROVATO, Diego; ABRAMI, Gabriele; GUIRAO CANO, Sergio The application has been assigned to **IOSFIX.DENTAL S.r.l.**

2022451721 GERMICIDAL TECHNOLOGY SDN BHD The application has been assigned to **FRT GROUP SDN BHD**

2023

2023201659 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2023222913 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2023222914 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

Assignments before Grant, Section 113

2023233862 RISE RESEARCH INSTITUTES OF SWEDEN AB The application has been assigned to **Neste OYJ**

2023254150 INQB8 MEDICAL TECHNOLOGIES, LLC The application has been assigned to **Relief Cardiovascular, Inc.**

2023255602 COOK MEDICAL TECHNOLOGIES LLC The application has been assigned to **New US Opco Inc.**

2023262477 INQB8 MEDICAL TECHNOLOGIES, LLC The application has been assigned to **Relief Cardiovascular, Inc.**

2023274209 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2023333564 VIEWPOINT MOLECULAR TARGETING, INC. The application has been assigned to **PERSPECTIVE THERAPEUTICS, INC.**

2024

2024200527 Caterpillar Underground Mining Pty Ltd The application has been assigned to **Caterpillar Inc.**

2024201330 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2024201774 Suncor Energy Inc. The application has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2024203300 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2024216501 Friedrich-Alexander-Universität Erlangen-Nürnberg; AiCuris GmbH & Co. KG The application has been assigned to **AiCuris Anti-infective Cures AG; Friedrich-Alexander-Universität Erlangen-Nürnberg**

2024220059 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2024220060 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2024220061 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2024220062 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2024220063 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2024220064 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

2024220065 Caterpillar Underground Mining Pty. Ltd. The application has been assigned to **Caterpillar Inc.**

Assignments before Grant, Section 113

2024901437 Australian Solar Mesh Pty Ltd The application has been assigned to **Australian Solar Protection Pty Ltd**

2024903760 Low, Aaron; Hodge, Nikolas; Yu, Miao; Savoie, Maxime The application has been assigned to **Amaea Limited**

Extensions of Time, Section 223

Applications Received

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

2011

2011369802 **Wockhardt Limited** An application to extend the time from 01 Aug 2024 to 01 Mar 2025 in which to pay a renewal fee has been filed . Address for service - Oxygene IP Level 1 70 Doncaster Road BALWYN NORTH VIC 3104 AU

2014

2014265089 **Dalian Locomotive and Rolling Stock Co.,Ltd.CNR Group** An application to extend the time from 24 Oct 2023 to 24 Jan 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014265103 **Dalian Locomotive and Rolling Stock Co.,Ltd.CNR Group** An application to extend the time from 23 Oct 2023 to 23 Jan 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014324079 **Ali-Jak Holdings Pty Ltd** An application to extend the time from 18 Sep 2023 to 18 Oct 2024 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2014360100 **Myrfield, W.** An application to extend the time from 07 Dec 2023 to 07 Feb 2025 in which to pay a renewal fee has been filed . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016

2016304615 **CRRC Dalian Co.,Ltd.** An application to extend the time from 04 Nov 2023 to 04 Jan 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018100224 **Godwin, L.; Sidhu, S.** An application to extend the time from 21 Feb 2024 to 21 Oct 2024 in which to pay a renewal fee has been filed . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2020

2020296209 **AltioStar Networks, Inc.** An application to extend the time from 18 Jun 2024 to 18 Jan 2025 in which to pay a continuation fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Extensions of Time, Section 223

2023

2023202830 **Acres Technology** An application to extend the time from 11 Jun 2024 to 11 Feb 2025 in which to pay a continuation fee has been filed . Address for service - Golja Haines & Friend PO Box 1014 South Perth WA 6951 AU

2023266313 **Atrium Medical Corporation** An application to extend the time from 22 Jul 2024 to 22 Feb 2025 in which to pay a continuation fee has been filed . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Applications Allowed - Section 223(2)

2005

2005321966 **ATNX SPV, LLC** The time in which to request an Extension of Term - Pharmaceutical has been extended to 23 Oct 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2008

2008202835 **CommandeX Pty Ltd** The time in which to pay a renewal fee has been extended to 26 Oct 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011

2011363948 **MAK Engineering Projects Pty Limited** The time in which to pay a renewal fee has been extended to 25 Oct 2024 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2014

2014200559 **ATNX SPV, LLC** The time in which to request an Extension of Term - Pharmaceutical has been extended to 23 Nov 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2017

2017200246 **Morris Industries Ltd.** The time in which to pay a renewal fee has been extended to 13 Sep 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018

2018330163 **ATNX SPV, LLC** The time in which to request an Extension of Term - Pharmaceutical has been extended to 23 Nov 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2020

2020272162 **Beetle Genius, SPRL** The time in which to pay the continuation fee has been extended to 28 Oct 2024 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2022

2022221570 **Momentis Surgical Ltd** The time in which to pay the acceptance fee has been extended to 14 Mar 2025 . Address for service - Belyea IP PO Box 1011 ELSTERNWICK VIC 3185 AU

2022457070 **DEAL S.R.L.** The time in which to enter the National Phase has been extended to 05 Jan 2025 . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

Extensions of Time, Section 223

2023

2023100045 **BTL Healthcare Technologies a.s.** The time in which to pay a renewal fee has been extended to 03 Dec 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2023202180 **Ojai Energetics PBC** The time in which to pay a renewal fee has been extended to 28 Oct 2024 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023303008 **HOLOGIC, INC.** The time in which to enter the National Phase has been extended to 05 Mar 2025 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2023308968 **BRIGHT, J.** The time in which to enter the National Phase has been extended to 18 Mar 2025 . Address for service - Wallington-Dummer Pty Ltd SE 1005 L 10 66 Hunter St Sydney NSW 2000 AU

2024

2024227255 **Transportation IP Holdings, LLC** The time in which to make a further application for a divisional patent has been extended 10 Nov 2024 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2024227736 **Hayward Industries, Inc.** The time in which to make a further application for a divisional patent has been extended to 18 Nov 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Amendments

Applications for Amendment

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

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

2017

2017245601 Use of pimobendan for the reduction of heart size and/or the delay of onset of clinical symptoms in patients with asymptomatic heart failure due to mitral valve disease **Boehringer Ingelheim Vetmedica GmbH** The nature of the amendment is as shown in the statement(s) filed 06 Feb 2025 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2017343422 Single-domain antibodies and variants thereof against CTLA-4 **Nanjing Legend Biotech Co., Ltd.** The nature of the

Amendments

amendment is as shown in the statement(s) filed 31 Oct 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2018

2018203972 Mammalian cell culture **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018350362 System and method for image recognition registration of an athlete in a sporting event **Martin , T.** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2024 . Address for service - Southern Cross Intellectual Property PO Box 906 Brisbane QLD 4001 AU

2019

2019276585 Pressure safety device for bag valve mask **safeBVM Corp.** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2025 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019297158 Obstacle avoidance in autonomous vehicles **Elta Systems Ltd.** The nature of the amendment is as shown in the statement(s) filed 25 Feb 2025 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2020

2020281075 Mammalian cell culture **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020330299 Occupant warning system sounder testing and method **Garrick , G.A.L.** The nature of the amendment is: Amend the name of the inventor to add SLOAN, David Warwick AND STEPHENS, Wayne . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2020370160 Systems and methods for structured illumination microscopy **Illumina, Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021297139 User interfaces for managing secure operations **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to remove KNIPPERS, Michael AND JORGENSEN, Kevin R. . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2023

2023201728 CLINICAL DECISION SUPPORT SYSTEM **Instrumentation Laboratory Company** The nature of the amendment is as shown in the statement(s) filed 25 Feb 2025 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Amendments Made

Amendments

2019

2019261640 **Millennium Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read GALAS, Richard John, Jr.

2020

2020353988 **Gree Electric Appliances, Inc. of Zhuhai** The nature of the amendment is: Amend the invention title to read Photovoltaic air conditioning system startup method, controller, and photovoltaic air conditioning system

2021

2021212039 **AMERICORP INVESTMENTS LLC** The nature of the amendment is as shown in the statement filed 31 Oct 2024

2021237793 **Ospedale San Raffaele S.r.l.** The nature of the amendment is: Amend the name of the inventor to read CURNIS, Flavio; CORTI, Angelo and J. M. FERRERI, Andrés

2021240089 **Rosendin Electric, Inc.** The nature of the amendment is: Amend the name of the inventor to read ZHOU, Charles; MAZZETTI Jr., William Paul; ROWE, Halston and LINCOLN, David Scott

2021339237 **Haver & Boecker Latinoamericana Máquinas Ltda** The nature of the amendment is: Application is to proceed under the number 2021107701

2022

2022204152 **Genzyme Corporation** The nature of the amendment is: Amend the name of the inventor to read HWANG, Christopher; JOHNSON, Timothy; WALTHER, Jason; CHENG, Cheng; WANG, Jonathan; SHAH, Neha and BAE, Seul-A

2022223569 **SPECTRE MATERIALS SCIENCES, INC.** The nature of the amendment is as shown in the statement filed 27 Oct 2024

2022241605 **Diametros Medical S.r.l.** The nature of the amendment is: Add divisional parent details as PCT/IB2020/053350, PCT/IB2020/053352 and PCT/IB2020/053353

2023

2023209832 **MERCURY CAPTURE INTELLECTUAL PROPERTY, LLC** The nature of the amendment is: Amend the name of the inventor to read DIVERS, Norman and GAGE, John

2023312876 **GNARA, INC.** The nature of the amendment is: Amend the priority details to read US63/368,332 13 Jul 2022 US

2023314773 **PENTAIR, INC.** The nature of the amendment is: Amend the name of the inventor to read THEIMER, Patrick; PRENTICE, Robert; REMATI, Battista; MURPHY, Brian; FIOCCO, David; GILBERT, Julie; PELLI, Uri; FENG, Robin; HAMPTON, Donnie; CLARK, Sabrina; GOODRICH, Kolby and WOODRUFF, Scott

2023317322 **TAGCYX BIOTECHNOLOGIES INC.** The nature of the amendment is: Amend the invention title to read HUNNER-TYPE INTERSTITIAL CYSTITIS THERAPEUTIC AGENT CONTAINING DNA OLIGONUCLEOTIDE THAT SELECTIVELY BINDS TO IFN- γ

Amendments

2023321447 **QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD OF SPECIFICALLY INCREASING LACTOTRANS-FERRIN GENE EXPRESSION LEVEL AND APPLICATION THEREOF

2023322547 **SMA SOLAR TECHNOLOGY AG** The nature of the amendment is: Amend the invention title to read Voltage source inverter and power generation system

2023331038 **OTSUKA PHARMACEUTICAL FACTORY, INC.** The nature of the amendment is: Amend the invention title to read Carbonated jelly drink

2023333275 **KPR U.S., LLC** The nature of the amendment is: Amend the invention title to read Enteral Feeding Syringe Installation and Detection

2023335178 **TSUBOTA LABORATORY, INC.** The nature of the amendment is: Amend the invention title to read Eye drops containing an α 1-blocker for inhibiting myopia progression

2023347955 **TOMPKINS ROBOTICS, INC.** The nature of the amendment is: To remove priority details 18/470,670 20 Sep 2022 US

2024

2024278359 **Techtronic Cordless GP** The nature of the amendment is: Amend the priority details to read 202024100922.3 27 Feb 2024 DE

2025

2025200112 **INDUSTRIA METALMECANICA RIVET S.A.** The nature of the amendment is as shown in the statement filed 13 Feb 2025

2025201075 **University of Central Florida Research Foundation, Inc.** The nature of the amendment is: Amend the divisional parent details to read 2023263543

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

2006

2006325083 **GPQ S.R.L.** The name of the patentee has been altered to **WIQO S.P.A.**

2006331673 **ARIAD Pharmaceuticals, Inc.** The name of the patentee has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2013

2013201242 **ARIAD Pharmaceuticals, Inc.** The name of the patentee has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2013204506 **ARIAD Pharmaceuticals, Inc.** The name of the patentee has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2013344883 **Premier Biotech, Inc.** The name of the patentee has been altered to **Premier Biotech LLC**

Amendments

2014

2014268297 **Premier Biotech, Inc.** The name of the patentee has been altered to **Premier Biotech LLC**

2015

2015210454 **ARIAD Pharmaceuticals, Inc.** The name of the patentee has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2016

2016210725 **ARIAD Pharmaceuticals, Inc.** The name of the patentee has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2016308696 **Aker BioMarine Antarctic AS; BioMar, Group** The name of the patentee has been altered to **BioMar, Group; THE QRILL COMPANY AS**

2016311297 **FMC Kongsberg Subsea AS** The name of the patentee has been altered to **TechnipFMC Norge AS**

2018

2018201013 **ARIAD Pharmaceuticals, Inc.** The name of the patentee has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2018336522 **Beijing Yufan Biotechnologies Co., Ltd.** The name of the applicant has been altered to **Beijing Synthetic Vaccine Biosciences Co.,Ltd**

2019

2019240721 **ARIAD Pharmaceuticals, Inc.** The name of the patentee has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2019351847 **HITACHI ZOSEN INOVA AG** The name of the applicant has been altered to **KANADEVIA INOVA AG**

2019352659 **Header-coil Company A/S** The name of the applicant has been altered to **Alfa Laval Aalborg Header-coil Company A/S**

2020

2020205674 **2291447 Ontario Inc.** The name of the applicant has been altered to **Delta-Sigma Controls Inc.**

2020296057 **Header-coil Company A/S** The name of the applicant has been altered to **Alfa Laval Aalborg Header-coil Company A/S**

2020320437 **Premier Biotech, Inc.** The name of the patentee has been altered to **Premier Biotech LLC**

2021

2021201968 **Cobham Mission Systems Wimborne Limited** The name of the applicant has been altered to **Mission Systems Wimborne Limited**

2021221493 **ARIAD Pharmaceuticals, Inc.** The name of the patentee has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2021239827 **MayMann Research, LLC** The name of the applicant has been altered to **MayMann Research, Inc.**

Amendments

2021303625 EUSA Pharma (UK) Limited The name of the applicant has been altered to **Recordati UK Ltd**

2022

2022213198 HITACHI ZOSEN INOVA AG The name of the applicant has been altered to **KANADEVIA INOVA AG**

2022217429 HITACHI ZOSEN INOVA AG The name of the applicant has been altered to **KANADEVIA INOVA AG**

2022226342 HITACHI ZOSEN INOVA AG The name of the applicant has been altered to **KANADEVIA INOVA AG**

2022443216 AIR PRODUCTS AND CHEMICALS, INC. The name of the applicant has been altered to **HERCULES PROJECT COMPANY LLC**

2022472561 SMART LIGHTING HOLDING LIMITED The name of the applicant has been altered to **Lepro Innovation Holding Limited**

2023

2023219845 ARIAD Pharmaceuticals, Inc. The name of the applicant has been altered to **Takeda Pharmaceuticals U.S.A., Inc.**

2023241289 Premier Biotech, Inc. The name of the applicant has been altered to **Premier Biotech LLC**

2023242090 AIR PRODUCTS AND CHEMICALS, INC. The name of the applicant has been altered to **HERCULES PROJECT COMPANY LLC**

2023243420 AIR PRODUCTS AND CHEMICALS, INC. The name of the applicant has been altered to **HERCULES PROJECT COMPANY LLC**

2023251917 AKER BIOMARINE ANTARCTIC AS The name of the applicant has been altered to **The Qrill Company AS**

2023266249 RAYTHEON BBN TECHNOLOGIES, CORP. The name of the applicant has been altered to **RTX BBN Technologies, Inc.**

2024

2024202928 AIR PRODUCTS AND CHEMICALS, INC. The name of the applicant has been altered to **HERCULES PROJECT COMPANY LLC**

2024204046 AIR PRODUCTS AND CHEMICALS, INC. The name of the applicant has been altered to **HERCULES PROJECT COMPANY LLC**

2024901624 Australian Solar Protection The name of the applicant has been altered to **Australian Solar Protection Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) 3M Innovative Properties Company
(11) AU-A-2024210997
(21) 2024210997 (22) 20.08.2024
(54) Kits, assemblies and methods for suspending objects from ceilings
(51) Int. Cl.
F16B 45/00 (2006.01)
A47G 1/16 (2006.01)
(31) 63/533942 (32) 22.08.23 (33) US
(43) 13.03.2025
(72) NOONAN, John M.
(74) FPA Patent Attorneys Pty Ltd

(71) Abbott Diabetes Care Inc.
(11) AU-A-2025201190
(21) 2025201190 (22) 20.02.2025
(54) Temperature-insensitive membrane materials and analyte sensors containing the same
(51) Int. Cl.
A61B 5/145 (2006.01)
C08F 226/06 (2006.01)
C08G 81/02 (2006.01)
C08J 5/18 (2006.01)
C08L 39/08 (2006.01)
(43) 13.03.2025
(62) 2022252770
(72) BOMMAKANTI, Balasubrahmanya S.; LATOUR, John V.; HOSS, Udo; OUYANG, Tianmei; LE, Phu; SANDHU, Gary; WALLIS, Kevin
(74) FPA Patent Attorneys Pty Ltd

Abiomed, Inc. see Tufts Medical Center, Inc.
(21) 2025201230

(71) Abiomed Europe GmbH
(11) AU-A-2025201192
(21) 2025201192 (22) 20.02.2025
(54) Method of manufacturing a blood pump
(51) Int. Cl.
A61M 60/126 (2021.01)
A61M 60/165 (2021.01)
(43) 13.03.2025
(62) 2019237232
(72) KIRCHHOFF, Frank; PENNERS, Josef; SIESS, Thorsten; CARELL, Werner; KERKHOFFS, Wolfgang
(74) Spruson & Ferguson

(71) Accenture Global Solutions Limited
(11) AU-A-2024205584
(21) 2024205584 (22) 07.08.2024
(54) ARTIFICIAL INTELLIGENCE (AI) BASED DATA FILTERS.
(51) Int. Cl.
G06F 16/335 (2019.01)

G06F 16/338 (2019.01)
G06F 40/279 (2020.01)
G06N 3/044 (2023.01)
G06N 3/0475 (2023.01)
(31) 18/454,981 (32) 24.08.23 (33) US
(43) 13.03.2025
(72) LAFON, Philippe Siegfried Matthias; YUAN, Tennyson; BEN SALEM, Malek
(74) Murray Trento & Associates Pty Ltd

Adimab, LLC see Mapp Biopharmaceutical, Inc.
(21) 2025201226

(71) AdvanSix Resins & Chemicals LLC
(11) AU-A-2025201195
(21) 2025201195 (22) 20.02.2025
(54) Compositions and articles comprising blends including branched polyamide
(51) Int. Cl.
C08L 77/02 (2006.01)
C08G 69/14 (2006.01)
C08G 69/34 (2006.01)
C08G 69/36 (2006.01)
C08L 23/06 (2006.01)
(43) 13.03.2025
(62) 2021329364
(72) NELLIAPPAN, Veera; LOY, David J.; TALEBI, Farzaneh; PORTER, Simon J.; SCHOEIB, Ann M.
(74) Davies Collison Cave Pty Ltd

(71) Air Products and Chemicals, Inc.
(11) AU-A-2024205864
(21) 2024205864 (22) 19.08.2024
(54) LOW TEMPERATURE MEMBRANE PROCESS FOR BIOGAS UPGRADING
(51) Int. Cl.
B01D 53/22 (2006.01)
B01D 51/10 (2006.01)
B01D 53/26 (2006.01)
B01D 53/62 (2006.01)
B01D 53/72 (2006.01)
B01D 53/75 (2006.01)
B01D 63/02 (2006.01)
B01D 69/02 (2006.01)
B01D 69/08 (2006.01)
B01D 71/06 (2006.01)
(31) 18/237,000 (32) 23.08.23 (33) US
(43) 13.03.2025
(72) O'Brien, Matthew P.; Kramer, Paul W.
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

Albert Einstein College of Medicine, Inc. see Mapp Biopharmaceutical, Inc.
(21) 2025201226

(71) Alleviant Medical, Inc.
(11) AU-A-2025201080
(21) 2025201080 (22) 15.02.2025
(54) SYSTEMS, DEVICES, AND METHODS FOR FORMING AN ANASTOMOSIS
(51) Int. Cl.
A61B 17/11 (2006.01)
A61B 17/00 (2006.01)
A61B 18/14 (2006.01)
(43) 13.03.2025
(62) 2020344679
(72) PATE, Thomas D.; BERMAN, Zachary R.
(74) RnB IP Pty Ltd

(71) Amgen Inc.
(11) AU-A-2025201262
(21) 2025201262 (22) 21.02.2025
(54) Drug delivery device having dose indicator
(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
(43) 13.03.2025
(62) 2019355979
(72) PEDERSEN, Jakob Halkjaer; MELANDER, Matias
(74) Spruson & Ferguson

(71) Angel Group Co., Ltd.
(11) AU-A-2025201163
(21) 2025201163 (22) 19.02.2025
(54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM
(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
G06K 19/04 (2006.01)
G06Q 50/34 (2012.01)
G07F 17/32 (2006.01)
(43) 13.03.2025
(62) 2021287089
(72) SHIGETA, Yasushi
(74) RnB IP Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025201171
(21) 2025201171 (22) 19.02.2025
(54) A METHOD FOR ADMINSTRATING A PACKAGE OF SHUFFLED PLAYING CARDS
(51) Int. Cl.
A63F 1/18 (2006.01)
G06Q 50/34 (2012.01)
(43) 13.03.2025
(62) 2023202286
(72) Shigeta, Yasushi
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Apple Inc.
(11) AU-A-2025201290
(21) 2025201290 **(22)** 24.02.2025
(54) User interfaces with variable appearances
(51) Int. Cl.
G06F 3/14 (2006.01)
G06F 3/041 (2006.01)
(43) 13.03.2025
(62) 2023237162
(72) Dellinger, Richard R.
(74) FPA Patent Attorneys Pty Ltd

(71) Arcellx, Inc.
(11) AU-A-2025201172
(21) 2025201172 **(22)** 19.02.2025
(54) D-domain containing polypeptides and uses thereof
(51) Int. Cl.
C12N 15/10 (2006.01)
A61K 35/17 (2015.01)
A61K 38/17 (2006.01)
C07K 16/00 (2006.01)
C12Q 1/00 (2006.01)
C40B 40/02 (2006.01)
(43) 13.03.2025
(62) 2024264685
(72) HILBERT, David M.; SWERS, Jeffrey S.
(74) Spruson & Ferguson

(71) AREPA IP LIMITED
(11) AU-A-2024287117
(21) 2024287117 **(22)** 09.02.2024
(54) BIOACTIVES AND THEIR USES
(51) Int. Cl.
A61K 31/7028 (2006.01)
A61K 31/7034 (2006.01)
A61K 36/185 (2006.01)
A61P 43/00 (2006.01)
(31) 803114 **(32)** 25.08.23 **(33)** NZ
(43) 13.03.2025
(72) SCHOLEY, Andrew Belton; BLOOR, Stephen John; BROWN, Angus Ross; DODD, Samuel Christopher
(74) Spruson & Ferguson

(71) Aristocrat Technologies, Inc.
(11) AU-A-2024204600
(21) 2024204600 **(22)** 03.07.2024
(54) GUI WITH A BONUS SYMBOL WINDOW FOR INITIATING A JACKPOT CHANCE GAME AND A FEATURE GAME WITH ONE OR MORE FEATURE GAME ENHANCEMENTS
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 18/455,551 **(32)** 24.08.23 **(33)** US
(43) 13.03.2025
(72) LUDWICK, John; UBERUAGA, Christmas
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2024204601
(21) 2024204601 **(22)** 03.07.2024

(54) GUI WITH A BONUS SYMBOL WINDOW TO USE CREDIT VALUE FOR INITIATING A JACKPOT CHANCE GAME AND A FEATURE GAME WITH HOLD-AND-SPIN FUNCTIONALITY
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 18/455,526 **(32)** 24.08.23 **(33)** US
(43) 13.03.2025
(72) LUDWICK, John; UBERUAGA, Christmas
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2024204603
(21) 2024204603 **(22)** 03.07.2024
(54) GUI FOR SLOT MACHINE GAME WITH TRIGGER SYMBOLS THAT CAN POTENTIALLY TRIGGER FEATURE GAME OR PROVIDE MULTIPLIER EFFECT IN BASE GAME
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
(31) 18/455,512 **(32)** 24.08.23 **(33)** US
(43) 13.03.2025
(72) USS, Jeffrey
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2024204604
(21) 2024204604 **(22)** 03.07.2024
(54) DIGIT-BASED ELECTRONIC GAMING SYSTEMS AND METHODS WITH EXPANDING SYMBOL POSITIONS
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/25 (2014.01)
(31) 18/237,650 **(32)** 24.08.23 **(33)** US
(43) 13.03.2025
(72) Walsh, Kevin; Marston, Daniel
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025201229
(21) 2025201229 **(22)** 21.02.2025
(54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
(51) Int. Cl.
A63F 13/45 (2014.01)
(43) 13.03.2025
(62) 2023200223
(72) MARKS, Daniel
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025201279
(21) 2025201279 **(22)** 21.02.2025
(54) A GAMING SYSTEM AND A METHOD OF GAMING
(51) Int. Cl.
G07F 17/34 (2006.01)

(43) 13.03.2025
(62) 2023202754
(72) BENNETT, NICHOLAS LUKE
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025201282
(21) 2025201282 **(22)** 21.02.2025
(54) SYSTEMS AND METHOD FOR METAMORPHIC REEL GAME FEATURES
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 13.03.2025
(62) 2019203082
(72) KANIA, Scott; CASEY, Michael P.
(74) Griffith Hack

(71) Astellas Institute for Regenerative Medicine
(11) AU-A-2025201277
(21) 2025201277 **(22)** 21.02.2025
(54) Pharmaceutical preparations of human RPE cells and uses thereof
(51) Int. Cl.
A61K 35/44 (2015.01)
A61K 35/12 (2015.01)
A61K 35/50 (2015.01)
A61P 27/02 (2006.01)
(43) 13.03.2025
(62) 2021204719
(72) GAY, Roger; KLIMANSKAYA, Irina; LANZA, Robert
(74) Griffith Hack

(71) Australian Portable Toilets Pty Ltd
(11) AU-A-2024202806
(21) 2024202806 **(22)** 30.04.2024
(54) WALL PANEL FOR PORTABLE BATHROOM ENCLOSURE
(51) Int. Cl.
E04C 2/20 (2006.01)
E04B 2/00 (2006.01)
E04C 2/00 (2006.01)
E04C 2/32 (2006.01)
E04H 1/12 (2006.01)
(31) 2023902701 **(32)** 23.08.23 **(33)** AU
(43) 13.03.2025
(72) Weller, Daryn; Hogan, Nicolas
(74) FAL PATENTS PTY LTD

(71) Avent Investment, LLC
(11) AU-A-2025201173
(21) 2025201173 **(22)** 19.02.2025
(54) DEVICE AND METHOD TO SELECTIVELY AND REVERSIBLY MODULATE A NERVOUS SYSTEM STRUCTURE TO INHIBIT THE PERCEPTION OF PAIN
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
(43) 13.03.2025
(62) 2024202226
(72) Schepis, Eric A.; Page, David M.; Schorr, Phillip A.; Sastry, Shyamy R.;

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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Axsome Therapeutics, Inc.
(11) AU-A-2025201286
(21) 2025201286 (22) 23.02.2025
(54) USE OF REBOXETINE TO TREAT NARCOLEPSY
(51) Int. Cl.
A61K 9/22 (2006.01)
A61K 31/5375 (2006.01)
A61P 25/00 (2006.01)
(43) 13.03.2025
(62) 2023200917
(72) TABUTEAU, Herriot
(74) RnB IP
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- (71) Ayonz Pty Limited
(11) AU-A-2025201273
(21) 2025201273 (22) 21.02.2025
(54) Improved Power Adaptor
(51) Int. Cl.
H01R 13/66 (2006.01)
H01R 13/40 (2006.01)
H01R 13/52 (2006.01)
H01R 13/639 (2006.01)
H01R 13/72 (2006.01)
H01R 13/74 (2006.01)
H01H 71/02 (2006.01)
H01R 13/58 (2006.01)
H01R 31/06 (2006.01)
H02G 3/08 (2006.01)
(43) 13.03.2025
(62) 2024204629
(72) YAACOUUB, Ziad
(74) FB Rice Pty Ltd
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- (71) Baby Generation, Inc.
(11) AU-A-2024205051
(21) 2024205051 (22) 24.07.2024
(54) CONVERTIBLE INFANT CHAIR ASSEMBLY
(51) Int. Cl.
A47D 1/04 (2006.01)
A47D 13/02 (2006.01)
A47D 13/08 (2006.01)
(31) 63/578,185 (32) 23.08.23 (33) US
18/397,632 27.12.23 US
(43) 13.03.2025
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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) BASF Agro B.V.
(11) AU-A-2025201236
(21) 2025201236 (22) 21.02.2025
(54) Method for controlling herbicide resistant or tolerant weeds
(51) Int. Cl.
A01N 43/90 (2006.01)
A01N 37/22 (2006.01)
A01N 39/02 (2006.01)
A01N 41/10 (2006.01)
- A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
A01N 43/60 (2006.01)
A01N 43/80 (2006.01)
A01N 43/86 (2006.01)
A01N 47/36 (2006.01)
A01N 47/38 (2006.01)
A01P 13/00 (2006.01)
(43) 13.03.2025
(62) 2023201264
(72) Kraus, Helmut; Sievernich, Bernd; Etcheverry, Mariano; Evans, Richard R.; Nielson, Ryan Louis; Landes, Andreas; Zagar, Cyril; Liebl, Rex A.
(74) Griffith Hack
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- (71) Bay Trusses & Frames Pty Ltd
(11) AU-A-2024216289
(21) 2024216289 (22) 23.08.2024
(54) Floor Arrangement, System and Method
(51) Int. Cl.
A47K 3/40 (2006.01)
B28B 1/14 (2006.01)
E03C 1/12 (2006.01)
E03F 5/04 (2006.01)
E04B 5/02 (2006.01)
E04G 9/05 (2006.01)
B28B 1/52 (2006.01)
B28B 7/16 (2006.01)
B28B 7/34 (2006.01)
(31) 2023902731 (32) 25.08.23 (33) AU
(43) 13.03.2025
(72) Livingstone, John
(74) Caska Intellectual Property Pty Ltd
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- (71) Beckman Coulter, Inc.
(11) AU-A-2025201191
(21) 2025201191 (22) 20.02.2025
(54) Systems and methods for panel design in flow cytometry
(51) Int. Cl.
G01N 15/14 (2024.01)
(43) 13.03.2025
(62) 2023200315
(72) KAPINSKY, Michael
(74) Spruson & Ferguson
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- (71) BELGRAVIA WOOD LIMITED;
RAMOS, J.
(11) AU-A-2024220219
(21) 2024220219 (22) 28.08.2024
(54) SYSTEMS AND METHODS FOR POOL FRAMES AND COMPONENT PARTS THEREOF
(51) Int. Cl.
E04H 4/00 (2006.01)
E04H 4/14 (2006.01)
(31) 63/579,320 (32) 29.08.23 (33) US
(43) 13.03.2025
(72) RAMOS, Jaime; ZHANG, Yi Feng; LAN, Chao Long
(74) Griffith Hack
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- (71) Blackburn, M.
(11) AU-A-2024216300
(21) 2024216300 (22) 23.08.2024
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(51) Int. Cl.
A61M 15/00 (2006.01)
(31) 2023902738 (32) 25.08.23 (33) AU
(43) 13.03.2025
(72) BLACKBURN, Mary
(74) Spruson & Ferguson
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- (71) Blue River Technology Inc.
(11) AU-A-2025201199
(21) 2025201199 (22) 20.02.2025
(54) FARMING MACHINES CONFIGURED TO TREAT PLANTS WITH A COMBINATION OF TREATMENT MECHANISMS
(51) Int. Cl.
A01M 7/00 (2006.01)
G06T 7/00 (2017.01)
(43) 13.03.2025
(62) 2023200088
(72) Pleines, Stephan
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Brandt Industries Inc.
(11) AU-A-2025201246
(21) 2025201246 (22) 21.02.2025
(54) Belt conveyor capable of conveying oil-seed products
(51) Int. Cl.
B65G 17/24 (2006.01)
(43) 13.03.2025
(62) 2020202118
(72) GRAFF, Lyndon; CARTERI, Jonathan Robert
(74) FB Rice Pty Ltd
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- (71) Brandt Industries Inc.
(11) AU-A-2025201247
(21) 2025201247 (22) 21.02.2025
(54) Belt conveyor capable of conveying oil-seed products
(51) Int. Cl.
B65G 17/24 (2006.01)
(43) 13.03.2025
(62) 2020202118
(72) GRAFF, Lyndon; CARTERI, Jonathan Robert
(74) FB Rice Pty Ltd
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- (71) Brandt Industries Inc.
(11) AU-A-2025201249
(21) 2025201249 (22) 21.02.2025
(54) Belt conveyor capable of conveying oil-seed products
(51) Int. Cl.
B65G 17/24 (2006.01)
(43) 13.03.2025
(62) 2020202118
(72) GRAFF, Lyndon; CARTERI, Jonathan Robert
(74) FB Rice Pty Ltd
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- (71) Brandt Industries Inc.
(11) AU-A-2025201250
(21) 2025201250 (22) 21.02.2025

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(54) Belt conveyor capable of conveying oil-seed products
(51) Int. Cl.
B65G 17/24 (2006.01)
(43) 13.03.2025
(62) 2020202118
(72) GRAFF, Lyndon; CARTER, Jonathan Robert
(74) FB Rice Pty Ltd

(71) Brandt Industries Inc.
(11) AU-A-2025201251
(21) 2025201251 (22) 21.02.2025
(54) Belt conveyor capable of conveying oil-seed products
(51) Int. Cl.
B65G 17/24 (2006.01)
(43) 13.03.2025
(62) 2020202118
(72) GRAFF, Lyndon; CARTER, Jonathan Robert
(74) FB Rice Pty Ltd

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(21) 2025201216

(71) Bühler Insect Technology Solutions AG
(11) AU-A-2025201168
(21) 2025201168 (22) 19.02.2025
(54) HIGH-SPEED DOSING
(51) Int. Cl.
A01K 5/00 (2006.01)
A01K 5/02 (2006.01)
A01K 29/00 (2006.01)
A01K 67/368 (2025.01)
G01G 13/24 (2006.01)
G01G 17/06 (2006.01)
G01G 17/08 (2006.01)
(43) 13.03.2025
(62) 2021338412
(72) GELDER, Vincent de; JANSEN, Maurits Petrus Maria
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Bullfrog International, L.C.
(11) AU-A-2024211015
(21) 2024211015 (22) 21.08.2024
(54) FLAT FILTER MEDIA
(51) Int. Cl.
B01D 29/07 (2006.01)
B01D 35/30 (2006.01)
C02F 1/00 (2023.01)
E04H 4/16 (2006.01)
(31) 18/236,318 (32) 21.08.23 (33) US
(43) 13.03.2025
(72) HALES, Eric; ANDERSON, Todd; MCLANE, Mark; EDDINGTON, Richard; EVANS, Jeremy
(74) Dentons Patent Attorneys Australasia Limited

(71) California Institute of Technology; Foldax, Inc.
(11) AU-A-2025201266
(21) 2025201266 (22) 21.02.2025
(54) Systems, devices, and methods relating to the manufacture of intravascularly implantable prosthetic valves
(51) Int. Cl.
A61F 2/00 (2006.01)
A61F 2/02 (2006.01)
A61F 2/06 (2013.01)
A61F 2/24 (2006.01)
A61F 2/82 (2013.01)
A61L 27/54 (2006.01)
B29C 41/14 (2006.01)
(43) 13.03.2025
(62) 2018383609
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(74) AJ PARK

(71) Canon Kabushiki Kaisha
(11) AU-A-2025201260
(21) 2025201260 (22) 21.02.2025
(54) Method, apparatus and system for encoding and decoding a tensor
(51) Int. Cl.
G06N 3/08 (2023.01)
G06F 17/15 (2006.01)
G06F 17/16 (2006.01)
G06F 18/213 (2023.01)
G06F 18/2413 (2023.01)
G06N 3/048 (2023.01)
H04N 19/172 (2014.01)
H03M 7/00 (2006.01)
H03M 13/07 (2006.01)
(43) 13.03.2025
(62) 2022204911
(72) ROSEWARNE, Christopher James; NGUYEN, Thi Hong Nhung
(74) Spruson & Ferguson

(71) CARIBOU BIOSCIENCES, INC.
(11) AU-A-2025201269
(21) 2025201269 (22) 21.02.2025
(54) TREATMENT OF AUTOIMMUNE DISEASES WITH ENGINEERED IMMUNE CELLS
(51) Int. Cl.
A61K 39/00 (2006.01)
C12N 15/113 (2010.01)
(43) 13.03.2025
(62) 2023285071
(72) KANNER, Steven; KWONG, George
(74) Oxygene IP

(71) Cephalon LLC
(11) AU-A-2025201185
(21) 2025201185 (22) 20.02.2025
(54) Antibodies that specifically bind to human IL-15 and uses thereof
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
A61P 19/02 (2006.01)
G01N 33/53 (2006.01)

(43) 13.03.2025
(62) 2017382850
(72) Laine, David Jose Simon; Pollard, Matthew; Doyle, Anthony Gerard; Poulton, Lynn Dorothy; Clarke, Adam William
(74) Davies Collison Cave Pty Ltd

(71) CFP, LLC
(11) AU-A-2025201301
(21) 2025201301 (22) 24.02.2025
(54) COMPUTER BASED GAMING
(51) Int. Cl.
A63F 1/00 (2006.01)
G06F 17/00 (2019.01)
(43) 13.03.2025
(62) 2023203400
(72) Lutnick, Howard W.; Alderucci, Dean P.; Gelman, Geoffrey
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) chen, x.
(11) AU-A-2024205742
(21) 2024205742 (22) 13.08.2024
(54) HEALTH MANAGEMENT METHOD BASED ON IMAGE RECOGNITION
(51) Int. Cl.
G06V 10/82 (2022.01)
G06V 10/26 (2022.01)
G06V 10/28 (2022.01)
G06V 10/44 (2022.01)
G06V 10/774 (2022.01)
G06V 20/64 (2022.01)
G06V 20/68 (2022.01)
G16H 20/60 (2018.01)
(31) 2023110607861 (32) 22.08.23 (33) CN
(43) 13.03.2025
(72) chen, xiaojian
(74) xiaojian chen

(71) China Electric Power Research Institute; Electric Power Research Institute of State Grid Liaoning Electric Power Co., Ltd.; State Grid Corporation of China
(11) AU-A-2024205367
(21) 2024205367 (22) 01.08.2024
(54) OVER-CURRENT PROTECTION SETTING METHOD AND SYSTEM ADAPTED FOR MAGNETO-BIASED SUPERCONDUCTING FAULT CURRENT LIMITERS
(51) Int. Cl.
H02H 7/26 (2006.01)
G01R 19/165 (2006.01)
G01R 31/08 (2020.01)
G01R 31/52 (2020.01)
G01R 35/00 (2006.01)
H02H 3/02 (2006.01)
H02H 3/08 (2006.01)
(31) 202311056386.3 (32) 21.08.23 (33) CN
(43) 13.03.2025
(72) Zhu, Jiahui; Wang, Qingshan; Chen, Panpan; Yang, Yanfang; Zhang, Hongjie; Qiu, Ming; Wei, Defu; Wang, Feiming; Li, Chao; Ding, Kaizhong
(74) Madderns Pty Ltd

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(71) Chongqing Changan Automobile Co., Ltd.
(11) AU-A-2023285991
(21) 2023285991 **(22)** 22.12.2023
(54) IN-VEHICLE INFOTAINMENT APPLICATION LOGIN METHOD, APPARATUS, DEVICE AND SYSTEM
(51) Int. Cl.
G06F 21/34 (2013.01)
G06F 21/31 (2013.01)
G06F 21/32 (2013.01)
G06V 40/16 (2022.01)
G07C 9/28 (2020.01)
G07C 9/30 (2020.01)
G07C 9/37 (2020.01)
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)
H04W 12/06 (2021.01)
(31) 202311054922.6 **(32)** 21.08.23 **(33)** CN
(43) 13.03.2025
(72) Liu, Daiwen
(74) Madderns Pty Ltd

(71) CIRCINUS MEDICAL TECHNOLOGY LLC
(11) AU-A-2025201291
(21) 2025201291 **(22)** 24.02.2025
(54) ATTACHMENT APPARATUS TO SECURE A MEDICAL ALIGNMENT DEVICE TO ALIGN A TOOL
(51) Int. Cl.
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
G06T 19/20 (2011.01)
(43) 13.03.2025
(62) 2022368763
(72) DORMAN, John
(74) Adams Pluck

(71) Colgate-Palmolive Company
(11) AU-A-2025201169
(21) 2025201169 **(22)** 19.02.2025
(54) Oral care implement, handle thereof, and oral care refill head therefor
(51) Int. Cl.
A61C 17/00 (2006.01)
A46B 5/00 (2006.01)
(43) 13.03.2025
(62) 2020482776
(72) Ji, Yanmei; DING, Xiangji; SPROSTA, Al Aquanza; JIMENEZ, Eduardo
(74) Spruson & Ferguson

(71) Crayola LLC
(11) AU-A-2024208815
(21) 2024208815 **(22)** 20.08.2024
(54) PENDULUM DECORATING APPARATUS
(51) Int. Cl.
B05C 11/10 (2006.01)
B05C 5/00 (2006.01)
B05C 9/02 (2006.01)
B05C 11/11 (2006.01)
B05D 5/06 (2006.01)
B44D 2/00 (2006.01)
B44D 3/22 (2006.01)
(31) 63/533,976 **(32)** 22.08.23 **(33)** US

(43) 13.03.2025
(72) Johnson, Regan; Moll, Joseph; Ho, Ying K; Henry, Robert; O'Connor, Carolina C.; Sokolowski, Lee
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Cugene Inc.
(11) AU-A-2025201170
(21) 2025201170 **(22)** 19.02.2025
(54) Interleukin-2 variants and methods of uses thereof
(51) Int. Cl.
A61K 38/20 (2006.01)
(43) 13.03.2025
(62) 2019288496
(72) Li, Yue-Sheng; RUI, Lingyun; XU, Jing
(74) Spruson & Ferguson

(71) Cugene Inc.
(11) AU-A-2025201175
(21) 2025201175 **(22)** 19.02.2025
(54) Novel interleukin-15 (1L-15) fusion proteins and uses thereof
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/20 (2006.01)
A61K 45/06 (2006.01)
C07K 1/16 (2006.01)
C07K 1/18 (2006.01)
(43) 13.03.2025
(62) 2019288471
(72) Li, Yue-Sheng; RUI, Lingyun; XU, Jing
(74) Spruson & Ferguson

(71) Deere & Company
(11) AU-A-2024204973
(21) 2024204973 **(22)** 19.07.2024
(54) Verify implement receiver physical mounting location by using the machine and implement receiver actual reported locations
(51) Int. Cl.
A01B 69/00 (2006.01)
A01B 79/00 (2006.01)
(31) 18/454,541 **(32)** 23.08.23 **(33)** US
(43) 13.03.2025
(72) Morford, Adam J.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2024205048
(21) 2024205048 **(22)** 24.07.2024
(54) Box blade
(51) Int. Cl.
E02F 3/76 (2006.01)
E02F 3/815 (2006.01)
(31) 18/455,827 **(32)** 25.08.23 **(33)** US
(43) 13.03.2025
(72) Simon, Mark A.; Narayanan, Arun; Rokusek, Nicholas J.; Graham, Brett S.
(74) Davies Collison Cave Pty Ltd

(71) DePuy Ireland Unlimited Company
(11) AU-A-2025201272
(21) 2025201272 **(22)** 21.02.2025

(54) Surgical device and method
(51) Int. Cl.
A61B 90/00 (2016.01)
A61B 17/15 (2006.01)
(43) 13.03.2025
(62) 2019295331
(72) BEVERLAND, David; LOWRY, Conor; TOMLINSON, Mark; YOUNG, Duncan
(74) Spruson & Ferguson

Devi, M.R. see Hamid, M.A.
(21) 2023226750

Devi, R. see Hamid, A.
(21) 2023233158

Devi, R. see Hamid, A.
(21) 2023233159

Devi, R. see Hamid, A.
(21) 2023233160

Devi, R. see Hamid, A.
(21) 2023233161

Devi, R. see Hamid, A.
(21) 2023233162

Devi, R. see Hamid, A.
(21) 2023233163

Devi, R. see Hamid, A.
(21) 2023233164

Devi, R. see Hamid, A.
(21) 2023233165

Devi, R. see Hamid, A.
(21) 2023233166

Devi, R. see Hamid, A.
(21) 2023233167

Devi, R. see Hamid, A.
(21) 2023233168

Devi, R. see Hamid, A.
(21) 2023233169

Devi, R. see Hamid, A.
(21) 2023233170

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

Applications Open to Public Inspection - Name Index cont'd

(71) Dolby International AB
 (11) AU-A-2025200617
 (21) 2025200617 (22) 30.01.2025
 (54) Cross Product Enhanced Subband Block Based Harmonic Transposition
 (51) Int. Cl.
G10L 21/02 (2013.01)
G10L 21/038 (2013.01)
G10L 21/04 (2013.01)
 (43) 13.03.2025
 (62) 2024204430
 (72) Villemoes, Lars
 (74) Chrysiliou IP

(71) Dometic Sweden AB
 (11) AU-A-2025201267
 (21) 2025201267 (22) 21.02.2025
 (54) Heating, ventilation and air conditioning system with illumination
 (51) Int. Cl.
B60H 1/00 (2006.01)
F24F 13/078 (2006.01)
 (43) 13.03.2025
 (62) 2019291452
 (72) JUREK, Todd
 (74) Spruson & Ferguson

(71) Dong Guan Wealth Sporting Goods., Ltd.
 (11) AU-A-2024204569
 (21) 2024204569 (22) 01.07.2024
 (54) EASY-TO-DISASSEMBLE CONNECT-OR AND SPORT TRAINING EQUIPMENT
 (51) Int. Cl.
A63B 43/00 (2006.01)
A63B 67/10 (2006.01)
 (31) 202322243932.6 (32) 21.08.23 (33) CN
 (43) 13.03.2025
 (72) Van Der Velde, Jurgen Niko Johan
 (74) Madderns Pty Ltd

(71) Dyno Nobel Asia Pacific Pty Limited
 (11) AU-A-2025201264
 (21) 2025201264 (22) 21.02.2025
 (54) Phase-stabilized ammonium nitrate prills and related products and methods
 (51) Int. Cl.
C06B 21/00 (2006.01)
C06B 31/02 (2006.01)
C06B 31/28 (2006.01)
 (43) 13.03.2025
 (62) 2020218001
 (72) GORE, Jeff; GRAHAM, Brian
 (74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation
 (11) AU-A-2025201212
 (21) 2025201212 (22) 20.02.2025
 (54) Catheterization method and apparatus
 (51) Int. Cl.
A61B 5/0215 (2006.01)
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)

(43) 13.03.2025
 (62) 2019388851
 (72) TYLER, Gregory Scott; LE, Thanh Huy; NGUYEN, Tam Van; MONTOYA, Daniel James; STEARNS, Grant Matthew; DIXON, Eric Robert
 (74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation
 (11) AU-A-2025201213
 (21) 2025201213 (22) 20.02.2025
 (54) Systems and methods for sizing and implanting prosthetic heart valves
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (43) 13.03.2025
 (62) 2019332971
 (72) BIALAS, Michael R.; GERARD, Robert James; SENESH, Gil
 (74) Spruson & Ferguson

(71) Elanco US Inc.
 (11) AU-A-2025201182
 (21) 2025201182 (22) 19.02.2025
 (54) Anti-IL31 antibodies for veterinary use
 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
 (43) 13.03.2025
 (62) 2018224711
 (72) Li, Shyr Jiann; Nguyen, Lam; Zhan, Hangjun
 (74) Griffith Hack

Electric Power Research Institute of State Grid Liaoning Electric Power Co., Ltd. see China Electric Power Research Institute
 (21) 2024205367

(71) ELI LILLY AND COMPANY; FUJIMORI KOGYO CO., LTD.
 (11) AU-A-2025201220
 (21) 2025201220 (22) 20.02.2025
 (54) Medicament Container
 (51) Int. Cl.
A61J 1/14 (2023.01)
A61J 1/10 (2006.01)
 (43) 13.03.2025
 (62) 2022266599
 (72) HAYASHI, Yuki; NAKAMURA, Masaya
 (74) WRAYS PTY LTD

(71) EXEL Industries
 (11) AU-A-2024205768
 (21) 2024205768 (22) 14.08.2024
 (54) Garden watering flow meters
 (51) Int. Cl.
A01G 25/16 (2006.01)
 (31) 2312824.2 (32) 22.08.23 (33) GB
 (43) 13.03.2025
 (72) IACIOFANO, Nicolino; BALLU, Marc
 (74) FB Rice Pty Ltd

(71) Exsomed Corporation
 (11) AU-A-2025201271

(21) 2025201271 (22) 21.02.2025
 (54) Intramedullary threaded nail for radial cortical fixation
 (51) Int. Cl.
A61B 17/72 (2006.01)
A61B 17/68 (2006.01)
A61B 17/86 (2006.01)

(43) 13.03.2025
 (62) 2024219554
 (72) CHAMPAGNE, Lloyd P.; ZOL-DOS, Jozef; BRIGANTI, Richard T.; LEITHER, Andrew J.
 (74) FB Rice Pty Ltd

(71) Fan, E.
 (11) AU-A-2023254875
 (21) 2023254875 (22) 23.10.2023
 (54) Holder With Harness
 (51) Int. Cl.
F16M 13/02 (2006.01)
F16M 11/10 (2006.01)
 (31) 202322265971.6 (32) 23.08.23 (33) CN
 (43) 13.03.2025
 (72) Fan, Eagle
 (74) WRAYS PTY LTD

(71) Field Engine Wildlife Research and Management LLC
 (11) AU-A-2025201244
 (21) 2025201244 (22) 21.02.2025
 (54) Animal trap
 (51) Int. Cl.
A01M 23/22 (2006.01)
 (43) 13.03.2025
 (62) 2022263584
 (72) DeNICOLA, Anthony J.
 (74) GLMR

(71) FMI BUILDING INNOVATION LIMITED
 (11) AU-A-2023219803
 (21) 2023219803 (22) 21.08.2023
 (54) IMPROVED SECURITY DOOR ASSEMBLY
 (51) Int. Cl.
E06B 5/11 (2006.01)
E06B 9/01 (2006.01)
E06B 9/52 (2006.01)
 (43) 13.03.2025
 (72) LEWIS, Warren
 (74) AJ PARK

Foldax, Inc. see California Institute of Technology
 (21) 2025201266

(71) Foshan Baitai Auto Accessories Co., Ltd
 (11) AU-A-2024202459
 (21) 2024202459 (22) 16.04.2024
 (54) HIGH-STRENGTH LIGHTWEIGHT AUTOMOBILE COMPARTMENT TON-NEAU COVER
 (51) Int. Cl.
B60J 7/16 (2006.01)
 (31) 202311204132.1 (32) 18.09.23 (33) CN
 202322535266.3 18.09.23 CN

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202322290371.5	24.08.23	CN	(71) Green Eco International Pty Ltd	(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
202322290544.3	24.08.23	CN	(11) AU-A-2025201176	(11) AU-A-2023233158
202322396229.9	04.09.23	CN	(21) 2025201176 (22) 19.02.2025	(21) 2023233158 (22) 13.12.2023
202322396333.8	04.09.23	CN	(54) System and method for food waste decomposition	(54) Organic Biochar Solution: RIDSAFE & REPELLENT CONTROL Bio Pesticide
202420241550.1	31.01.24	CN	(51) Int. Cl.	(51) Int. Cl.
202420276487.5	04.02.24	CN	(51) Int. Cl.	(51) Int. Cl.
(43) 13.03.2025			B09B 3/00 (2022.01)	A01N 25/08 (2006.01)
(72) XIA, Yong			A61L 11/00 (2006.01)	A01N 53/00 (2006.01)
(74) Remarkable IP			B02C 23/24 (2006.01)	A01N 59/00 (2006.01)
			(43) 13.03.2025	A01N 59/14 (2006.01)
			(62) 2022283670	A01N 65/26 (2009.01)
			(72) HOEN, Jason; DINN, Rohan; NEW-MAN, Paul; ROTHWELL, Neal; SHARI-FI-JAMALI, Siamak; MCARTNEY, Brian; PINCHEN, Stephen; BUSH, Paul; BRIERLEY, Neil	A01P 7/04 (2006.01)
			(74) FB Rice Pty Ltd	(31) 2023902723 (32) 24.08.23 (33) AU
				(43) 13.03.2025
				(72) Hamid, Aiaz
				(74) Aiaz Junior Hamid
FUJIMORI KOGYO CO., LTD. see ELI LILLY AND COMPANY			(71) Guangzhou Joyson Cleaning Products Co., Ltd.	Hamid, R. see Hamid, A.
(21) 2025201220			(11) AU-A-2023258446	(21) 2023233159
			(21) 2023258446 (22) 26.08.2023	
			(54) TABLEWARE DETERGENT TABLET, AND METHODS FOR PREPARING AND USING THE SAME	
			(51) Int. Cl.	Hamid, A. see Hamid, A.
			C11D 3/37 (2006.01)	(21) 2023233159
			C11D 3/60 (2006.01)	
			C11D 17/00 (2006.01)	
			(43) 13.03.2025	
			(72) SUN, Jianfeng; LI, Fenglei; SUN, Min; ZENG, Xiangjian; LAN, Na; HUANG, Yumei	(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
			(74) Alder IP Pty Ltd	(11) AU-A-2023233159
				(21) 2023233159 (22) 13.12.2023
				(54) Biochar-Seaweed Synergy: Revolutionizing Organic Plant Growth
				(51) Int. Cl.
				C05F 11/00 (2006.01)
				C05F 11/02 (2006.01)
				C05G 5/20 (2020.01)
				(31) 2023902680 (32) 22.08.23 (33) AU
				(43) 13.03.2025
				(72) Hamid, Aiaz
				(74) Aiaz Junior Hamid
				Hamid, R. see Hamid, A.
				(21) 2023233160
				Hamid, A. see Hamid, A.
				(21) 2023233160
				Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
				(11) AU-A-2023233160
				(21) 2023233160 (22) 13.12.2023
				(54) BioCharSeaweed: Green Carbon Biofertilizer
				(51) Int. Cl.
				C05F 1/00 (2006.01)
				C12P 5/02 (2006.01)
				(31) 2023902673 (32) 22.08.23 (33) AU
				(43) 13.03.2025
				(72) Hamid, Aiaz
				(74) Aiaz Junior Hamid
				Hamid, R. see Hamid, A.
				(21) 2023233161
				Hamid, R. see Hamid, A.
				(21) 2023233158
				Hamid, A. see Hamid, A.
				(21) 2023233158
				Hamid, A. see Hamid, A.

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(21) 2023233161

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233161
(21) 2023233161 (22) 13.12.2023
(54) Organic Seaweed PestGuard: Innovative Agriculture Bio-Pesticide
(51) Int. Cl.
A01N 43/16 (2006.01)
A01N 25/04 (2006.01)
A01N 53/00 (2006.01)
A01N 65/26 (2009.01)
A01N 65/28 (2009.01)
A01P 7/04 (2006.01)
(31) 2023902682 (32) 22.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

Hamid, R. see Hamid, A.
(21) 2023233162

Hamid, A. see Hamid, A.
(21) 2023233162

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233162
(21) 2023233162 (22) 13.12.2023
(54) "BiocharPlus: Revolutionizing Soil Health and Carbon Capture"
(51) Int. Cl.
C09K 17/50 (2006.01)
(31) 2023902725 (32) 24.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

Hamid, R. see Hamid, A.
(21) 2023233163

Hamid, A. see Hamid, A.
(21) 2023233163

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233163
(21) 2023233163 (22) 13.12.2023
(54) BioSeaNourish: Synergistic Biochar & Seaweed Plant Biofertilizer
(51) Int. Cl.
C05F 11/00 (2006.01)
C05F 11/02 (2006.01)
C05G 5/20 (2020.01)
(31) 2023902679 (32) 22.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

Hamid, R. see Hamid, A.
(21) 2023233164

Hamid, A. see Hamid, A.
(21) 2023233164

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233164
(21) 2023233164 (22) 13.12.2023
(54) BioCharSea: Empowering Organic Agriculture with Advanced Plant Biofertiliser
(51) Int. Cl.
C05F 11/00 (2006.01)
C05F 11/02 (2006.01)
C05G 5/20 (2020.01)
C12P 5/02 (2006.01)
(31) 2023902677 (32) 22.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

Hamid, R. see Hamid, A.
(21) 2023233165

Hamid, A. see Hamid, A.
(21) 2023233165

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233165
(21) 2023233165 (22) 13.12.2023
(54) Seaweed-Powered Bio Pest & Fungus Control: RIDSAFE
(51) Int. Cl.
A01N 65/03 (2009.01)
A01N 25/02 (2006.01)
A01N 53/00 (2006.01)
A01P 7/04 (2006.01)
A01G 33/00 (2006.01)
(31) 2023902681 (32) 22.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

Hamid, R. see Hamid, A.
(21) 2023233166

Hamid, A. see Hamid, A.
(21) 2023233166

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233166
(21) 2023233166 (22) 13.12.2023
(54) Biochar-Seaweed Root Boost: Organic Growth Enhancer
(51) Int. Cl.
C05F 11/00 (2006.01)
C05F 11/02 (2006.01)
C05G 5/20 (2020.01)
C12P 5/02 (2006.01)
(31) 2023902676 (32) 22.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

Hamid, R. see Hamid, A.
(21) 2023233167

Hamid, A. see Hamid, A.
(21) 2023233167

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233167
(21) 2023233167 (22) 13.12.2023
(54) BioChar CleanSoil: Revolutionary Soil Purification & Restoration
(51) Int. Cl.
B09C 1/08 (2006.01)
(31) 2023902724 (32) 24.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

Hamid, R. see Hamid, A.
(21) 2023233168

Hamid, A. see Hamid, A.
(21) 2023233168

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233168
(21) 2023233168 (22) 13.12.2023
(54) GreenFeed Pro: Transformative Livestock Nutrition with GHG Capture
(51) Int. Cl.
A23K 20/10 (2016.01)
A23K 20/20 (2016.01)
(31) 2023902726 (32) 24.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

Hamid, R. see Hamid, A.
(21) 2023233169

Hamid, A. see Hamid, A.
(21) 2023233169

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233169
(21) 2023233169 (22) 13.12.2023
(54) Biochar Boost: Revolutionizing Livestock Nutrition and GHG Mitigation
(51) Int. Cl.
A23K 20/10 (2016.01)
A23K 20/20 (2016.01)
A61K 9/14 (2006.01)
A61K 33/44 (2006.01)
A61K 36/03 (2006.01)
A61K 36/58 (2006.01)
(31) 2023902726 (32) 24.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

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Hamid, R. see Hamid, A.
(21) 2023233170

Hamid, A. see Hamid, A.
(21) 2023233170

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233170
(21) 2023233170 (22) 13.12.2023
(54) BiocharPure: Revolutionary Off-Grid Water Purification Bags
(51) Int. Cl.
C02F 1/28 (2023.01)
B01J 20/20 (2006.01)
B01J 20/28 (2006.01)
B01J 20/30 (2006.01)
(31) 2023902722 (32) 24.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

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

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

(71) Hamid, A.; Hamid, R.; Hamid, A.; Devi, R.
(11) AU-A-2023233171
(21) 2023233171 (22) 13.12.2023
(54) Biochar-Seaweed Supercharge: Organic Liquid Fertilizer for Fruitful Growth
(51) Int. Cl.
C05F 11/00 (2006.01)
C05F 11/02 (2006.01)
C05G 5/20 (2020.01)
(31) 2023902678 (32) 22.08.23 (33) AU
(43) 13.03.2025
(72) Hamid, Aiaz
(74) Aiaz Junior Hamid

(71) Hanshow Technology Co., Ltd.
(11) AU-A-2024202974
(21) 2024202974 (22) 06.05.2024
(54) Positioning method for electronic shelf label, computer device, and storage medium
(51) Int. Cl.
G06Q 10/08 (2023.01)
G06K 1/00 (2006.01)
G06Q 10/04 (2023.01)
(31) 202311075762.3 (32) 24.08.23 (33) CN
(43) 13.03.2025
(72) LIANG, Min; JI, Yaping; YU, Sicheng
(74) Griffith Hack

(71) Hanwha Corporation
(11) AU-A-2025201255
(21) 2025201255 (22) 21.02.2025
(54) Device And Method Thereof For Determining Detonator Information By Using Wireless Signal

(51) Int. Cl.
F42D 1/00 (2006.01)
(43) 13.03.2025
(62) 2022283749
(72) CHOI, Jeong Ho
(74) WRAYS PTY LTD

(71) Hitachi, Ltd.
(11) AU-A-2025201234
(21) 2025201234 (22) 21.02.2025
(54) Train operation support system and train operation support method
(51) Int. Cl.
G06Q 50/40 (2024.01)
B61L 27/10 (2022.01)
B61L 27/12 (2022.01)
B61L 27/16 (2022.01)
G06Q 10/04 (2023.01)
G06Q 10/063 (2023.01)
(43) 13.03.2025
(62) 2021403968
(72) UEMATSU, Ryota; MINAKAWA, Tsuyoshi; MAEKAWA, Yuki
(74) Davies Collison Cave Pty Ltd

(71) Howmedica Osteonics Corp.
(11) AU-A-2025201268
(21) 2025201268 (22) 21.02.2025
(54) Orthopedic leg alignment system and method
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
(43) 13.03.2025
(62) 2022287628
(72) CHAPMAN, Ryan M.; VAN CITTERS, Doug W.; GOODCHILD, Gordon
(74) Spruson & Ferguson

Icahn School of Medicine at Mount Sinai see Stichting Katholieke Universiteit
(21) 2025201252

(71) ICU Medical, Inc.
(11) AU-A-2025201196
(21) 2025201196 (22) 20.02.2025
(54) Updating infusion pump drug libraries and operational software in a networked environment
(51) Int. Cl.
G06F 9/00 (2006.01)
A61M 5/00 (2006.01)
G06F 9/445 (2018.01)
G16H 20/17 (2018.01)
G16H 40/40 (2018.01)
(43) 13.03.2025
(62) 2019306490
(72) XAVIER, Ben; KRABBE, Dennis; ENGER, Larry; DEOSTHALE, Chaitanya; ISENSEE, Anthony
(74) Davies Collison Cave Pty Ltd

(71) Ideal Brain Co., Ltd
(11) AU-A-2024213155
(21) 2024213155 (22) 22.08.2024
(54) Vacuum heat insulating panel

(51) Int. Cl.
E04B 1/80 (2006.01)
B32B 7/027 (2019.01)
B32B 7/05 (2019.01)
B32B 7/12 (2006.01)
B32B 15/082 (2006.01)
E04C 2/08 (2006.01)
E04C 2/32 (2006.01)
E04C 2/36 (2006.01)
F16L 59/065 (2006.01)
(31) 2023-136615 (32) 24.08.23 (33) JP
(43) 13.03.2025
(72) MATSUNAGA, Tomoya; OSHIMA, Kazuhito; SATO, Takanori
(74) Spruson & Ferguson

(71) Illinois Tool Works Inc.
(11) AU-A-2023219910
(21) 2023219910 (22) 24.08.2023
(54) Apparatus for forming a pathway joint
(51) Int. Cl.
E01C 11/10 (2006.01)
E01C 7/14 (2006.01)
(43) 13.03.2025
(72) MASON, Greg Stephen
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2023219913
(21) 2023219913 (22) 24.08.2023
(54) Apparatus for forming a pathway joint
(51) Int. Cl.
E01C 11/10 (2006.01)
E01C 7/14 (2006.01)
(43) 13.03.2025
(72) MASON, Greg Stephen
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2023219916
(21) 2023219916 (22) 24.08.2023
(54) Apparatus for forming a pathway joint
(51) Int. Cl.
E01C 11/10 (2006.01)
E01C 7/14 (2006.01)
(43) 13.03.2025
(72) MASON, Greg Stephen
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2023219918
(21) 2023219918 (22) 24.08.2023
(54) Apparatus for forming a pathway joint
(51) Int. Cl.
E01C 11/10 (2006.01)
E01C 7/14 (2006.01)
(43) 13.03.2025
(72) MASON, Greg Stephen
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2024205842
(21) 2024205842 (22) 16.08.2024
(54) Tie bar assembly
(51) Int. Cl.
E04B 1/58 (2006.01)

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E04B 1/04 (2006.01)
E04B 1/16 (2006.01)
E04B 1/48 (2006.01)
E04C 5/01 (2006.01)
(31) 63/578,527 **(32)** 24.08.23 **(33)** US
 18/801,066 12.08.24 US
(43) 13.03.2025
(72) Wiatrowski, Darrell A.; Pappas, Steve A.
(74) Davies Collison Cave Pty Ltd

(71) Infinant Health, Inc
(11) AU-A-2024264651
(21) 2024264651 **(22)** 14.11.2024
(54) ACTIVATED BIFIDOBACTERIA AND METHODS OF USE THEREOF
(51) Int. Cl.
A61K 35/74 (2015.01)
A23C 9/12 (2006.01)
A61K 31/702 (2006.01)
A61P 1/00 (2006.01)
(43) 13.03.2025
(62) 2021204822
(72) Kyle, David; Mills, David; Freeman-Sharkey, Samara
(74) Pearce IP Pty Ltd

(71) Infosys Limited
(11) AU-A-2024201302
(21) 2024201302 **(22)** 27.02.2024
(54) METHOD AND SYSTEM FOR GENERATING CONTEXTUAL THUMBNAIL PREVIEWS
(51) Int. Cl.
G06N 20/00 (2019.01)
G06F 3/0481 (2022.01)
G06F 16/44 (2019.01)
G06N 3/02 (2006.01)
G06N 5/00 (2023.01)
(31) 18/238,466 **(32)** 26.08.23 **(33)** US
 18/527,344 03.12.23 US
(43) 13.03.2025
(72) WESTON-LEWIS, Sebastian
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Infosys Limited
(11) AU-A-2024201808
(21) 2024201808 **(22)** 20.03.2024
(54) METHOD AND SYSTEM FOR HYPER-LOCALISATION OF APPLICATIONS
(51) Int. Cl.
G06F 9/451 (2018.01)
G06F 16/17 (2019.01)
G06N 20/00 (2019.01)
G06Q 10/06 (2023.01)
(31) 18/238,466 **(32)** 26.08.23 **(33)** US
(43) 13.03.2025
(72) WESTON-LEWIS, Sebastian
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Innovation Concepts Pty Ltd
(11) AU-A-2024202472
(21) 2024202472 **(22)** 16.04.2024
(54) Exclusion zone demarcation

(51) Int. Cl.
E01F 9/669 (2016.01)
E01F 9/677 (2016.01)
E01F 9/681 (2016.01)
E21F 11/00 (2006.01)
F16B 7/04 (2006.01)
F16B 9/00 (2006.01)
G09F 17/00 (2006.01)
G09F 19/22 (2006.01)
(31) 2023902655 **(32)** 21.08.23 **(33)** AU
(43) 13.03.2025
(72) Aleksovski, Jovica
(74) BRM Patent Attorneys Pty Ltd

(71) Intelligent Robotics Pty Ltd
(11) AU-A-2024204023
(21) 2024204023 **(22)** 13.06.2024
(54) An Automated System for Orienting a Meat Carcass for Subsequent Processing and an Associated Method
(51) Int. Cl.
A22B 7/00 (2006.01)
A22C 17/00 (2006.01)
A22C 17/02 (2006.01)
B25J 11/00 (2006.01)
(31) 2023902671 **(32)** 22.08.23 **(33)** AU
(43) 13.03.2025
(72) Guard, Kristian; Enfield, Todd; Martchenko, Andrew; Cook, Jonathan
(74) Adams Pluck

(71) Intertrust Technologies Corporation
(11) AU-A-2025201164
(21) 2025201164 **(22)** 19.02.2025
(54) CONNECTED DEVICE INFORMATION MANAGEMENT SYSTEMS AND METHODS
(51) Int. Cl.
G06Q 50/06 (2024.01)
G06Q 10/04 (2023.01)
G07F 15/00 (2006.01)
G07F 15/08 (2006.01)
H02J 3/14 (2006.01)
H02J 13/00 (2006.01)
(43) 13.03.2025
(62) 2020271070
(72) MAHER, David P.
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) i-SENS, Inc.
(11) AU-A-2024213143
(21) 2024213143 **(22)** 22.08.2024
(54) METHOD FOR CALIBRATING SENSITIVITY FOR GLUCOSE MEASUREMENT
(51) Int. Cl.
A61B 5/1495 (2006.01)
A61B 5/145 (2006.01)
G01R 17/22 (2006.01)
(31) 10-2023-0110958 **(32)** 24.08.23 **(33)** KR
(43) 13.03.2025
(72) LEE, Da-vid
(74) LAMINAR IP PTY LTD

(71) Jack Fuse Pty Ltd
(11) AU-A-2024205579

(21) 2024205579 **(22)** 07.08.2024
(54) An improved switch unit.
(51) Int. Cl.
H01H 3/02 (2006.01)
G08B 25/00 (2006.01)
G08B 25/12 (2006.01)
G08B 25/14 (2006.01)
(31) 2023902736 **(32)** 25.08.23 **(33)** AU
(43) 13.03.2025
(72) McKeon, Ken
(74) Davies Collison Cave Pty Ltd

KEMCO see KOREA ZINC CO.,LTD.
(21) 2024213148

KEMCO see KOREA ZINC CO.,LTD.
(21) 2024213149

KEMCO see KOREA ZINC CO.,LTD.
(21) 2024213150

KEMCO see KOREA ZINC CO.,LTD.
(21) 2024213153

KEMCO see KOREA ZINC CO.,LTD.
(21) 2024213154

(71) Kite Pharma, Inc.; The United States of America, as represented by The Secretary, Department of Health and Human Services
(11) AU-A-2025201205
(21) 2025201205 **(22)** 20.02.2025
(54) Methods for producing autologous T cells useful to treat B cell malignancies and other cancers and compositions thereof
(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 35/14 (2015.01)
(43) 13.03.2025
(62) 2022224780
(72) BETTER, Marc; FELDMAN, Steven A.; ROSENBERG, Steven A.
(74) Spruson & Ferguson

(71) KOREA ZINC CO.,LTD.; KEMCO
(11) AU-A-2024213148
(21) 2024213148 **(22)** 18.04.2024
(54) ALL-IN-ONE NICKEL SMELTING METHOD FOR NICKEL RECOVERY FROM RAW MATERIALS CONTAINING NICKEL

(51) Int. Cl.
C22B 23/00 (2006.01)
C01G 53/10 (2006.01)
C22B 1/06 (2006.01)
C22B 3/06 (2006.01)
C22B 3/08 (2006.01)
C22B 3/10 (2006.01)
C22B 3/20 (2006.01)
C22B 3/26 (2006.01)
(31) 10-2023-0112131 **(32)** 25.08.23 **(33)** KR
 10-2023-0146807 30.10.23 KR

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(43) 13.03.2025
(72) CHOI, Heon Sik; LEE, Je Joong
(74) ET Intellectual Property

(71) KOREA ZINC CO.,LTD.; KEMCO
(11) AU-A-2024213149
(21) 2024213149 (22) 18.04.2024
(54) ALL-IN-ONE NICKEL SMELTING
METHOD FOR NICKEL HYDROXIDE
RECOVERY FROM RAW MATERIALS
CONTAINING NICKEL

(51) Int. Cl.
C22B 23/00 (2006.01)
C01G 53/04 (2006.01)
C22B 1/06 (2006.01)
C22B 3/06 (2006.01)
C22B 3/08 (2006.01)
C22B 3/10 (2006.01)
C22B 3/20 (2006.01)
C22B 3/26 (2006.01)

(31) 10-2023-0112131 (32) 25.08.23 (33) KR
10-2024-0003645 09.01.24 KR

(43) 13.03.2025
(72) CHOI, Heon Sik; LEE, Je Joong
(74) ET Intellectual Property

(71) KOREA ZINC CO.,LTD.; KEMCO
(11) AU-A-2024213150
(21) 2024213150 (22) 18.04.2024
(54) ALL-IN-ONE NICKEL SMELTING
METHOD FOR NICKEL METAL RE-
COVERY FROM RAW MATERIALS
CONTAINING NICKEL

(51) Int. Cl.
C22B 23/00 (2006.01)
C22B 1/06 (2006.01)
C22B 3/06 (2006.01)
C22B 3/08 (2006.01)
C22B 3/10 (2006.01)
C22B 3/20 (2006.01)
C22B 3/26 (2006.01)

(31) 10-2023-0112131 (32) 25.08.23 (33) KR
10-2024-0003647 09.01.24 KR

(43) 13.03.2025
(72) CHOI, Heon Sik; LEE, Je Joong
(74) ET Intellectual Property

(71) KOREA ZINC CO.,LTD.; KEMCO
(11) AU-A-2024213153
(21) 2024213153 (22) 18.04.2024
(54) ALL-IN-ONE NICKEL SMELTING
METHOD FOR NICKEL OXIDE RE-
COVERY FROM RAW MATERIALS
CONTAINING NICKEL

(51) Int. Cl.
C22B 23/00 (2006.01)
C01G 53/04 (2006.01)
C22B 1/06 (2006.01)
C22B 3/06 (2006.01)
C22B 3/08 (2006.01)
C22B 3/10 (2006.01)
C22B 3/20 (2006.01)
C22B 3/26 (2006.01)

(31) 10-2023-0112131 (32) 25.08.23 (33) KR
10-2024-0003684 09.01.24 KR

(43) 13.03.2025
(72) CHOI, Heon Sik; LEE, Je Joong
(74) ET Intellectual Property

(71) KOREA ZINC CO.,LTD.; KEMCO
(11) AU-A-2024213154
(21) 2024213154 (22) 04.07.2024
(54) PREPARING METHOD OF NICK-
EL SULFATE AQUEOUS SOLUTION
FROM RAW MATERIALS CONTAIN-
ING NICKEL

(51) Int. Cl.
C22B 23/00 (2006.01)
C01G 53/10 (2006.01)
C22B 1/06 (2006.01)
C22B 3/06 (2006.01)
C22B 3/08 (2006.01)
C22B 3/10 (2006.01)
C22B 3/20 (2006.01)
C22B 3/26 (2006.01)

(31) 10-2023-0112131 (32) 25.08.23 (33) KR
10-2024-0080945 21.06.24 KR

(43) 13.03.2025
(72) CHOI, Heon Sik; LEE, Je Joong
(74) ET Intellectual Property

(71) Lam, T.T.
(11) AU-A-2023219991
(21) 2023219991 (22) 27.08.2023
(54) MAGNETIC POWERTRAIN FOR
WAVE ENERGY CONVERTERS

(51) Int. Cl.
F03B 13/14 (2006.01)
B63B 35/38 (2006.01)
B63B 35/44 (2006.01)
H01F 7/02 (2006.01)
H02K 49/10 (2006.01)
F03B 13/22 (2006.01)
F03D 9/00 (2016.01)
F03D 9/25 (2016.01)

(43) 13.03.2025
(72) Lam, Thanh Tri
(74) Thanh Tri Lam

(71) LG Electronics Inc.
(11) AU-A-2024204040
(21) 2024204040 (22) 14.06.2024
(54) ANTENNA MODULE IMPLEMENTED
IN MULTI-LAYER PACKAGE AND
ELECTRONIC DEVICE COMPRISING
THE SAME

(51) Int. Cl.
H01Q 21/06 (2006.01)
H01Q 1/22 (2006.01)
H01Q 1/24 (2006.01)
H01Q 1/36 (2006.01)
H01Q 1/48 (2006.01)
H01Q 9/20 (2006.01)
H01Q 21/00 (2006.01)
H01Q 21/20 (2006.01)

(31) 10-2023-0112089 (32) 25.08.23 (33) KR

(43) 13.03.2025
(72) SUH, Yusuhk; LEE, Dongik; WOO,
Seungmin

(74) Dentons Patent Attorneys Australasia
Limited

(71) LG Electronics Inc.
(11) AU-A-2025201275
(21) 2025201275 (22) 21.02.2025

(54) Ice maker and refrigerator
(51) Int. Cl.

F25C 1/24 (2018.01)
F25C 1/18 (2006.01)
F25C 1/25 (2018.01)
F25C 5/08 (2006.01)
F25D 23/02 (2006.01)

(43) 13.03.2025
(62) 2023202861
(72) KIM, Yonghyun; HONG, Jinil; PARK,
Hyunji
(74) FB Rice Pty Ltd

(71) Lumiphore, Inc.
(11) AU-A-2025201197
(21) 2025201197 (22) 20.02.2025
(54) MACROCYCLIC LIGANDS WITH
PENDANT CHELATING MOIETIES
AND COMPLEXES THEREOF
(51) Int. Cl.
A61K 51/04 (2006.01)
C07D 401/14 (2006.01)

(43) 13.03.2025
(62) 2019230195
(72) TATUM, David; XU, Jide; MAGDA, Dar-
ren; BUTLIN, Nathaniel
(74) Pizeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) MACLEON, LLC
(11) AU-A-2025201193
(21) 2025201193 (22) 20.02.2025
(54) Optical Fiber Cable and System and
Method of Distributing Ultra High Power
Using the Same
(51) Int. Cl.
F21V 29/56 (2015.01)
F28D 15/02 (2006.01)
G02B 6/44 (2006.01)
G08C 23/06 (2006.01)

(43) 13.03.2025
(62) 2022210766
(72) McKenna, Edward; Wallace, Gerald Le-
on Jr.
(74) Michael Buck IP

(71) MAKO Surgical Corp.
(11) AU-A-2025201248
(21) 2025201248 (22) 21.02.2025
(54) Systems and methods for identifying
and tracking physical objects during a
robotic surgical procedure
(51) Int. Cl.
A61B 34/32 (2016.01)
A61B 34/30 (2016.01)

(43) 13.03.2025
(62) 2022231780
(72) Roessler, Patrick
(74) Davies Collison Cave Pty Ltd

(71) MAKO Surgical Corp.
(11) AU-A-2025201274
(21) 2025201274 (22) 21.02.2025
(54) Systems and tools for use with surgical
robotic manipulators
(51) Int. Cl.
A61B 17/32 (2006.01)

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A61B 34/30 (2016.01)
A61B 90/98 (2016.01)
F16D 1/08 (2006.01)
F16D 1/10 (2006.01)
F16D 15/00 (2006.01)
(43) 13.03.2025
(62) 2023204658
(72) Flatt, James E.
(74) Davies Collison Cave Pty Ltd

(71) Mapp Biopharmaceutical, Inc.; Albert Einstein College of Medicine, Inc.; Adimab, LLC
(11) AU-A-2025201226
(21) 2025201226 **(22)** 21.02.2025
(54) Monoclonal antibodies and cocktails for treatment of Ebola infections
(51) Int. Cl.
C07K 16/00 (2006.01)
C07K 16/10 (2006.01)
(43) 13.03.2025
(62) 2018221172
(72) BORNHOLDT, Zachary A.; ZEITLIN, Larry; CHANDRAN, Kartik; WEC, Anna; WALKER, Laura
(74) Spruson & Ferguson

(71) Massachusetts Institute of Technology
(11) AU-A-2025201276
(21) 2025201276 **(22)** 21.02.2025
(54) SELF-HEALING AND DURABLE CEMENT PASTE, MORTARS, AND CONCRETES
(51) Int. Cl.
C04B 7/14 (2006.01)
C04B 18/06 (2006.01)
C04B 28/18 (2006.01)
(43) 13.03.2025
(62) 2019255380
(72) MASIC, Admir; SEYMOUR, Linda
(74) Davies Collison Cave Pty Ltd

(71) Max-Planck-Gesellschaft zur Forderung der Wissenschaften eV
(11) AU-A-2025201281
(21) 2025201281 **(22)** 21.02.2025
(54) Peptide purification using mixed-phase solid phase extraction material
(51) Int. Cl.
C07K 1/16 (2006.01)
(43) 13.03.2025
(62) 2022200704
(72) KULAK, Nils A.; PICHLER, Garwin; MANN, Matthias
(74) Griffith Hack

(71) Mayo Foundation for Medical Education and Research
(11) AU-A-2025200808
(21) 2025200808 **(22)** 06.02.2025
(54) METHODS AND MATERIALS FOR USING FIBRIN SUPPORTS FOR RETINAL PIGMENT EPITHELIUM TRANSPLANTATION
(51) Int. Cl.
A61K 38/36 (2006.01)
A61K 38/39 (2006.01)

A61L 24/10 (2006.01)
A61L 27/58 (2006.01)
C12M 3/00 (2006.01)
C12N 5/00 (2006.01)
(43) 13.03.2025
(62) 2017372468
(72) Marmorstein, Alan D.; Iezzi, Raymond; Gandhi, Jarel K.; Pulido, Jose S.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Mayo Foundation for Medical Education and Research; Unity Biotechnology, Inc.; Buck Institute for Research on Aging; The Johns Hopkins University
(11) AU-A-2025201216
(21) 2025201216 **(22)** 20.02.2025
(54) Methods and compositions for killing senescent cells and for treating senescence-associated diseases and disorders
(51) Int. Cl.
A61K 31/496 (2006.01)
A61K 35/12 (2015.01)
A61K 39/395 (2006.01)
A61P 1/16 (2006.01)
(43) 13.03.2025
(62) 2022256167
(72) Laberge, Remi-Martin; Campisi, Judith; Davalos, Albert; Demaria, Marco; David, Nathaniel; Vasserot, Alain Philippe; Baker, Darren J.; Childs, Bennett G.; Kirkland, James L.; Tchkonja, Tamar; Van Deursen, Jan M. A.; Zhu, Yi; Elisseff, Jennifer; Kim, Chaekyu; Jeon, Okhee
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) MedImmune, LLC
(11) AU-A-2025201227
(21) 2025201227 **(22)** 21.02.2025
(54) ANTI-PD-L1 ANTIBODY TREATMENT OF BLADDER CANCER
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/30 (2006.01)
G01N 33/574 (2006.01)
(43) 13.03.2025
(62) 2018221822
(72) Kurland, John; Blake-Haskins, John Andrew; Zajac, Magdalena; Rebelatto, Marlon; Gupta, Ashok; Ho, Tony; Walker, Jill; Jin, Xiaoping; Morris, Shannon; Iannone, Robert; Shi, Li; Dar, Mohammed; Ben, Yong
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Medisca Pharmaceutique Inc.
(11) AU-A-2025201283
(21) 2025201283 **(22)** 21.02.2025
(54) METHODS AND SYSTEMS FOR PHARMACEUTICAL COMPOUNDING
(51) Int. Cl.
G16C 20/00 (2019.01)
G06F 3/048 (2013.01)
G16C 20/90 (2019.01)

(43) 13.03.2025
(62) 2019290050
(72) DANOPOULOS, Panagiota
(74) Davies Collison Cave Pty Ltd

(71) Mei, C.
(11) AU-A-2023219855
(21) 2023219855 **(22)** 22.08.2023
(54) VORTEX DYNAMIC PROPULSION STRUCTURE
(51) Int. Cl.
B63H 11/103 (2006.01)
F15D 1/00 (2006.01)
F15D 1/02 (2006.01)
B63H 1/28 (2006.01)
B63H 11/107 (2006.01)
B63H 25/06 (2006.01)
B63H 25/48 (2006.01)
F15D 1/08 (2006.01)
(43) 13.03.2025
(72) Mei, Chen-Hsin
(74) Madderns Pty Ltd

(71) MonoSol, LLC
(11) AU-A-2025201261
(21) 2025201261 **(22)** 21.02.2025
(54) Water soluble fibers with post process modifications and articles containing same
(51) Int. Cl.
A61L 15/24 (2006.01)
A61L 15/42 (2006.01)
D01D 10/02 (2006.01)
(43) 13.03.2025
(62) 2021283905
(72) BRIDEWELL, Victoria; ZEESE, Nicholas; GOETZ, Richard; KNIGHT, Jonathan; SHUEY, Alyssa
(74) Spruson & Ferguson

(71) Multiple Energy Technologies LLC
(11) AU-A-2025201293
(21) 2025201293 **(22)** 24.02.2025
(54) Bioceramic and carbon-based hydroponic systems, methods and devices
(51) Int. Cl.
A01G 31/00 (2018.01)
A01G 7/06 (2006.01)
A01G 24/12 (2018.01)
A61K 31/352 (2006.01)
A61K 36/60 (2006.01)
C05G 1/00 (2006.01)
(43) 13.03.2025
(62) 2024220147
(72) LETTON, Alan; MARINO, Ross A.; CIDERAL-FILHO, Francisco Jose; VISSMAN, Shannon
(74) Spruson & Ferguson

(71) Murphy, S.B.
(11) AU-A-2025201207
(21) 2025201207 **(22)** 20.02.2025
(54) SYSTEMS AND METHODS FOR UTILIZING AUGMENTED REALITY IN SURGERY
(51) Int. Cl.
G02B 27/01 (2006.01)

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- A61B 34/00** (2016.01)
A61B 17/00 (2006.01)
A61B 17/56 (2006.01)
A61B 34/10 (2016.01)
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
A61B 90/50 (2016.01)
(43) 13.03.2025
(62) 2020282774
(72) Murphy, Stephen B.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** MUSCO CORPORATION
(11) AU-A-2024287299
(21) 2024287299 **(22)** 15.07.2024
(54) APPARATUS, METHOD, AND SYSTEM FOR RETROFITTING A LIGHTING SYSTEM WITH UPLIGHTING
(51) Int. Cl.
F21S 4/28 (2016.01)
F21V 5/02 (2006.01)
F21V 5/04 (2006.01)
(31) 63/578,481 **(32)** 24.08.23 **(33)** US
(43) 13.03.2025
(72) MCKEE, Luke C.; LICKISS, Chris P.; DEBOEF, Joel D.; HOL, Philip D.
(74) Davies Collison Cave Pty Ltd
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- (71)** Nektar Therapeutics
(11) AU-A-2025200920
(21) 2025200920 **(22)** 11.02.2025
(54) Selective Treg Stimulator Rur20kd-il-2 And Related Compositions
(51) Int. Cl.
A61K 47/60 (2017.01)
A61P 37/00 (2006.01)
(43) 13.03.2025
(62) 2022246440
(72) KIRK, Peter Benedict; LANGOWSKI, John L.; ZALEVESKY, Jonathan
(74) Griffith Hack
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- (71)** NEOCRETE LIMITED
(11) AU-A-2024278444
(21) 2024278444 **(22)** 21.08.2024
(54) ACTIVATOR ADMIXTURE FOR CEMENT REDUCTION IN CONCRETE COMPOSITIONS
(51) Int. Cl.
C04B 28/04 (2006.01)
C04B 7/13 (2006.01)
C04B 22/06 (2006.01)
C04B 103/30 (2006.01)
(31) 2023902683 **(32)** 22.08.23 **(33)** AU
(43) 13.03.2025
(72) BAZOEVA, Oleg; BAZOEVA, Zarina
(74) Prime Innovation Limited
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- (71)** NETZSCH Trockenmahltechnik GmbH
(11) AU-A-2024205259
(21) 2024205259 **(22)** 31.07.2024
(54) Method for increasing the yield of rounded graphite particles
(51) Int. Cl.
C01B 32/21 (2017.01)
B02C 23/08 (2006.01)
(31) 10 2023 122 651.7 **(32)** 23.08.23 **(33)** DE
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- (43)** 13.03.2025
(72) Hofels, Christian; Schobel, Patrick; Winter, Frank
(74) Davies Collison Cave Pty Ltd
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- (71)** Nevro Corp.
(11) AU-A-2025201245
(21) 2025201245 **(22)** 21.02.2025
(54) EFFICIENT USE OF AN IMPLANTABLE PULSE GENERATOR BATTERY, AND ASSOCIATED SYSTEMS AND METHODS
(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
A61N 1/372 (2006.01)
(43) 13.03.2025
(62) 2019214966
(72) PARKER, Jon; FOREMAN, Bret; SUTOR, Jason Aaron; KNUDSEN, Sean
(74) RnB IP Pty Ltd
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- (71)** Nokia Technologies Oy
(11) AU-A-2025201204
(21) 2025201204 **(22)** 20.02.2025
(54) Uplink control information
(51) Int. Cl.
H04L 1/00 (2006.01)
(43) 13.03.2025
(62) 2023202461
(72) TOSATO, Filippo; MASO, Marco; NHAN, Nhat -Quang; LIU, Hao
(74) Spruson & Ferguson
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- (71)** Nokia Technologies Oy
(11) AU-A-2025201294
(21) 2025201294 **(22)** 24.02.2025
(54) BWP handling in idle mode and inactive mode
(51) Int. Cl.
H04W 4/70 (2018.01)
H04L 5/00 (2006.01)
H04L 5/14 (2006.01)
H04W 28/02 (2009.01)
H04W 36/28 (2009.01)
H04W 72/04 (2023.01)
H04W 72/10 (2009.01)
H04W 72/12 (2023.01)
(43) 13.03.2025
(62) 2022287661
(72) KOSKINEN, Jussi-Pekka; KOSKELA, Jarkko; HENTTONEN, Tero
(74) Spruson & Ferguson
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- Novome Biotechnologies, Inc. see The Board of Trustees of the Leland Stanford Junior University**
(21) 2025201194
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- (71)** OAM Photonics LLC
(11) AU-A-2025201265
(21) 2025201265 **(22)** 21.02.2025
(54) Optical coherent imager having shared input-output path and method for sensing coherent light
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- (51)** Int. Cl.
H04B 10/64 (2013.01)
G02B 6/42 (2006.01)
H04B 10/11 (2013.01)
(43) 13.03.2025
(62) 2021456934
(72) CHAN, Kam Wai Clifford; WONG, Chung Ki
(74) Spruson & Ferguson
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- (71)** Palatin Technologies, Inc.
(11) AU-A-2025201154
(21) 2025201154 **(22)** 19.02.2025
(54) Melanocortin receptor-specific peptide formulations and methods for gastrointestinal tract-specific delivery
(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 38/12 (2006.01)
A61K 38/33 (2006.01)
A61P 43/00 (2006.01)
C07K 7/64 (2006.01)
(43) 13.03.2025
(62) 2019239300
(72) DODD, John Harold; DORDUNOO, Stephen Kwaku
(74) Spruson & Ferguson
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- (71)** PARALLEL SYSTEMS, INC.
(11) AU-A-2025201158
(21) 2025201158 **(22)** 19.02.2025
(54) Electric Rail Vehicle
(51) Int. Cl.
B61B 13/00 (2006.01)
B61C 3/02 (2006.01)
B61D 3/20 (2006.01)
B61F 3/04 (2006.01)
B61L 27/00 (2022.01)
(43) 13.03.2025
(62) 2022234448
(72) SOULE, Matthew; HOWARD, John; STABLER, Benjamin
(74) PIPERS
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- (71)** PharmaIn Corporation
(11) AU-A-2025201270
(21) 2025201270 **(22)** 21.02.2025
(54) NPRA agonists, compositions, and uses thereof
(51) Int. Cl.
C07K 1/107 (2006.01)
C07K 14/47 (2006.01)
C07K 14/58 (2006.01)
(43) 13.03.2025
(62) 2018239352
(72) CASTILLO, Gerardo M.; NISHIMOTO-ASHFIELD, Akiko; BOLOTIN, Elijah
(74) Spruson & Ferguson
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- (71)** Potty Plant Pty Ltd
(11) AU-A-2024216322
(21) 2024216322 **(22)** 23.08.2024
(54) APPARATUS, SYSTEM AND METHOD FOR DELIVERY AND PRESENTATION OF TURF FOR PET TOILETRY
(51) Int. Cl.
A01K 1/01 (2006.01)

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B65D 5/00 (2006.01)
A01K 1/015 (2006.01)
B65D 5/468 (2006.01)
B65D 5/50 (2006.01)
(31) 2023902737 **(32)** 25.08.23 **(33)** AU
(43) 13.03.2025
(72) Sakr, Julia; Drew, Morgan; Smyth,
 Cambell
(74) Gestalt Law Pty Ltd

(71) Prothema Biosciences Limited; Tufts
 Medical Center, Inc.
(11) AU-A-2025200997
(21) 2025200997 **(22)** 13.02.2025
(54) Treatment of AL amyloidosis with the
 combination of monoclonal antibodies
 against immunoglobulin light chains
 and the CD38 cell membrane molecule
 on antibody-producing and other im-
 mune cells
(51) Int. Cl.
A61K 31/69 (2006.01)
A61K 39/00 (2006.01)
A61P 7/00 (2006.01)
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
C07K 16/42 (2006.01)
(43) 13.03.2025
(62) 2019429147
(72) COMENZO, Raymond; ZAGO, Wagner;
 ASHTON, Nina Mercedes
(74) Spruson & Ferguson

**RAMOS, J. see BELGRAVIA WOOD LIM-
 ITED**
(21) 2024220219

(71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2025201179
(21) 2025201179 **(22)** 19.02.2025
(54) Use of a VEGF antagonist to treat an-
 giogenic eye disorders
(51) Int. Cl.
A61K 38/17 (2006.01)
A61P 27/02 (2006.01)
(43) 13.03.2025
(62) 2018375398
(72) VITTI, Robert L.; BERLINER, Alyson J.;
 CHU, Karen
(74) Griffith Hack

(71) Royal Melbourne Institute of Techno-
 logy
(11) AU-A-2025201186
(21) 2025201186 **(22)** 20.02.2025
(54) Multicore fiber imaging
(51) Int. Cl.
A61B 1/04 (2006.01)
G02B 6/04 (2006.01)
G06T 7/00 (2017.01)
H04N 5/21 (2006.01)
(43) 13.03.2025
(62) 2019210705
(72) ORTH, Antony
(74) FPA Patent Attorneys Pty Ltd

Sachs, D. see Soykan, O.
(21) 2025201233

(71) Samsung Electronics Co., Ltd.
(11) AU-A-2025201299
(21) 2025201299 **(22)** 24.02.2025
(54) VIDEO DECODING METHOD AND AP-
 PARATUS AND VIDEO ENCODING
 METHOD AND APPARATUS
(51) Int. Cl.
H04N 19/105 (2014.01)
H04N 19/109 (2014.01)
H04N 19/117 (2014.01)
H04N 19/176 (2014.01)
(43) 13.03.2025
(62) 2023285833
(72) Alshin, Alexander; Alshina, Elena
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Schneider Electric USA, Inc.
(11) AU-A-2025201174
(21) 2025201174 **(22)** 19.02.2025
(54) SYSTEMS AND METHODS FOR ANA-
 LYZING EFFECTS OF ELECTRICAL
 PERTURBATIONS ON EQUIPMENT IN
 AN ELECTRICAL SYSTEM
(51) Int. Cl.
G01R 31/40 (2020.01)
H02J 3/24 (2006.01)
H02J 3/46 (2006.01)
(43) 13.03.2025
(62) 2019297427
(72) BICKEL, Jon A.; SABIN, Daniel D.
(74) Madderns Pty Ltd

(71) Schneider Electric USA, Inc.
(11) AU-A-2025201210
(21) 2025201210 **(22)** 20.02.2025
(54) SYSTEMS AND METHODS FOR ANA-
 LYZING AND OPTIMIZING DYNAMIC
 TOLERANCE CURVES
(51) Int. Cl.
G01R 19/00 (2006.01)
G01R 31/00 (2006.01)
G01R 31/08 (2020.01)
(43) 13.03.2025
(62) 2019299552
(72) MENZEL, Johannes; BICKEL, Jon A.
(74) Madderns Pty Ltd

(71) Scientia Vascular, Inc.
(11) AU-A-2025201206
(21) 2025201206 **(22)** 20.02.2025
(54) Guidewire devices having shapeable
 tips and bypass cuts
(51) Int. Cl.
A61M 25/09 (2006.01)
(43) 13.03.2025
(62) 2019231700
(72) LIPPERT, John A.; SNYDER, Edward
 J.; DAVIS, Clark C.
(74) Griffith Hack

(71) SEKISUI HOUSE, LTD.
(11) AU-A-2023425793
(21) 2023425793 **(22)** 21.08.2023

(54) ANCHOR SUPPORT AND ANCHOR
 INSTALLATION METHOD.
(51) Int. Cl.
E04G 17/00 (2006.01)
E02D 27/00 (2006.01)
E04G 13/00 (2006.01)
(43) 13.03.2025
(72) NAKAMURA Gaku; KANEYASU Kent-
 arou; SETO Masatoshi; MATSUB-
 ARA Yoshiyuki; SHIMIZU Kousuke;
 OKAMOTO Sachi; SUZUKI Hideki
(74) DAVIS IP PTY LTD

(71) SEKISUI HOUSE, LTD.
(11) AU-A-2023428625
(21) 2023428625 **(22)** 21.08.2023
(54) ANCHOR SUPPORT AND ANCHOR
 INSTALLATION METHOD
(51) Int. Cl.
E02D 27/02 (2006.01)
E04B 1/41 (2006.01)
E04G 17/06 (2006.01)
(43) 13.03.2025
(72) KANEYASU Kentarou; MATSUBARA
 Yoshiyuki; TAKAGI Takeshi; ICHIKAWA
 Kazuki; OSADA Toshiyuki; ICHIKAWA
 Yukiko; OKAMOTO Sachi
(74) DAVIS IP PTY LTD

(71) Seneca Devices, Inc.
(11) AU-A-2025201284
(21) 2025201284 **(22)** 22.02.2025
(54) DEVICES AND SYSTEMS FOR MOV-
 ING A PERSON ON A SUPPORT AP-
 PARATUS
(51) Int. Cl.
A61G 7/14 (2006.01)
A61G 5/10 (2006.01)
(43) 13.03.2025
(62) 2020225482
(72) FOX, Samuel T.; NEZARIA, Jeremy Y.
(74) RnB IP Pty Ltd

(71) SHANGHAI QUANXIN MEDICAL
 TECHNOLOGY CO., LTD
(11) AU-A-2024266787
(21) 2024266787 **(22)** 23.02.2024
(54) PROSTHETIC VALVE DEVICE WITH A
 SEGMENTED TAPERED STRUCTURE
(51) Int. Cl.
A61F 2/24 (2006.01)
(31) 202311077193.6 **(32)** 24.08.23 **(33)** CN
(43) 13.03.2025
(72) YU, Peng; SUN, Chao; WEI, Pan
(74) Peng Zhang

(71) Smith, D.
(11) AU-A-2024213177
(21) 2024213177 **(22)** 22.08.2024
(54) Fishing Rod Holder Assembly
(51) Int. Cl.
A01K 97/10 (2006.01)
A01K 97/06 (2006.01)
A01K 97/08 (2006.01)
(31) 2023902668 **(32)** 22.08.23 **(33)** AU

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(72) Smith, Darryl Paul
(74) Michael Buck IP

(71) Soykan, O.; Sachs, D.
(11) AU-A-2025201233
(21) 2025201233 (22) 21.02.2025
(54) DEVICES, SYSTEMS AND METHODS FOR THERAPEUTIC MUSCLE STIMULATION
(51) Int. Cl.
A61N 1/04 (2006.01)
A61N 1/36 (2006.01)
(43) 13.03.2025
(62) 2018392315
(72) SACHS, Dan; SOYKAN, Orhan
(74) HENRY HUGHES IP LTD

(71) SPEX Corporate Holdings Limited
(11) AU-A-2025201304
(21) 2025201304 (22) 24.02.2025
(54) Improved tool
(51) Int. Cl.
E21B 29/02 (2006.01)
(43) 13.03.2025
(62) 2019322077
(72) OAG, James George; YOUNGER, Rae Andrew
(74) FPA Patent Attorneys Pty Ltd

(71) St Andrews Pharmaceutical Technology Ltd
(11) AU-A-2025201208
(21) 2025201208 (22) 20.02.2025
(54) APPARATUS AND A METHOD FOR THE USE OF PULSED ELECTROMAGNETIC FIELD TO CHANGE THE CONDITION OF A PRODUCT AND/OR THE GENERATION OF SAID PRODUCT
(51) Int. Cl.
C12M 1/42 (2006.01)
C12H 1/16 (2006.01)
(43) 13.03.2025
(62) 2019281223
(72) HENRY, William John; TAYLOR, Christopher
(74) Madderns Pty Ltd

State Grid Corporation of China see China Electric Power Research Institute
(21) 2024205367

(71) Stichting Katholieke Universiteit; Icahn School of Medicine at Mount Sinai
(11) AU-A-2025201252
(21) 2025201252 (22) 21.02.2025
(54) PROMOTING TRAINED IMMUNITY WITH THERAPEUTIC NANOBIOLOGIC COMPOSITIONS
(51) Int. Cl.
A61K 9/14 (2006.01)
A61K 9/51 (2006.01)
A61K 31/195 (2006.01)
A61K 47/69 (2017.01)
C07K 14/775 (2006.01)

(43) 13.03.2025
(62) 2018370828
(72) MULDER, Willem; OCHANDO, Jordi; FAYAD, Zahi; NETEA, Mihai; JOOSTEN, Leo
(74) James & Wells Intellectual Property

(71) STRONG FORCE VCN PORTFOLIO 2019, LLC
(11) AU-A-2024220202
(21) 2024220202 (22) 30.08.2024
(54) SYSTEMS, METHODS, KITS, AND APPARATUSES FOR SPECIALIZED CHIPS FOR ROBOTIC INTELLIGENCE LAYERS
(51) Int. Cl.
G05D 101/15 (2024.01)
B25J 9/18 (2006.01)
B82Y 10/00 (2011.01)
G05B 13/04 (2006.01)
G05D 1/24 (2024.01)
G05D 1/43 (2024.01)
G05D 1/606 (2024.01)
G05D 1/646 (2024.01)
G05D 1/648 (2024.01)
G05D 1/656 (2024.01)
G05D 3/00 (2006.01)
G05D 27/02 (2006.01)
G06N 3/008 (2023.01)
G06N 3/02 (2006.01)
H01L 29/772 (2006.01)
G05D 101/20 (2024.01)

(31) 63/535,748 (32) 31.08.23 (33) US
63/536,171 01.09.23 US
63/610,894 15.12.23 US
63/621,549 16.01.24 US
63/625,597 26.01.24 US
63/638,590 25.04.24 US
(43) 13.03.2025
(72) CELLA, Charles H.; EL-TAHRY, Teymour S.; INGOLDSTAD, Bennett; PARENTI, Jenna; BLIVEN, Brent; CARDNO, Andrew; KELL, Brad; VETTER, Eric P.; CASCIO, Anthony; ROGOSIN, Nicholas; FORTIN JR., Leon
(74) ET Intellectual Property

(71) Stryker Corporation
(11) AU-A-2025201224
(21) 2025201224 (22) 21.02.2025
(54) Surgical saw blade and thermal management system
(51) Int. Cl.
A61B 17/14 (2006.01)
A61B 17/00 (2006.01)
(43) 13.03.2025
(62) 2019309379
(72) KARL, Jeffrey; KARVE, Girish; KINGMAN, Amanda
(74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation
(11) AU-A-2025201231
(21) 2025201231 (22) 21.02.2025
(54) System and methods for controlling patient leakage current in a surgical system
(51) Int. Cl.
A61B 17/32 (2006.01)

A61B 18/12 (2006.01)
B06B 1/02 (2006.01)

(43) 13.03.2025
(62) 2018381241
(72) DOWNEY, Adam Darwin; COBLER, Patrick; RHODES, Scott
(74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation
(11) AU-A-2025201256
(21) 2025201256 (22) 21.02.2025
(54) POWER CONSOLE FOR A SURGICAL TOOL THAT INCLUDES A TRANSFORMER WITH AN INTEGRATED CURRENT SOURCE FOR PRODUCING A MATCHED CURRENT TO OFFSET THE PARASITIC CURRENT
(51) Int. Cl.
A61B 18/12 (2006.01)
(43) 13.03.2025
(62) 2022224864
(72) Downey, Adam
(74) Davies Collison Cave Pty Ltd

(71) Subsea 7 Norway AS
(11) AU-A-2025201178
(21) 2025201178 (22) 19.02.2025
(54) Subsea fluid storage unit
(51) Int. Cl.
B65D 88/18 (2006.01)
B65D 88/74 (2006.01)
B65D 88/78 (2006.01)
B65D 90/50 (2019.01)
F17C 1/00 (2006.01)
F17C 1/12 (2006.01)
(43) 13.03.2025
(62) 2019300069
(72) SAETERDAL, Morten; DAASVATN, Sigbjørn
(74) Allens Patent & Trade Mark Attorneys

SUMITOMO ELECTRIC INDUSTRIES, LTD. see SUMITOMO ELECTRIC TOYAMA CO., LTD.
(21) 2024287263

(71) SUMITOMO ELECTRIC TOYAMA CO., LTD.; SUMITOMO ELECTRIC INDUSTRIES, LTD.
(11) AU-A-2024287263
(21) 2024287263 (22) 27.06.2024
(54) Mesh, water electrolysis apparatus, and fuel cell
(51) Int. Cl.
H01M 8/026 (2016.01)
C25B 1/02 (2006.01)
C25B 9/65 (2021.01)
H01M 8/0232 (2016.01)
(31) 2023-139548 (32) 30.08.23 (33) JP
(43) 13.03.2025
(72) MAJIMA, Masatoshi; TSUCHIDA, Hitoshi; OKUNO, Kazuki; NUMATA, Koma; MIYAMOTO, Kazunari
(74) Spruson & Ferguson

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(71) Su-N Energy Holdings Ltd
 (11) AU-A-2025201288
 (21) 2025201288 (22) 23.02.2025
 (54) Method of making a mercury based compound, mercury based compound, methods of using the mercury based compound and uses of the mercury based compound
 (51) Int. Cl.
C01G 13/00 (2006.01)
C01G 13/04 (2006.01)
G21F 9/00 (2006.01)
G21G 5/00 (2006.01)
 (43) 13.03.2025
 (62) 2023200546
 (72) PAREKH, Suneel Navnitdas; PAREKH, Navnitdas Radhakishan
 (74) Oxygene IP

(71) Sutcliffe, T.
 (11) AU-A-2024200888
 (21) 2024200888 (22) 13.02.2024
 (54) A hitch mount log holder
 (51) Int. Cl.
B27B 17/00 (2006.01)
B60D 1/48 (2006.01)
 (31) 2023902718 (32) 24.08.23 (33) AU
 (43) 13.03.2025
 (72) Sutcliffe, Tyron
 (74) Patentec Patent Attorneys

(71) TAISHO SKY BUILDING, INC.
 (11) AU-A-2025201253
 (21) 2025201253 (22) 21.02.2025
 (54) Rental space management system
 (51) Int. Cl.
G06Q 50/10 (2012.01)
 (43) 13.03.2025
 (62) 2020477967
 (72) ISHIDA, Kazuharu
 (74) Davies Collison Cave Pty Ltd

(71) The Board of Trustees of the Leland Stanford Junior University; Novome Biotechnologies, Inc.
 (11) AU-A-2025201194
 (21) 2025201194 (22) 20.02.2025
 (54) Compositions and methods for modulating growth of a genetically modified gut bacterial cell
 (51) Int. Cl.
A61K 35/741 (2015.01)
A61P 1/00 (2006.01)
C12N 1/21 (2006.01)
 (43) 13.03.2025
 (62) 2017376780
 (72) SONNENBURG, Justin L.; WHITAKER, Weston R.; STANLEY, Elizabeth; DELOACHE, William C.
 (74) Spruson & Ferguson

The Johns Hopkins University see Mayo Foundation for Medical Education and Research
 (21) 2025201216

(71) The Trustees of The University of Pennsylvania
 (11) AU-A-2024287090
 (21) 2024287090 (22) 20.12.2024
 (54) Gene Therapy For Treating Mucopolysaccharidosis Type II
 (51) Int. Cl.
A61K 48/00 (2006.01)
C12N 9/16 (2006.01)
C12N 15/86 (2006.01)
 (43) 13.03.2025
 (62) 2017250298
 (72) Hinderer, Christian; Wilson, James M.
 (74) WRAYS PTY LTD

The United States of America, as represented by The Secretary, Department of Health and Human Services see Kite Pharma, Inc.
 (21) 2025201205

(71) THE WATER & CARBON GROUP PTY. LTD.
 (11) AU-A-2024301849
 (21) 2024301849 (22) 31.08.2024
 (54) THE CONTROL OF CONTINUOUS WATER TREATMENT
 (51) Int. Cl.
C02F 1/24 (2023.01)
C02F 1/04 (2023.01)
C02F 1/42 (2023.01)
C02F 1/44 (2023.01)
C02F 9/00 (2023.01)
 (31) 2023902809 (32) 31.08.23 (33) AU
 (43) 13.03.2025
 (72) HUNTER, James Patrick; MULLET, Mark; TRAVIS, Jeffrey
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Torxx Kinetic Pulverizer Limited
 (11) AU-A-2025201258
 (21) 2025201258 (22) 21.02.2025
 (54) Pulverizer systems and methods for pulverizing material
 (51) Int. Cl.
B02C 13/26 (2006.01)
B02C 13/14 (2006.01)
B02C 13/28 (2006.01)
B02C 13/282 (2006.01)
 (43) 13.03.2025
 (62) 2019301603
 (72) LUTOSLAWSKI, Jaroslaw; LUGOWSKI, Mark Christopher
 (74) FB Rice Pty Ltd

(71) TrafficGuard Pty Ltd
 (11) AU-A-2025201214
 (21) 2025201214 (22) 20.02.2025
 (54) System and Methods for Mitigating Fraud in Real Time Using Feedback
 (51) Int. Cl.
G06Q 30/02 (2023.01)

(43) 13.03.2025
 (62) 2019253918
 (72) TAYLOR, Luke Anthony James; JOLLY, Raigon; BONKOWSKI, André; KOSTENKO, Andrey
 (74) WRAYS PTY LTD

(71) Transportation IP Holdings, LLC
 (11) AU-A-2025201160
 (21) 2025201160 (22) 19.02.2025
 (54) SYSTEM AND METHOD FOR CONTROLLING A VEHICLE SYSTEM TO ACHIEVE DIFFERENT OBJECTIVES DURING A TRIP
 (51) Int. Cl.
B61L 23/00 (2006.01)
B61C 17/12 (2006.01)
B61H 13/00 (2006.01)
B61L 23/08 (2006.01)
B61L 25/02 (2006.01)
 (43) 13.03.2025
 (62) 2022271443
 (72) Meyer, Brian Nedward; Mathews Jr., Harry Kirk; Brooks, James D.; Smith, Kristopher Ryan
 (74) K&L Gates

(71) TSAI, H.
 (11) AU-A-2024205504
 (21) 2024205504 (22) 02.08.2024
 (54) Separator Easy To Disengage
 (51) Int. Cl.
A61M 39/10 (2006.01)
A61J 1/20 (2006.01)
A61M 5/14 (2006.01)
A61M 39/26 (2006.01)
 (31) 112131348 (32) 21.08.23 (33) TW
 (43) 13.03.2025
 (72) TSAI, Hsi-Chin; CHOU, Chih-Hsuan; SU, Chun-Yi
 (74) WRAYS PTY LTD

Tufts Medical Center, Inc. see Prothena Biosciences Limited
 (21) 2025200997

(71) Tufts Medical Center, Inc.; Abiomed, Inc.
 (11) AU-A-2025201230
 (21) 2025201230 (22) 21.02.2025
 (54) Systems and methods for left ventricular unloading in treating myocardial infarction
 (51) Int. Cl.
A61M 60/50 (2021.01)
A61M 60/104 (2021.01)
A61M 60/122 (2021.01)
 (43) 13.03.2025
 (62) 2019206536
 (72) KAPUR, Navin K.; KARAS, Richard H.; JOSEPHY, Noam
 (74) Davies Collison Cave Pty Ltd

Unity Biotechnology, Inc. see Mayo Foundation for Medical Education and Research
 (21) 2025201216

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(71) Universal Hydrogen Co. (11) AU-A-2025201303 (21) 2025201303 (22) 24.02.2025 (54) Systems and methods for multi-module control of a hydrogen powered hybrid electric powertrain (51) Int. Cl. B60L 50/70 (2019.01) B64D 27/00 (2006.01) (43) 13.03.2025 (62) 2021329801 (72) CLARKE, John-Paul; COUSIN, J. Mark; GLINER, Loris; YU, Hao Chen; LOBODA, Gregory; GERMAN, Brian (74) Davies Collison Cave Pty Ltd	SOUSA E CARVALHO PEREIRA, Ricardo José (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD (71) Whirlpool Corporation (11) AU-A-2024213136 (21) 2024213136 (22) 21.08.2024 (54) Digitally Controlled Mixer Head Lock (51) Int. Cl. A47J 43/044 (2006.01) A47J 43/07 (2006.01) (31) 63/533,732 (32) 21.08.23 (33) US (43) 13.03.2025 (72) HILL, Eric A.; MOCK, Brandon T.; RUTTER, Ryan James (74) WRAYS PTY LTD	(71) YETI Coolers, LLC (11) AU-A-2025201243 (21) 2025201243 (22) 21.02.2025 (54) Container with magnetic closure (51) Int. Cl. A45C 3/10 (2006.01) A45C 11/20 (2006.01) A45C 11/22 (2006.01) A45C 13/00 (2006.01) A45C 13/10 (2006.01) (43) 13.03.2025 (62) 2023214294 (72) SULLIVAN, Derek G.; ROGERS, Kyle Edward (74) GLMR
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Vjaceslavs; ARSENIAN, Sergey
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Simon; MCRINER, Andrew John
(74) Griffith Hack
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APERCE, Celine, Caroline; HERREN,
Gina, Rae
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Samuel R.; GROFF, John
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CONDUCTED ELECTRICAL WEAPON
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(72) NERHEIM, Magne; SATHYANARAYAN,
Varun; MARKLE, Ryan
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C07K 14/78 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
C12N 5/00 (2006.01)
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(51) Int. Cl.
C07K 16/08 (2006.01)
A61K 39/42 (2006.01)
A61P 31/12 (2006.01)
C12N 7/00 (2006.01)
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A61K 31/202 (2006.01)
G01N 33/50 (2006.01)
A61P 25/28 (2006.01)
A61P 27/02 (2006.01)
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(51) Int. Cl.
C05F 17/20 (2020.01)
C05F 3/00 (2006.01)
C05F 11/08 (2006.01)
C05F 17/60 (2020.01)
C12R 1/01 (2006.01)
C12R 1/07 (2006.01)
C12R 1/38 (2006.01)
C12R 1/44 (2006.01)
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G16H 20/10 (2018.01)
A61K 38/37 (2006.01)
(87) WO2024/030886
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G06F 21/56 (2013.01)
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H04B 5/00 (2024.01)
H01Q 1/04 (2006.01)
H02J 50/10 (2016.01)
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(31) 20220927 (32) 29.08.22 (33) NO
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(51) Int. Cl.
A61K 39/112 (2006.01)
A61K 31/715 (2006.01)
A61P 1/02 (2006.01)
A61P 31/04 (2006.01)
A61K 47/36 (2006.01)
C07K 14/005 (2006.01)
C12P 19/04 (2006.01)
C12R 1/42 (2006.01)
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C07D 498/22 (2006.01)
A61K 31/529 (2006.01)
A61P 31/12 (2006.01)
A61P 37/00 (2006.01)
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C07D 498/22 (2006.01)
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A01K 1/04 (2006.01)
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A61K 49/04 (2006.01)
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(54) GARMENT TREATMENT AND METHOD OF APPLICATION THEREOF
(51) Int. Cl.
D06M 15/263 (2006.01)
A41D 31/08 (2019.01)
A41D 31/10 (2019.01)
A62B 17/00 (2006.01)
D06M 13/02 (2006.01)
D06M 15/227 (2006.01)
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(51) Int. Cl.
F24F 1/0007 (2019.01)
F24F 1/0087 (2019.01)
F24F 5/00 (2006.01)
F28D 5/00 (2006.01)
(87) WO2024/023193
(31) FR2207710 (32) 27.07.22 (33) FR
(43) 01.02.2024
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(74) FPA Patent Attorneys Pty Ltd
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H05K 7/20 (2006.01)
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C12N 5/0735 (2010.01)
C07K 14/705 (2006.01)
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(51) Int. Cl.
F04B 19/02 (2006.01)
F02B 75/18 (2006.01)
F02B 75/32 (2006.01)
F01B 9/04 (2006.01)
F01B 9/06 (2006.01)
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(51) Int. Cl.
C07K 16/22 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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A61C 15/04 (2006.01)
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(54) AUTOMATED SYSTEM FOR BIOPROCESSING
(51) Int. Cl.
C12M 1/00 (2006.01)
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- C12M 1/12 (2006.01)
C12M 1/36 (2006.01)
(87) WO2024/047358
(31) 2212684.1 (32) 31.08.22 (33) GB
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) AUTOMATED FILL / FINISH SYSTEM
(51) Int. Cl.
B01F 31/22 (2022.01)
B01F 31/24 (2022.01)
B01F 31/55 (2022.01)
B01F 31/86 (2022.01)
B01F 33/85 (2022.01)
B01F 35/22 (2022.01)
B01F 35/71 (2022.01)
B01F 35/92 (2022.01)
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(54) FLUID TRANSFER SYSTEM, APPARATUS AND METHODS FOR BIOPROCESSING
(51) Int. Cl.
C12M 1/26 (2006.01)
C12M 1/00 (2006.01)
(87) WO2024/047361
(31) 2212684.1 (32) 31.08.22 (33) GB
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) M4 ACTIVATORS/MODULATORS AND USES THEREOF
(51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/496 (2006.01)
A61K 31/497 (2006.01)
A61K 31/4995 (2006.01)
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A61K 31/5365 (2006.01)
A61K 31/538 (2006.01)
A61P 1/18 (2006.01)
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- A61P 3/10 (2006.01)
A61P 9/10 (2006.01)
A61P 11/06 (2006.01)
A61P 25/00 (2006.01)
A61P 25/04 (2006.01)
A61P 25/18 (2006.01)
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C07D 409/14 (2006.01)
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C07D 491/107 (2006.01)
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C07D 519/00 (2006.01)
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C07C 323/52 (2006.01)
A61K 47/20 (2006.01)
A61K 47/22 (2006.01)
A61K 48/00 (2006.01)
A61P 43/00 (2006.01)
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C07D 211/58 (2006.01)
C07D 233/61 (2006.01)
C07D 239/20 (2006.01)
C07D 295/13 (2006.01)
C12N 15/52 (2006.01)
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(54) ENDOSCOPE PROTECTING SLEEVE
(51) Int. Cl.
A61B 1/00 (2006.01)
(87) WO2024/051506
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(74) Infinity Intellectual Property Limited

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(54) COMPOUND CONTAINING CYCLO-HEXYL

(51) Int. Cl.

C07D 498/04 (2006.01)

A61K 31/423 (2006.01)

A61K 31/553 (2006.01)

A61P 35/00 (2006.01)

C07D 491/00 (2006.01)

C07D 493/00 (2006.01)

(87) WO2024/037616

(31) 202211000005.5 (32) 19.08.22 (33) CN

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(43) 22.02.2024

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(71) CHINA COAL TECHNOLOGY & ENGINEERING GROUP SHANGHAI CO., LTD.

(11) AU-A-2023370163

(21) 2023370163 (22) 21.03.2023

(54) INERTIAL NAVIGATION PRECISION EVALUATION SYSTEM AND EVALUATION METHOD FOR COAL MINING MACHINE, AND MOBILE CARRIER

(51) Int. Cl.

G01C 25/00 (2006.01)

G01S 19/43 (2010.01)

(87) WO2024/087473

(31) 202211336593.X (32) 28.10.22 (33) CN

(43) 02.05.2024

(72) DAI, Jianping; QIU, Jinbo; LIU, Cong; ZHANG, Qizhi; ZHUANG, Deyu; LIU, Hongrui; FANG, Tong

(74) Baxter Patent Attorneys Pty Ltd

(71) CHINA COAL TECHNOLOGY & ENGINEERING GROUP SHANGHAI CO., LTD.

(11) AU-A-2023370169

(21) 2023370169 (22) 23.03.2023

(54) ACCURACY EVALUATION SYSTEM AND METHOD FOR INERTIAL NAVIGATION DEVICE OF COAL SHEARER, AND MOVING CARRIER

(51) Int. Cl.

G01C 25/00 (2006.01)

(87) WO2024/087479

(31) 202211339102.7 (32) 28.10.22 (33) CN

(43) 02.05.2024

(72) DAI, Jianping; QIU, Jinbo; LIU, Cong; ZHANG, Qizhi; ZHUANG, Deyu; LIU, Hongrui; FANG, Tong

(74) LAMINAR IP PTY LTD

(71) CHINA COAL TECHNOLOGY & ENGINEERING GROUP SHANGHAI CO., LTD.

(11) AU-A-2024258925

(21) 2024258925 (22) 15.04.2024

(54) COAL-ROCK IDENTIFICATION METHOD BASED ON LIBS SINGLE SPECTRAL LINE

(51) Int. Cl.

G06F 18/24 (2023.01)

(87) WO2024/217364

(31) 202310409336.2 (32) 17.04.23 (33) CN

(43) 24.10.2024

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(74) Baxter Patent Attorneys Pty Ltd

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(11) AU-A-2024258998

(21) 2024258998 (22) 11.03.2024

(54) COAL AND ROCK IDENTIFICATION METHOD BASED ON PRINCIPAL COMPONENT ANALYSIS, ELECTRONIC DEVICE, AND MEDIUM

(51) Int. Cl.

G06F 18/24 (2023.01)

(87) WO2024/217180

(31) 202310409157.9 (32) 17.04.23 (33) CN

(43) 24.10.2024

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(74) LAMINAR IP PTY LTD

(71) CHR. HANSEN A/S

(11) AU-A-2023329179

(21) 2023329179 (22) 25.08.2023

(54) BIFIDOBACTERIUM STRAINS WITH IMPROVED STABILITY

(51) Int. Cl.

C12N 1/20 (2006.01)

A61K 35/745 (2015.01)

C12N 9/02 (2006.01)

C12N 9/10 (2006.01)

(87) WO2024/042229

(31) 22192161.2 (32) 25.08.22 (33) EP

(43) 29.02.2024

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(21) 2023334709 (22) 29.08.2023

(54) COMBINATION DRUG

(51) Int. Cl.

A61K 45/06 (2006.01)

A61K 31/439 (2006.01)

A61K 31/4439 (2006.01)

A61K 31/4545 (2006.01)

A61K 31/4709 (2006.01)

A61K 31/496 (2006.01)

A61K 31/506 (2006.01)

A61K 31/517 (2006.01)

A61K 31/519 (2006.01)

A61K 31/5377 (2006.01)

A61P 35/00 (2006.01)

A61P 43/00 (2006.01)

(87) WO2024/048555

(31) 2022-136467 (32) 30.08.22 (33) JP

(43) 07.03.2024

(72) FUJIMURA Takaaki; FURUGAKI Ko

(74) FB Rice Pty Ltd

(71) COLGATE-PALMOLIVE COMPANY

(11) AU-A-2023338497

(21) 2023338497 (22) 08.09.2023

(54) ORAL COMPOSITIONS AND METHODS

(51) Int. Cl.

A61K 8/22 (2006.01)

A61K 8/24 (2006.01)

A61K 8/34 (2006.01)

A61K 8/44 (2006.01)

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A61K 8/86 (2006.01)

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A61Q 11/00 (2006.01)

(87) WO2024/054982

(31) 63/405,153 (32) 09.09.22 (33) US

(43) 14.03.2024

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(11) AU-A-2023340720

(21) 2023340720 (22) 18.09.2023

(54) SYSTEMS FOR MAKING A FAT-INCLUSIVE SKIN GRAFT TREATMENT COMPOSITION, FAT-INCLUSIVE SKIN GRAFT TREATMENT COMPOSITION, AND METHODS OF MAKING SAME

(51) Int. Cl.

A61B 17/322 (2006.01)

A61L 15/00 (2006.01)

A61L 15/40 (2006.01)

A61L 17/08 (2006.01)

A61M 1/00 (2006.01)

A61L 27/36 (2006.01)

A61L 31/00 (2006.01)

(87) WO2024/057291

(31) 63/407,561 (32) 16.09.22 (33) US

(43) 21.03.2024

(72) SIGURJONSSON, Gudmundur Fertram

(74) Michael Buck IP

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION

(11) AU-A-2023327799

(21) 2023327799 (22) 25.08.2023

(54) SENSOR APPARATUS FOR PARTIALLY SATURATED POROUS MEDIA APPLICATIONS

(51) Int. Cl.

G01N 27/26 (2006.01)

G01N 1/00 (2006.01)

G01N 1/34 (2006.01)

G01N 27/30 (2006.01)

G12B 9/02 (2006.01)

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(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2023333285 (22) 01.09.2023
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(51) Int. Cl.
G02B 6/38 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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G02B 1/04 (2006.01)
G02C 7/04 (2006.01)
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A61B 10/02 (2006.01)
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A61B 90/11 (2016.01)
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G01N 33/543 (2006.01)
C09K 11/88 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
B01J 20/28 (2006.01)
B01D 15/36 (2006.01)
B01D 15/42 (2006.01)
B01J 20/289 (2006.01)
B01J 20/32 (2006.01)
C07K 1/16 (2006.01)
(87) WO2024/068682
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Gunnar; KANWAR, Lalita Shekhawat;
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Keyhan
(74) Davies Collison Cave Pty Ltd

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(54) CRYSTALLINE FORMS OF 5-(3,4-
DIFLUOROBENZYL)-8-((1R,4R)-4-
METHYLCYCLOHEXYL)-6,9-DI-
OXO-2,5,8-TRIAZASPIRO[3.5]NONANE-2-
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C07D 487/10 (2006.01)
A61K 31/499 (2006.01)
A61P 9/04 (2006.01)
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H04L 5/00 (2006.01)
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(54) PLANT FOR THE CONSTRUCTION
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B66C 17/06 (2006.01)
B66C 23/60 (2006.01)
(87) WO2023/214438
(43) 09.11.2023
(72) ROVERA ROVERA, Alessandro
(74) GLMR

(71) DEERE & COMPANY
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UNIT PRESSURE DOOR
(51) Int. Cl.
A01D 45/00 (2018.01)
A01D 34/00 (2006.01)
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Binghui; NOBLE, Ryan E.
(74) Davies Collison Cave Pty Ltd

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THIRD FLOOR VENTRICULOSTOMY
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(51) Int. Cl.
A61B 17/34 (2006.01)
(87) WO2024/044290
(31) 63/401,230 (32) 26.08.22 (33) US
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(72) FARNAN, Robert; WAKHLOO, Ajay
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(54) CLEAT CONNECTOR
(51) Int. Cl.
E04B 1/38 (2006.01)
E04B 1/24 (2006.01)
E04B 1/26 (2006.01)
E04B 1/58 (2006.01)
E04C 3/02 (2006.01)
F16B 7/04 (2006.01)
F16B 7/18 (2006.01)
F16B 9/00 (2006.01)
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(54) CHARGING SYSTEM
(51) Int. Cl.
B60L 53/14 (2019.01)
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A61K 31/137 (2006.01)
A61K 9/00 (2006.01)
A61K 9/14 (2006.01)
A61K 47/26 (2006.01)
A61P 37/08 (2006.01)
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A62B 1/06 (2006.01)
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A23L 33/105 (2016.01)
A23L 33/155 (2016.01)
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(54) DYNAMIC DRIVER GENERATION FOR ENERGY MANAGEMENT SYSTEM
(51) Int. Cl.
H02J 3/00 (2006.01)
G05B 19/042 (2006.01)
G06F 9/4401 (2018.01)
H02J 7/00 (2006.01)
H02J 13/00 (2006.01)
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H02J 13/00 (2006.01)
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C12N 15/90 (2006.01)
C12N 9/22 (2006.01)
C12N 15/09 (2006.01)
C12N 15/52 (2006.01)

C12N 15/79 (2006.01)
C12N 15/85 (2006.01)
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(54) METHODS OF REDUCING NEURODEGENERATION ASSOCIATED WITH NEURODEGENERATIVE DISEASES
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A61K 31/501 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
G01N 33/50 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) SCREW FOR DIRECT SCREWING INTO A COMPONENT
(51) Int. Cl.
F16B 25/00 (2006.01)
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(31) 10 2022 121 434.6 (32) 24.08.22 (33) DE
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(74) Krouzer IP

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F16B 33/02 (2006.01)
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(71) ELECTROLUX APPLIANCES AKTIEBOLAG (11) AU-A-2023359840 (21) 2023359840 (22) 22.09.2023 (54) WET-BULB-SENSOR-DEVICE FOR DOMESTIC OVEN (51) Int. Cl. F24C 15/32 (2006.01) (87) WO2024/078843 (31) 22201135.5 (32) 12.10.22 (33) EP (43) 18.04.2024 (72) GATTEI, Lorenzo; CARNEVALI, Marco (74) Halfords IP	(71) ENCODED THERAPEUTICS, INC. (11) AU-A-2023351041 (21) 2023351041 (22) 22.09.2023 (54) ELEMENTS FOR DE-TARGETING GENE EXPRESSION IN DORSAL ROOT GANGLION AND/OR LIVER (51) Int. Cl. C12N 15/113 (2010.01) A61K 35/761 (2015.01) A61K 48/00 (2006.01) C12N 15/86 (2006.01) (87) WO2024/073310 (31) 63/410,161 (32) 26.09.22 (33) US 63/412,119 30.09.22 US 63/414,873 10.10.22 US 63/464,772 08.05.23 US (43) 04.04.2024 (72) TANENHAUS, Anne; ZHAO, Ben; LIU, Serena; DHANOTA, Pujja; HOSUR, Raghavendra; TAN, Steven; MCLAUGHLIN, John; MOORHEAD, Martin; SEARS, Sheila; BOUHLAL, Yosr; MOERKE, Nathan; ARTUR, Camille G.; LOPEZ, Mitchell; SOLANKI, Tulas Indrasinh; LUCEY, Greg (74) FPA Patent Attorneys Pty Ltd	(71) ETEX SERVICES NV (11) AU-A-2023347060 (21) 2023347060 (22) 21.09.2023 (54) FIBER CEMENT PRODUCT AND METHOD OF MANUFACTURING THEREOF (51) Int. Cl. C04B 28/04 (2006.01) C04B 11/28 (2006.01) (87) WO2024/062039 (31) 22197132.8 (32) 22.09.22 (33) EP (43) 28.03.2024 (72) LEEMANS, Raymond (74) PHILLIPS ORMONDE FITZPATRICK
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(71) EVOLUS, INC. (11) AU-A-2023334140 (21) 2023334140 (22) 29.08.2023 (54) NEUROTOXIN COMPOSITIONS WITH INCREASED EFFICACY AND EFFECT DURATION (51) Int. Cl. A61K 39/08 (2006.01) A61K 39/02 (2006.01) C07K 14/33 (2006.01) A61P 17/00 (2006.01) (87) WO2024/050358 (31) 63/402,609 (32) 31.08.22 (33) US (43) 07.03.2024 (72) AVELAR, Rui (74) K&L Gates	(71) FIBISHENKO, A. (11) AU-A-2023357038 (21) 2023357038 (22) 03.10.2023 (54) ZYGOMATIC DENTAL IMPLANT (51) Int. Cl. A61C 8/00 (2006.01) (87) WO2024/073799 (31) 2022902890 (32) 05.10.22 (33) AU (43) 11.04.2024 (72) FIBISHENKO, Alex (74) IP Savvy Pty Ltd	(71) FRIESLANDCAMPINA NEDERLAND B.V. (11) AU-A-2023374636 (21) 2023374636 (22) 01.11.2023 (54) CONFECTIONARY MASS RICH IN WHEY PROTEIN (51) Int. Cl. A23L 33/19 (2016.01) A23G 3/40 (2006.01) A23G 3/42 (2006.01) A23G 3/44 (2006.01) A23G 3/46 (2006.01) A23L 7/10 (2016.01) (87) WO2024/094753 (31) 22205319.1 (32) 03.11.22 (33) EP 22205322.5 03.11.22 EP 22205323.3 03.11.22 EP (43) 10.05.2024 (72) ALTING, Aart Cornelis; OOSTERVEEN, Francisca Elisabeth Ellen; HOL, Karlijn Johanna Margaretha; VAN DER MEULEN, Esther Theresia (74) Spruson & Ferguson
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(51) Int. Cl.
C12N 5/02 (2006.01)
A61K 9/127 (2006.01)
A61K 35/34 (2015.01)
A61P 9/10 (2006.01)
C12N 5/074 (2010.01)
C12N 5/0775 (2010.01)
C12N 15/113 (2010.01)
B01D 21/26 (2006.01)
B01D 37/00 (2006.01)
C12M 3/00 (2006.01)
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C07D 211/34 (2006.01)
A61K 31/496 (2006.01)
A61P 31/04 (2006.01)
C07D 211/14 (2006.01)
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A23L 33/17 (2016.01)
A61P 13/12 (2006.01)
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H02J 7/00 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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B24B 45/00 (2006.01)
B24D 5/16 (2006.01)
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F16F 15/12 (2006.01)
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H04M 3/22 (2006.01)
H04L 65/1093 (2022.01)
H04M 3/51 (2006.01)
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H04M 7/00 (2006.01)
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B01J 29/40 (2006.01)
C07C 1/24 (2006.01)
C07C 2/86 (2006.01)
C07C 4/06 (2006.01)
C07C 11/04 (2006.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
C07K 14/50 (2006.01)
C07K 19/00 (2006.01)
C12N 15/13 (2006.01)
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A61M 25/10 (2013.01)
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G06N 10/70 (2022.01)
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B65D 5/38 (2006.01)
B31B 50/26 (2017.01)
B65D 5/64 (2006.01)
B65D 55/02 (2006.01)
B31B 120/40 (2017.01)
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(72) SPAHLINGER, Carolin
(74) PHILLIPS ORMONDE FITZPATRICK

(71) GREEN CROSS CORPORATION; NOVEL PHARMA INC.
(11) AU-A-2023344642
(21) 2023344642 **(22)** 18.09.2023
(54) NOVEL PROCESS FOR PURIFYING HEPARAN-N-SULFATASE
(51) Int. Cl.
C12N 9/14 (2006.01)
C07K 1/16 (2006.01)
C07K 1/30 (2006.01)
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A61K 31/47 (2006.01)
A61P 31/04 (2006.01)
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(54) TABLEWARE DETERGENT TABLET, AND METHODS FOR PREPARING AND USING THE SAME
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C11D 17/00 (2006.01)
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A61K 33/00 (2006.01)
A61K 9/72 (2006.01)
A61P 1/00 (2006.01)
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(54) TOOTHPASTE TABLET COMPOSITION
(51) Int. Cl.
A61Q 11/00 (2006.01)
A61K 8/02 (2006.01)
A61K 8/34 (2006.01)
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E21B 34/10 (2006.01)
E21B 34/06 (2006.01)
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G01V 3/30 (2006.01)
E21B 23/06 (2006.01)
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E21B 44/00 (2006.01)
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(54) ADAPTER DEVICE FOR A SUCTION APPARATUS, AND CLEANING ASSEMBLY
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A47L 5/22 (2006.01)
A47L 11/30 (2006.01)
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C12C 5/02 (2006.01)
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A23L 33/19 (2016.01)
A23L 33/115 (2016.01)
A23L 33/13 (2016.01)
A23L 33/15 (2016.01)
A61K 9/00 (2006.01)
A61K 31/375 (2006.01)
A61K 33/30 (2006.01)
A61K 38/40 (2006.01)
C07K 14/79 (2006.01)
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(74) Minter Ellison
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(21) 2022483858 (22) 26.10.2022
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C12Q 1/6883 (2018.01)
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(51) Int. Cl.
G06K 7/10 (2006.01)
H04W 12/47 (2021.01)
A01K 11/00 (2006.01)
G06K 17/00 (2006.01)
G06K 19/07 (2006.01)
H04B 5/00 (2024.01)
H04W 4/80 (2018.01)
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E21D 9/087 (2006.01)
E21D 9/11 (2006.01)
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(54) OPERATION PLAN CREATION DEVICE, OPERATION PLAN CREATION SYSTEM, AND OPERATION PLAN CREATION METHOD
(51) Int. Cl.
B61L 27/12 (2022.01)
G06Q 50/40 (2024.01)
G08G 1/123 (2006.01)
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G01L 1/00 (2006.01)
G01L 1/02 (2006.01)
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 (54) WIDE ANGLE AUTOMATIC EXPOSURE CONTROL IN TOMOSYNTHESIS
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A61B 6/02 (2006.01)
A61B 6/00 (2024.01)
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 (54) CONFIRMATION METHOD, CONFIRMATION DEVICE, POWER STORAGE DEVICE, CONFIRMATION SYSTEM, PROGRAM AND COMPUTER READABLE MEDIUM
 (51) Int. Cl.
H04L 9/32 (2006.01)
G06F 21/44 (2013.01)
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C07D 401/14 (2006.01)
A61K 31/416 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/496 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/55 (2006.01)
A61K 31/5517 (2006.01)
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A61P 25/28 (2006.01)
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A61P 35/02 (2006.01)
C07D 403/12 (2006.01)
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C07D 487/06 (2006.01)
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H04L 27/00 (2006.01)
H04B 1/69 (2011.01)
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F16M 11/12 (2006.01)
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 (54) LINC RNA-P21 AND USE THEREOF
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61P 35/00 (2006.01)
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 (54) BRAKE ASSEMBLY WITH AN OVER RUNNING GEAR FOR AN ARCHITECTURAL STRUCTURE COVERING
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E06B 9/262 (2006.01)
E06B 9/322 (2006.01)
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 (31) 63/403,523 (32) 02.09.22 (33) US
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A61B 17/17 (2006.01)
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C09D 127/16 (2006.01)
C09D 5/33 (2006.01)
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C07C 67/03 (2006.01)
C07C 67/52 (2006.01)
C07C 69/82 (2006.01)
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E06C 1/08 (2006.01)
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 (43) 03.10.2024
 (72) MENG, Peter Yuanbao
 (74) WRAYS PTY LTD

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 (11) AU-A-2023330293
 (21) 2023330293 (22) 28.04.2023
 (54) POWER CONTROL DEVICE, HYDROGEN PRODUCTION SYSTEM, AND HYDROGEN PRODUCTION METHOD
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H02J 3/38 (2006.01)
H02J 3/32 (2006.01)

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(72) INAMURA Akinobu; TAKAHASHI Hiroo
(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
A61M 25/01 (2006.01)
A61B 1/00 (2006.01)
A61M 25/02 (2006.01)
A61M 25/09 (2006.01)
A61B 34/35 (2016.01)

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 17/959,894 04.10.22 US
 17/959,924 04.10.22 US
 17/960,014 04.10.22 US
 18/060,935 01.12.22 US
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 LAU, Lilip
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(54) ROBOTIC DRIVE SYSTEM FOR
 ACHIEVING SUPRA-AORTIC ACCESS
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A61B 34/30 (2016.01)
A61B 34/35 (2016.01)
A61M 25/01 (2006.01)
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(54) FLUIDICS MANAGEMENT SYSTEM
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A61M 5/168 (2006.01)
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C22C 49/08 (2006.01)
B22F 1/054 (2022.01)
B22F 3/00 (2021.01)
B22F 9/20 (2006.01)
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(72) OUYANG, Mengzheng; BRANDON,
 Nigel Peter
(74) FB Rice Pty Ltd

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 SOCIATED SYSTEMS AND METH-
 ODS
(51) Int. Cl.
A61B 17/22 (2006.01)
A61M 25/01 (2006.01)
A61B 17/221 (2006.01)
A61F 2/01 (2006.01)
(87) WO2024/059695
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 THRESS, John Cole; HAUSCHKA,
 Derek; TAYLOR, Jacob
(74) Griffith Hack

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(21) 2023343006 **(22)** 13.07.2023
(54) FABRIC CLAMPING FRAME FOR
 EMBROIDERY MACHINES AND EM-
 BROIDERY MACHINE COMPRISING
 THE FRAME
(51) Int. Cl.
D05B 3/20 (2006.01)
D05C 9/04 (2006.01)
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(72) ARSANTO, Roberto
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A61K 31/4985 (2006.01)
C07D 487/14 (2006.01)
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(72) PATIL, Rahul Sudhakar; PATEL, Sandip
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 SEHGAL, Ashish
(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
A47J 37/12 (2006.01)
B67D 7/02 (2010.01)
B67D 7/38 (2010.01)
B67D 7/62 (2010.01)
B67D 7/84 (2010.01)
C11B 3/00 (2006.01)
C11B 13/00 (2006.01)
F01M 11/00 (2006.01)
F16K 31/18 (2006.01)
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(72) MCCREADY, Martin
(74) WRAYS PTY LTD

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 HANDRAIL GUIDE PROFILE OF AN
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 WAY
(51) Int. Cl.
B66B 23/22 (2006.01)
(87) WO2024/046701
(31) 22192708.0 **(32)** 30.08.22 **(33)** EP
(43) 07.03.2024
(72) CUI, Henry
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(71) INVENTIO AG
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 DOUBLE-DECK ELEVATOR
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B66B 11/02 (2006.01)
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(72) WEBER, Stefan; GAVRIC, Dragan
(74) Griffith Hack

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 CLEANING DEVICE
(51) Int. Cl.
B66B 31/00 (2006.01)
(87) WO2024/061597
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(72) ZHANG, Jeff; MA, Mark
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(54) DOOR SYSTEM
(51) Int. Cl.
B66B 13/08 (2006.01)

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(72) CHRISTEN, Jules
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(71) INVENTWOOD INC.
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(51) Int. Cl.
B27K 5/06 (2006.01)
B07C 5/14 (2006.01)
B27M 1/02 (2006.01)
B32B 21/14 (2006.01)
B32B 38/08 (2006.01)
(87) WO2024/044264
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(43) 29.02.2024
(72) BRADSHAW, Allan; WINTEROWD, Jack, G.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) INWATEC APS
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(54) A METHOD AND AN APPARATUS FOR THE PROCESSING OF LAUNDRY ITEMS
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D06F 67/04 (2006.01)
D06F 95/00 (2006.01)
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C01B 33/023 (2006.01)
B22F 1/05 (2022.01)
C22B 5/04 (2006.01)
C22B 5/12 (2006.01)
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C07K 14/33 (2006.01)
A61K 8/64 (2006.01)
A61K 38/48 (2006.01)
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(51) Int. Cl.
G06Q 10/0833 (2023.01)
B65D 90/00 (2006.01)
G08C 17/00 (2006.01)
(87) WO2024/049757
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(72) DEBORD, Will; DEBORD, Christine; GENGLER, David P.; PERRY, Nathan
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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(21) 2023357240 **(22)** 14.09.2023
(54) PAPER SHEET DISCHARGE ACCUMULATION DEVICE AND REFLUX-TYPE PAPER SHEET PROCESSING DEVICE
(51) Int. Cl.
B65H 31/02 (2006.01)
B65H 31/26 (2006.01)
G07D 11/17 (2019.01)
G07D 11/175 (2019.01)
(87) WO2024/075493
(31) 2022-162202 **(32)** 07.10.22 **(33)** JP
(43) 11.04.2024
(72) FUJIE Yoshihisa; TOGANO Keiichi
(74) AJ PARK

(71) JEMELLA LIMITED
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(21) 2023336732 **(22)** 05.09.2023
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A45D 1/28 (2006.01)
A45D 6/20 (2006.01)
A46B 15/00 (2006.01)
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(31) 2213086.8 **(32)** 07.09.22 **(33)** GB
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(71) JFE ENGINEERING CORPORATION; NATIONAL UNIVERSITY CORPORATION UNIVERSITY OF TOYAMA
(11) AU-A-2023334093
(21) 2023334093 **(22)** 21.07.2023
(54) CATALYST, METHOD FOR MANUFACTURING SAME, AND METHOD FOR MANUFACTURING LIQUID FUEL
(51) Int. Cl.
B01J 29/14 (2006.01)
B01J 37/02 (2006.01)
B01J 37/30 (2006.01)
C07B 61/00 (2006.01)
C07C 1/04 (2006.01)
C07C 9/14 (2006.01)
C07C 9/22 (2006.01)
(87) WO2024/048119
(31) 2022-139985 **(32)** 02.09.22 **(33)** JP
(43) 07.03.2024
(72) DOI, Makoto; HASHIMOTO, Yukako; URABE, Haruki; IWASAKI, Toshihiko; TSUBAKI, Noritatsu; GUO, Xiaoyu
(74) PHILLIPS ORMONDE FITZPATRICK

(71) JFE STEEL CORPORATION
(11) AU-A-2023352243
(21) 2023352243 **(22)** 28.09.2023
(54) STEEL MATERIAL HAVING EXCELLENT FATIGUE CHARACTERISTICS IN HYDROGEN, METHOD FOR PRODUCING SAME, STEEL PIPE, AND METHOD FOR MANUFACTURING SAME
(51) Int. Cl.
C22C 38/00 (2006.01)
C21D 8/02 (2006.01)
C21D 8/10 (2006.01)
C22C 38/60 (2006.01)
(87) WO2024/071353
(31) 2022-157171 **(32)** 29.09.22 **(33)** JP
(43) 04.04.2024
(72) INOUE Naho; OKANO Hiroshi; NISHIHARA Yoshihiro; IZUMI Daichi
(74) Davies Collison Cave Pty Ltd

(71) JFE STEEL CORPORATION
(11) AU-A-2023352244
(21) 2023352244 **(22)** 28.09.2023
(54) STEEL TUBE EXHIBITING EXCELLENT FATIGUE CHARACTERISTICS AGAINST HYDROGEN AND PRODUCTION METHOD THEREFOR, AND STEEL MATERIAL AND PRODUCTION METHOD THEREFOR
(51) Int. Cl.
C22C 38/00 (2006.01)
B21B 17/00 (2006.01)
B22D 11/00 (2006.01)
C21D 8/02 (2006.01)
C21D 8/10 (2006.01)
C21D 9/08 (2006.01)
C22C 38/60 (2006.01)
(87) WO2024/071354
(31) 2022-157172 **(32)** 29.09.22 **(33)** JP
(43) 04.04.2024
(72) INOUE Naho; OKANO Hiroshi; NISHIHARA Yoshihiro
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2023352247
(21) 2023352247 (22) 28.09.2023
(54) STEEL MATERIAL FOR LINE PIPES AND PRODUCTION METHOD THEREFOR, AND STEEL TUBE FOR LINE PIPES AND PRODUCTION METHOD THEREFOR
(51) Int. Cl.
C22C 38/00 (2006.01)
C21D 8/02 (2006.01)
C21D 8/10 (2006.01)
C22C 38/60 (2006.01)
(87) WO2024/071357
(31) 2022-157173 (32) 29.09.22 (33) JP
(43) 04.04.2024
(72) OKANO Hiroshi; NISHIHARA Yoshihiro; INOUE Naho; IZUMI Daichi
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023337290
(21) 2023337290 (22) 08.09.2023
(54) ANTI-ILT4 ANTIBODY AND PHARMACEUTICAL USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(87) WO2024/051804
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(72) YE, Xin; SUN, Le; JIN, Xinsheng; YING, Hua
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023340289
(21) 2023340289 (22) 15.09.2023
(54) POLYMORPHIC FORM OF NEPICASTAT ACID ADDITION SALT, PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07D 233/84 (2006.01)
A61K 31/417 (2006.01)
A61P 9/04 (2006.01)
A61P 9/12 (2006.01)
A61P 25/18 (2006.01)
A61P 29/00 (2006.01)
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(72) GUO, Yushen; HE, Xiaoqing; XU, Miaohuan; ZHOU, Lanping
(74) FB Rice Pty Ltd
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- (71) JOHN BEAN TECHNOLOGIES CORPORATION
(11) AU-A-2023316638
(21) 2023316638 (22) 28.07.2023
(54) PROCESSING APPARATUS
(51) Int. Cl.
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(11) AU-A-2023380022
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(54) RECYCLING OF CATALYST COATED MEMBRANE COMPONENTS
(51) Int. Cl.
C08J 11/06 (2006.01)
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(74) Spruson & Ferguson
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(21) 2023326628 (22) 18.08.2023
(54) METHOD FOR TREATING A T-LYMPHOCYTE-MEDIATED DISEASE
(51) Int. Cl.
A61K 39/395 (2006.01)
A61P 1/00 (2006.01)
A61P 9/00 (2006.01)
A61P 13/12 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07K 16/28 (2006.01)
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(74) Arceo IP
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- (71) KAL TIRE
(11) AU-A-2022475156
(21) 2022475156 (22) 26.08.2022
(54) CLAMP DEVICE
(51) Int. Cl.
B60B 29/00 (2006.01)
B25B 5/04 (2006.01)
B25B 5/06 (2006.01)
B25B 5/14 (2006.01)
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(72) MCMUNN, Clayton Wilford Russell; NILSSON, Jan Peter
(74) Spruson & Ferguson
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- (71) KATMA ENGINEERING GMBH
(11) AU-A-2023337481
(21) 2023337481 (22) 06.09.2023
(54) CLEANING ROBOT FOR CLEANING THE LOADING SPACE OF A MEANS OF TRANSPORT
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B60S 3/00 (2006.01)
B05B 13/00 (2006.01)
B08B 3/02 (2006.01)
B08B 9/08 (2006.01)
B08B 9/093 (2006.01)
B25J 5/00 (2006.01)
B65D 88/12 (2006.01)
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(43) 14.03.2024
(72) KATHÖFER, Felix; KATHÖFER, Patrick
(74) Michael Buck IP
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- (71) KELLANOVA
(11) AU-A-2023334727
(21) 2023334727 (22) 31.08.2023
(54) COMPOSITION AND METHOD OF MAKING A GEL SYSTEM FOR VEGAN MEAT ANALOGS
(51) Int. Cl.
A23J 3/22 (2006.01)
A23L 13/40 (2023.01)
A23L 27/00 (2016.01)
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(31) 63/402,745 (32) 31.08.22 (33) US
(43) 07.03.2024
(72) HOSSEN, Monjur; IFEDUBA, Ebenezer
(74) Davies Collison Cave Pty Ltd
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- (71) KIDSWELL BIO CORPORATION
(11) AU-A-2023357562
(21) 2023357562 (22) 02.10.2023
(54) NOVEL DENTAL PULP STEM CELL POPULATION
(51) Int. Cl.
C12N 5/0775 (2010.01)
A61K 35/32 (2015.01)
A61P 1/04 (2006.01)
A61P 9/10 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
A61P 37/06 (2006.01)
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(31) PCT/JP2022/036892 (32) 03.10.22 (33) JP
2023-080181 15.05.23 JP
(43) 11.04.2024
(72) MITANI Yasuyuki; ARIKI Hiromi; FUKUDA Noritaka
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) KNAUF GIPS KG
(11) AU-A-2023314597
(21) 2023314597 (22) 24.07.2023
(54) METHOD AND APPARATUS FOR MAKING A GYPSUM BOARD, AND GYPSUM BOARD MADE ACCORDING TO THE METHOD

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(71) KOREA ZINC CO.,LTD.; KEMCO (11) AU-A-2024213148 (21) 2024213148 (22) 18.04.2024 (54) ALL-IN-ONE NICKEL SMELTING METHOD FOR NICKEL RECOVERY FROM RAW MATERIALS CONTAIN- ING NICKEL (51) Int. Cl. C22B 23/00 (2006.01) C01G 53/10 (2006.01) C22B 1/06 (2006.01) C22B 3/06 (2006.01) C22B 3/08 (2006.01) C22B 3/10 (2006.01) C22B 3/20 (2006.01) C22B 3/26 (2006.01) (31) 10-2023-0112131 (32) 25.08.23 (33) KR 10-2023-0146807 30.10.23 KR (43) 13.03.2025 (72) CHOI, Heon Sik; LEE, Je Joong (74) ET Intellectual Property	(71) KOREA ZINC CO.,LTD.; KEMCO (11) AU-A-2024213153 (21) 2024213153 (22) 18.04.2024 (54) ALL-IN-ONE NICKEL SMELTING METHOD FOR NICKEL OXIDE RE- COVERY FROM RAW MATERIALS CONTAINING NICKEL (51) Int. Cl. C22B 23/00 (2006.01) C01G 53/04 (2006.01) C22B 1/06 (2006.01) C22B 3/06 (2006.01) C22B 3/08 (2006.01) C22B 3/10 (2006.01) C22B 3/20 (2006.01) C22B 3/26 (2006.01) (31) 10-2023-0112131 (32) 25.08.23 (33) KR 10-2024-0003684 09.01.24 KR (43) 13.03.2025 (72) CHOI, Heon Sik; LEE, Je Joong (74) ET Intellectual Property	(71) KRONOS INTERNATIONAL, INC. (11) AU-A-2023346329 (21) 2023346329 (22) 13.09.2023 (54) FEEDSTOCK COMPOSITE WITH CARBONACEOUS MATERIAL HAV- ING A TAILORED DENSITY (51) Int. Cl. C22B 1/242 (2006.01) C22B 1/243 (2006.01) C22B 1/244 (2006.01) C22B 1/245 (2006.01) C22B 7/04 (2006.01) C22B 34/12 (2006.01) (87) WO2024/061708 (31) 22196476.0 (32) 20.09.22 (33) EP (43) 28.03.2024 (72) LANDWEHR, Frank; PIERAU, Thomas; BARWARI, Beawer; MEDVED, Mitja; GNOTKE, Oliver (74) Davies Collison Cave Pty Ltd
(71) KOREA ZINC CO.,LTD.; KEMCO (11) AU-A-2024213149 (21) 2024213149 (22) 18.04.2024 (54) ALL-IN-ONE NICKEL SMELTING METHOD FOR NICKEL HYDROXIDE RECOVERY FROM RAW MATERIALS CONTAINING NICKEL (51) Int. Cl. C22B 23/00 (2006.01) C01G 53/04 (2006.01) C22B 1/06 (2006.01) C22B 3/06 (2006.01) C22B 3/08 (2006.01) C22B 3/10 (2006.01) C22B 3/20 (2006.01) C22B 3/26 (2006.01) (31) 10-2023-0112131 (32) 25.08.23 (33) KR 10-2024-0003645 09.01.24 KR (43) 13.03.2025 (72) CHOI, Heon Sik; LEE, Je Joong (74) ET Intellectual Property	(71) KOREA ZINC CO.,LTD.; KEMCO (11) AU-A-2024213154 (21) 2024213154 (22) 04.07.2024 (54) PREPARING METHOD OF NICK- EL SULFATE AQUEOUS SOLUTION FROM RAW MATERIALS CONTAIN- ING NICKEL (51) Int. Cl. C22B 23/00 (2006.01) C01G 53/10 (2006.01) C22B 1/06 (2006.01) C22B 3/06 (2006.01) C22B 3/08 (2006.01) C22B 3/10 (2006.01) C22B 3/20 (2006.01) C22B 3/26 (2006.01) (31) 10-2023-0112131 (32) 25.08.23 (33) KR 10-2024-0080945 21.06.24 KR (43) 13.03.2025 (72) CHOI, Heon Sik; LEE, Je Joong (74) ET Intellectual Property	(71) KYORAKU CO., LTD. (11) AU-A-2023315394 (21) 2023315394 (22) 24.07.2023 (54) CONTAINER MANUFACTURING METHOD, DOUBLE CONTAIN- ER MANUFACTURING METHOD, DOUBLE CONTAINER, AND METH- OD FOR DISCHARGING CONTENTS FROM DOUBLE CONTAINER (51) Int. Cl. B29C 49/02 (2006.01) B29B 11/04 (2006.01) B29B 11/08 (2006.01) B29B 11/10 (2006.01) B29C 49/22 (2006.01) B65D 1/00 (2006.01) B65D 1/02 (2006.01) (87) WO2024/024715 (31) 2022-119694 (32) 27.07.22 (33) JP 2022-119690 27.07.22 JP 2022-119696 27.07.22 JP 2022-119692 27.07.22 JP 2022-119698 27.07.22 JP 2022-131282 19.08.22 JP (43) 01.02.2024 (72) TARUNO, Shinsuke; MUROYA, Yosuke; SUENAGA, Takafumi; OHMURA, Ippei; KUNIMORI, Kentaro (74) FB Rice Pty Ltd
(71) KOREA ZINC CO.,LTD.; KEMCO (11) AU-A-2024213150 (21) 2024213150 (22) 18.04.2024 (54) ALL-IN-ONE NICKEL SMELTING METHOD FOR NICKEL METAL RE- COVERY FROM RAW MATERIALS CONTAINING NICKEL (51) Int. Cl.	(71) KPR U.S., LLC (11) AU-A-202333275 (21) 202333275 (22) 01.09.2023 (54) ENTERAL FEEDING SYRINGE DE- TECTION (51) Int. Cl. A61M 5/142 (2006.01) (87) WO2024/050532 (31) 63/374,433 (32) 02.09.22 (33) US (43) 07.03.2024 (72) ALEXANDER, Samuel; BRAMES, Laura; BREITWEISER, Kenneth Mi-	(71) LABORATORIO DIGITAL HIGH TEETH, S.L. (11) AU-A-2022476639 (21) 2022476639 (22) 01.09.2022 (54) IMPRESSION MAKING SYSTEM FOR THE MANUFACTURE OF REMOV- ABLE DENTAL PROSTHESES (51) Int. Cl. A61C 9/00 (2006.01) (87) WO2024/047263

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(74) DAVIS IP PTY LTD
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(11) AU-A-2023364867
(21) 2023364867 (22) 17.10.2023
(54) FASTENING SYSTEM FOR A CONVEYOR BELT
(51) Int. Cl.
F16G 3/00 (2006.01)
B65G 15/30 (2006.01)
(87) WO2024/086127
(31) 63/417,038 (32) 18.10.22 (33) US
63/450,158 06.03.23 US
(43) 25.04.2024
(72) RUSSO, Christopher Dale; HAMBLIN, Vincent R.
(74) Spruson & Ferguson
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- (71) LA MARZOCCO S.R.L.
(11) AU-A-2023323406
(21) 2023323406 (22) 10.08.2023
(54) COFFEE GRINDING MACHINE WITH BURR ALIGNMENT SYSTEM AND ASSOCIATED METHOD
(51) Int. Cl.
A47J 42/18 (2006.01)
A47J 42/20 (2006.01)
(87) WO2024/033853
(31) 102022000017139 (32) 10.08.22 (33) IT
(43) 15.02.2024
(72) GATTI, Riccardo; MARCHI, Riccardo; BECCASTRINI, Marco
(74) Franke Hyland Pty Ltd
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- (71) LANDIS+GYR TECHNOLOGY, INC.
(11) AU-A-2023338460
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(54) APPARATUS FOR EMULATING A WIRELESS MESH NETWORK
(51) Int. Cl.
H01Q 21/06 (2006.01)
H04B 17/30 (2015.01)
H01Q 1/22 (2006.01)
(87) WO2024/054945
(31) 2213236.9 (32) 09.09.22 (33) GB
(43) 14.03.2024
(72) MATTHEWS, Justin
(74) Davies Collison Cave Pty Ltd
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- (71) LAVA BLUE LTD
(11) AU-A-2024221601
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(54) A METHOD FOR PRODUCING A DOPED ALUMINOUS MATERIAL
(51) Int. Cl.
C01F 7/306 (2022.01)
C01F 7/56 (2022.01)
C09K 11/57 (2006.01)
C09K 11/68 (2006.01)
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- (71) LEON-NANODRUGS GMBH
(11) AU-A-2023342330
(21) 2023342330 (22) 12.09.2023
(54) DISPOSABLE REACTOR FOR MIXING TWO LIQUIDS
(51) Int. Cl.
B01F 25/23 (2022.01)
B01F 35/00 (2022.01)
B01J 19/26 (2006.01)
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(72) STIENEKER, Frank; ERHARD, Martin; LOWNDES, Charlie; HARVEY, Oliver
(74) Oxygene IP
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- (71) LG CHEM, LTD.
(11) AU-A-2023312568
(21) 2023312568 (22) 31.07.2023
(54) RECOMBINANT FUSION PROTEIN FOR ANTIGEN DELIVERY AND USES THEREOF
(51) Int. Cl.
C07K 14/00 (2006.01)
A61K 39/00 (2006.01)
A61P 37/00 (2006.01)
C07K 14/47 (2006.01)
C12N 15/62 (2006.01)
(87) WO2024/025397
(31) 10-2022-0095094 (32) 29.07.22 (33) KR
(43) 01.02.2024
(72) CHO, Seong Je; MIN, Kyeongsik; KIM, Dae Hee; KIM, Youngmok; SHIN, Do Woon; RYU, Su Jeong; KIM, Han Byul; KIM, Da Eun; JANG, Sung Woong; PARK, Jun Gyu
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) LG ELECTRONICS INC.
(11) AU-A-2023449909
(21) 2023449909 (22) 13.06.2023
(54) VACUUM ADIABATIC BODY AND METHOD FOR MANUFACTURING VACUUM ADIABATIC BODY
(51) Int. Cl.
F25D 23/06 (2006.01)
F16L 59/065 (2006.01)
(87) WO2024/257911
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(72) JUNG, Wonyeong; YOUN, Deokhyun; KIM, Bongjin; LEE, Sungsub; BAE, Jaehyun
(74) Dentons Patent Attorneys Australasia Limited
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- (71) LG ENERGY SOLUTION, LTD.
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(21) 2024304250 (22) 13.02.2024
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- (54) BATTERY MANAGEMENT DEVICE, BATTERY SYSTEM, AND BATTERY MODULE ASSEMBLY BALANCING METHOD
(51) Int. Cl.
H02J 7/00 (2006.01)
B60L 58/22 (2019.01)
H01M 10/42 (2006.01)
H01M 10/44 (2006.01)
(87) WO2024/257988
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(43) 19.12.2024
(72) LEE, Heonguk; SUN, Ju Young
(74) FB Rice Pty Ltd
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- (71) LIFESCIENCEPLUS, INC.
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(54) WOUND HEALING AND RELATED PRODUCTS AND METHODS THEREOF FOR REGULATING TISSUE GROWTH FACTORS FOR HEALING
(51) Int. Cl.
C08B 11/12 (2006.01)
A61F 13/00 (2024.01)
C08L 5/14 (2006.01)
(87) WO2024/049708
(31) 63/402,296 (32) 30.08.22 (33) US
(43) 07.03.2024
(72) LIN, Guiting; GRUBB, Stephen; FENG, Vicky
(74) HENRY HUGHES IP LTD
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- (71) LIGHTCAST DISCOVERY LTD
(11) AU-A-2023327929
(21) 2023327929 (22) 22.08.2023
(54) IMPROVEMENTS IN OR RELATING TO A COMPOSITE WALL OF A DEVICE
(51) Int. Cl.
B01L 3/00 (2006.01)
(87) WO2024/042320
(31) 2212263.4 (32) 23.08.22 (33) GB
(43) 29.02.2024
(72) ISAAC, Thomas Henry; INGHAM, Richard Jeremy; IBBOTSON, Lindsey; PUCHTLER, Timothy James; DEACON, William; EVANS, Gareth William Harry; WOOTTON, Robert
(74) FB Rice Pty Ltd
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- (71) LIGHTHOUSE WORLDWIDE SOLUTIONS, INC.
(11) AU-A-2023316650
(21) 2023316650 (22) 31.07.2023
(54) FITTED FACE MASK APPARATUS
(51) Int. Cl.
A41D 13/11 (2006.01)
A62B 23/00 (2006.01)
A62B 18/02 (2006.01)
(87) WO2024/026508
(31) 17/816,263 (32) 29.07.22 (33) US
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(72) NEWMAN, Paul
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2023317740 (22) 02.08.2023
(54) HETEROARYL CARBOXAMIDE AND RELATED GPR84 ANTAGONISTS AND USES THEREOF
(51) Int. Cl.
C07D 249/04 (2006.01)
A61K 31/4192 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 405/06 (2006.01)
C07D 405/14 (2006.01)
(87) WO2024/028363
(31) 63/394,371 (32) 02.08.22 (33) US
(43) 08.02.2024
(72) ABBOTT, Shaun; DE LÉSÉLEUC, Mylène; MARTEL, Julien; BOURQUE, Elyse; GREEN, Jeremy; NASSER, Nadia Michel
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C07D 249/06 (2006.01)
A61K 31/4192 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/06 (2006.01)
C07D 405/02 (2006.01)
C07D 405/14 (2006.01)
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A61B 17/11 (2006.01)
A61F 2/06 (2013.01)
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C01C 1/04 (2006.01)
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F01C 1/10 (2006.01)
F01C 21/18 (2006.01)
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H01M 8/04186 (2016.01)
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F28D 17/02 (2006.01)
F24F 12/00 (2006.01)
F28D 21/00 (2006.01)
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A61K 9/70 (2006.01)
A61K 9/107 (2006.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
A61P 17/12 (2006.01)
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E03C 1/12 (2006.01)
E03F 3/04 (2006.01)
F16L 3/12 (2006.01)
F16L 43/00 (2006.01)
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G01C 21/36 (2006.01)
G08G 1/137 (2006.01)
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A61K 31/54 (2006.01)
A61K 31/33 (2006.01)
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C12Q 1/6886 (2018.01)
C12N 15/117 (2010.01)
C12Q 1/6869 (2018.01)
G01N 33/50 (2006.01)
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A61K 31/4745 (2006.01)
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A61M 1/00 (2006.01)
A61F 13/00 (2024.01)
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C07K 16/28 (2006.01)
A61K 31/436 (2006.01)
A61K 31/437 (2006.01)
A61K 38/17 (2006.01)
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A61P 35/00 (2006.01)
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C07D 519/00 (2006.01)
A61K 31/4365 (2006.01)
A61P 35/00 (2006.01)
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C07D 491/147 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
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F21V 17/10 (2006.01)
E04H 4/14 (2006.01)
F21V 15/01 (2006.01)
F21V 19/00 (2006.01)
F21V 29/15 (2015.01)
F21V 29/507 (2015.01)
F21V 31/04 (2006.01)
H01J 9/39 (2006.01)
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(51) Int. Cl.
F23C 10/18 (2006.01)
B01J 6/00 (2006.01)
C01F 7/441 (2022.01)
C01F 7/445 (2022.01)
F27B 15/02 (2006.01)

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F23C 10/02 (2006.01)
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F27B 15/00 (2006.01)

(87) WO2024/052591

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C07D 403/14 (2006.01)
A61K 31/404 (2006.01)
A61K 31/675 (2006.01)
A61P 25/00 (2006.01)
C07F 9/6558 (2006.01)

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(74) Allens Patent & Trade Mark Attorneys

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A61K 31/53 (2006.01)
A61B 5/021 (2006.01)
A61B 5/107 (2006.01)
A61K 31/549 (2006.01)
A61P 9/12 (2006.01)
G01N 33/50 (2006.01)

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A61K 31/33 (2006.01)
A61K 9/20 (2006.01)

A61K 45/06 (2006.01)

A61P 35/00 (2006.01)

(87) WO2024/039897

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B01D 53/04 (2006.01)

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(51) Int. Cl.
C25B 9/00 (2021.01)
C01B 3/02 (2006.01)
C25B 1/042 (2021.01)
C25B 9/23 (2021.01)
C25B 9/67 (2021.01)
C25B 15/00 (2006.01)
C25B 15/021 (2021.01)

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(54) GAS LEAK DETECTION DEVICE, GAS LEAK DETECTION METHOD, AND GAS LEAK DETECTION PROGRAM

(51) Int. Cl.
G06T 7/254 (2017.01)

G01M 3/02 (2006.01)

G01M 3/38 (2006.01)

G06T 7/00 (2017.01)

G06V 10/72 (2022.01)

G06V 10/82 (2022.01)

(87) WO2024/070965

(31) 2022-154745 (32) 28.09.22 (33) JP

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(54) CONTROL DEVICE, CONTROL METHOD, AND AIR CONDITIONER

(51) Int. Cl.
F24F 11/86 (2018.01)
F24F 11/46 (2018.01)
F24F 11/64 (2018.01)

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(54) IMPELLER, BLOWER, AND AIR CONDITIONER

(51) Int. Cl.
F04D 29/30 (2006.01)

(87) WO2024/048769

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(51) Int. Cl.
B64C 39/02 (2023.01)
B60F 5/02 (2006.01)
B63G 8/00 (2006.01)
B63G 8/16 (2006.01)
B63G 8/22 (2006.01)
B64C 37/00 (2006.01)
B64U 10/13 (2023.01)
B64U 30/20 (2023.01)
B64U 50/19 (2023.01)

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A61F 13/00 (2024.01)
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(51) Int. Cl.
A63B 21/00 (2006.01)
A63B 21/015 (2006.01)
A63B 21/22 (2006.01)
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(51) Int. Cl.
F21S 4/28 (2016.01)
F21V 5/02 (2006.01)
F21V 5/04 (2006.01)
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C12M 1/16 (2006.01)
A01G 18/00 (2018.01)
C12M 1/04 (2006.01)
C12M 1/12 (2006.01)
C12N 1/14 (2006.01)
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B25F 5/00 (2006.01)
H02K 7/00 (2006.01)
H02P 5/00 (2016.01)
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(74) Madderens Pty Ltd
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(54) SYSTEMS AND METHODS FOR PRO-
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GRAPHIC CURRENCY
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G06Q 20/22 (2012.01)
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(54) ACTIVATOR ADMIXTURE FOR CE-
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(51) Int. Cl.
C04B 28/04 (2006.01)
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C04B 103/30 (2006.01)
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(11) AU-A-2023316082
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PREPARATIONS AND METHODS OF
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(51) Int. Cl.
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A61P 25/00 (2006.01)
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(72) FRENCH, Andrew
(74) Allens Patent & Trade Mark Attorneys
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(21) 2022486147 (22) 07.11.2022
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MENT METHOD, AND ACIDIC GAS
ADSORPTION SYSTEM
(51) Int. Cl.
G06Q 10/20 (2023.01)
(87) WO2024/100740
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(74) Griffith Hack
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(21) 2023334312 (22) 29.08.2023
(54) ACIDIC-GAS ADSORPTION DEVICE
(51) Int. Cl.
B01D 53/14 (2006.01)
B01D 53/18 (2006.01)
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(72) ANDO Junichi; TAKAHASHI Michio;
OKUMA Yusuke; IIDA Kazuki; KAN
Hirofumi; SHIBAGAKI Yukinari; MAE-
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(51) Int. Cl.
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OKUMA Yusuke; IIDA Kazuki; KAN
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(51) Int. Cl.

B01D 53/04 (2006.01)*B01J 20/22* (2006.01)*C01B 32/50* (2017.01)

(87) WO2024/048566

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OKUMA Yusuke; KAN Hirofumi;
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(51) Int. Cl.

B01D 53/04 (2006.01)*B01D 53/14* (2006.01)*B01D 53/62* (2006.01)*C01B 32/50* (2017.01)

(87) WO2024/048567

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(54) LIQUID FUEL PRODUCTION SYSTEM
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(51) Int. Cl.

C10G 2/00 (2006.01)*B01D 53/22* (2006.01)*C07C 29/152* (2006.01)*C07C 31/04* (2006.01)*C10L 1/02* (2006.01)

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(54) MAINTAINING OBJECT ALIGNMENT
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A63F 13/216 (2014.01)*A63F 13/65* (2014.01)*A63F 13/79* (2014.01)*G06T 19/00* (2011.01)

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Adrian; KNOBLAUCH, Daniel

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MALKAMÄKI, Esa Mikael; SEBIRE,
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nelia Adriana; TWIGT, Maria

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A61K 47/64 (2017.01)*A61K 47/69* (2017.01)*A61P 35/00* (2006.01)

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 B65G 1/14 (2006.01)
 B66F 9/07 (2006.01)
 B65G 1/00 (2006.01)
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 B65G 67/60 (2006.01)
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 (74) Duncan Bucknell Company Pty Ltd

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 (51) Int. Cl.
 A01N 1/168 (2025.01)
 A61B 5/02 (2006.01)
 A61B 5/318 (2021.01)
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 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.
 A01N 1/10 (2025.01)
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 (87) WO2024/054588
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 CHURCHILL, Lucas
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 SYSTEM AND METHOD
 (51) Int. Cl.
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 Pranam
 (74) GLMR

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 (72) CORATHERS, Brian Alan; LAN-
 CASTER, James; SHELL, Robert L., III;
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 (74) Kings Patent & Trade Marks Attorneys
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 (54) IMMUNOGENIC COMPOSITIONS
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(71) PHARMA CINQ, LLC
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 (74) FB Rice Pty Ltd

(71) PHOSPHOLUTIONS INC.
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 (21) 2023324707 (22) 16.08.2023
 (54) METHOD FOR PRODUCING SUPER-
 PHOSPHATE WITH IN SITU FLUOR-
 INE SEQUESTRATION
 (51) Int. Cl.
 C05B 1/00 (2006.01)
 C05B 1/02 (2006.01)
 (87) WO2024/039710
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 (43) 22.02.2024
 (72) ISAACSON, Kyle J.; WELIKHE, Pau-
 line; STREHL, Taylor; WALTZ, Aaron;
 LEÓN Y LEÓN, Carlos A.
 (74) Spruson & Ferguson

(71) PIACUN, M.
 (11) AU-A-2023319137
 (21) 2023319137 (22) 01.08.2023
 (54) PIPE HANDLING SYSTEM
 (51) Int. Cl.
 B66C 1/42 (2006.01)
 B66C 1/62 (2006.01)
 E02F 3/413 (2006.01)
 E02F 3/96 (2006.01)
 F16L 1/06 (2006.01)
 (87) WO2024/026532
 (31) 2022902165 (32) 02.08.22 (33) AU
 (43) 08.02.2024
 (72) PIACUN, Mark
 (74) IP Flourish

(71) PINETREE THERAPEUTICS, INC.
 (11) AU-A-2023317484
 (21) 2023317484 (22) 28.07.2023
 (54) COMPOSITIONS FOR TARGETED
 LYSOSOMAL DEGRADATION AND
 METHODS OF USE THEREOF
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
 (87) WO2024/030341
 (31) 63/369,948 (32) 30.07.22 (33) US
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 (43) 08.02.2024
 (72) SONG, Hojuhn
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) PIRANI, S.; THOMPSON, B.
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 (21) 2023314478 (22) 26.09.2023
 (54) METHOD AND APPARATUS FOR
 PRESCRIPTION MANAGEMENT
 (51) Int. Cl.
 G06Q 20/40 (2012.01)
 G06Q 20/36 (2012.01)
 G06Q 30/0283 (2023.01)
 G16H 10/60 (2018.01)
 G16H 20/10 (2018.01)
 G06Q 30/06 (2023.01)
 G16H 80/00 (2018.01)
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(21) 2023326039 (22) 13.07.2023
(54) GEOLOGICAL MAPPING
(51) Int. Cl.
G06T 7/62 (2017.01)
G01V 8/02 (2006.01)
G06N 3/04 (2023.01)
G06Q 50/02 (2024.01)
G06T 7/13 (2017.01)
G06T 17/05 (2011.01)
(87) WO2024/036359
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(72) JOB, Andrew
(74) Spruson & Ferguson

(71) POSEIDON OCEAN SYSTEMS LTD.
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(21) 2024324072 (22) 14.08.2024
(54) OXYGENATION ASSEMBLY FOR
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(51) Int. Cl.
B01F 23/231 (2022.01)
A01K 63/04 (2006.01)
B01F 25/20 (2022.01)
B01F 25/312 (2022.01)
B01F 25/43 (2022.01)
B01F 25/433 (2022.01)
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C02F 7/00 (2006.01)
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(43) 20.02.2025
(72) LOGUE, Evan; CLARKE, Mathew
Stephen
(74) James & Wells Intellectual Property

(71) POWER MANAGEMENT HOLDINGS
(U.S.), INC.
(11) AU-A-2023334290
(21) 2023334290 (22) 30.08.2023
(54) ENERGY DISPATCH OPTIMIZATION
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ENERGY RESOURCES
(51) Int. Cl.
H02J 3/00 (2006.01)
G06Q 50/06 (2024.01)
H02J 3/32 (2006.01)
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H02J 13/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) TAMPER RESISTANT CONNECT-
OR SECURITY SLEEVE SYSTEM
WITH TOOL-LESS TIGHTENING AND
CONFIGURED TO USE A TOOL FOR
LOOSENING
(51) Int. Cl.
H01R 13/622 (2006.01)
H01R 13/623 (2006.01)
H01R 13/639 (2006.01)
H01R 9/05 (2006.01)
H01R 24/40 (2011.01)
H01R 103/00 (2006.01)
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(43) 22.02.2024
(72) PURDY, Eric
(74) Origin Patent and Trade Mark Attorneys

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(54) METHOD FOR MODELLING AN EN-
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(72) VERMUNT, Joris; ALBERTINI, Jean-
Noël; PERRIN, David
(74) FPA Patent Attorneys Pty Ltd

(71) PROXAMAMA LLC
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(54) FLOW CONTROL VALVE FOR INFANT
FEEDING DEVICE
(51) Int. Cl.
A61J 11/00 (2006.01)
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VAINIKKA, Caleb
(74) Pizzey's Patent and Trade Mark Attor-
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(54) BILLIARD TABLE AND STONE SLAB
CONNECTOR THEREOF
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A63D 15/00 (2006.01)
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F16B 5/02 (2006.01)
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(43) 07.03.2024
(72) QIAO, Yuanxu
(74) A.P.T. Patent and Trade Mark Attor-
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(71) QINGDAO KINGAGROOT CHEMICAL
COMPOUND CO., LTD.
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(21) 2023321447 (22) 29.07.2023
(54) METHOD OF SPECIFICALLY IN-
CREASING LACTOTRANSFERRIN
GENE EXPRESSION LEVEL AND AP-
PLICATION THEREOF
(51) Int. Cl.
C12N 15/09 (2006.01)
A01K 67/027 (2024.01)
C07K 14/47 (2006.01)
C07K 14/79 (2006.01)
C12N 9/22 (2006.01)
C12N 15/11 (2006.01)
C12N 15/63 (2006.01)
C12N 15/79 (2006.01)
C12N 15/85 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) SILICON-BASED QUANTUM PRO-
CESSOR
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G06N 10/20 (2022.01)
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(72) GONZALEZ-ZALBA, Miguel Fernando;
LEON, Ross Cho Chun
(74) Madderns Pty Ltd

(71) R.P. SCHERER TECHNOLOGIES, LLC
(11) AU-A-2023321675
(21) 2023321675 (22) 11.08.2023
(54) COATED ENTERIC SOFTGEL CAP-
SULES
(51) Int. Cl.
A61K 9/48 (2006.01)
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(31) 63/397,558 (32) 12.08.22 (33) US
(43) 15.02.2024
(72) SUKURU, Karunakar; FANG, Qi; LI,
Haitao
(74) Pearce IP Pty Ltd

(71) RACEHORSE INCORPORATED
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(54) NUTRIENT COMPOSITION FOR AN-
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(51) Int. Cl.
A23K 50/20 (2016.01)
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(72) IKOMA, Yuki; YAMANE, Takuya
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(71) RAYTHEON COMPANY (11) AU-A-2023347642 (21) 2023347642 (22) 20.07.2023 (54) MECHANISM FOR ATTACHMENT AND DETACHMENT OF AN AIRFOIL TO AN AIRFRAME (51) Int. Cl. B64C 1/26 (2006.01) F42B 10/04 (2006.01) F42B 10/06 (2006.01) (87) WO2024/064434 (31) 17/950,539 (32) 22.09.22 (33) US (43) 28.03.2024 (72) RELLER, Dan, L.; HUDAK, Paul, T.; FRITS, Andrew, P., Jr.; HOLBROOK, Scott, Andrew (74) RnB IP Pty Ltd	(71) RELAXERA PHARMAZEUTISCHE GESELLSCHAFT MBH & CO. KG (11) AU-A-2023332056 (21) 2023332056 (22) 30.08.2023 (54) IMMUNOSUPPRESSIVE MEDICATION AND METHOD OF TREATMENT (51) Int. Cl. A61K 38/22 (2006.01) A61P 1/04 (2006.01) A61P 3/10 (2006.01) A61P 9/12 (2006.01) A61P 13/12 (2006.01) A61P 19/02 (2006.01) A61P 19/06 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07K 14/64 (2006.01) (87) WO2024/047130 (31) 10 2022 121 976.3 (32) 31.08.22 (33) DE	(71) ROBERT BOSCH GMBH (11) AU-A-2023312930 (21) 2023312930 (22) 17.07.2023 (54) MULTI-AXIS DAMPER FOR STEERING RACK BAR (51) Int. Cl. B62D 3/12 (2006.01) B62D 7/22 (2006.01) (87) WO2024/022866 (31) 17/876730 (32) 29.07.22 (33) US (43) 01.02.2024 (72) LAGANA, Nicholas (74) Spruson & Ferguson (71) ROBERT BOSCH GMBH (11) AU-A-2023314838 (21) 2023314838 (22) 17.07.2023 (54) MULTI-AXIS DAMPER FOR STEERING RACK BAR (51) Int. Cl. B62D 3/12 (2006.01) B62D 7/22 (2006.01) (87) WO2024/022867 (31) 17/876760 (32) 29.07.22 (33) US (43) 01.02.2024 (72) LAGANA, Nicholas (74) Spruson & Ferguson
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(72) MITCHELL, Max
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(54) AN ELECTROLYTIC CELL AND METHOD OF ELECTROLYSIS
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C25B 9/60 (2021.01)
C25B 1/04 (2021.01)
C25B 9/17 (2021.01)
C25B 9/65 (2021.01)
C25B 15/00 (2006.01)
H10N 30/00 (2023.01)
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(72) REZK, Amgad; YEO, Leslie; EHRNST, Yemima
(74) PHILLIPS ORMONDE FITZPATRICK

(71) RPXDS CO., LTD
(11) AU-A-2023312773
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(54) FTO INHIBITORS
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C07C 35/00 (2006.01)
A61K 31/277 (2006.01)
A61P 3/04 (2006.01)
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(72) CUNNIFF, Brian
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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F03G 7/00 (2006.01)
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(72) RUSSWURM, Heinz Georg; HUSZ, Georg Béla
(74) Elliptic Legal & Patent Services

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(54) METHOD, SYSTEM, AND DEVICE TO PROCESS PLANTS AND REMOVE COMPONENTS THEREFROM
(51) Int. Cl.
A01D 46/02 (2006.01)
A01D 45/00 (2018.01)
A01D 63/02 (2006.01)
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(72) GROENEVELD, Robert; MERRITT, Paul
(74) Davies Collison Cave Pty Ltd

(71) SAIL BIOMEDICINES, INC.
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C07D 207/416 (2006.01)
A61K 9/127 (2006.01)
A61K 47/18 (2017.01)
C07C 229/12 (2006.01)
C07D 295/067 (2006.01)
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(74) Spruson & Ferguson

(71) SAMYANG HOLDINGS CORPORATION
(11) AU-A-2023338088
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(54) KIT FOR MANUFACTURE OF DRUG-CONTAINING NANOPARTICLES AND NANOPARTICLE COMPOSITION FOR DRUG DELIVERY
(51) Int. Cl.
A61K 9/51 (2006.01)
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(72) KIM, Go Eun; KYUNG, Kyu Jin; KIM, So Young; NAM, Joung Pyo; LEE, So Jin; PARK, Jong Min; SEO, Won Il
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(11) AU-A-2023366196
(21) 2023366196 (22) 23.10.2023
(54) MINING TRAILER, MINING VEHICLE AND METHOD
(51) Int. Cl.
B60D 1/145 (2006.01)
B60D 1/24 (2006.01)
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(31) 22315245.5 (32) 25.10.22 (33) EP
(43) 02.05.2024
(72) BARRAUD, Remy; DEMIA, Laurent
(74) PHILLIPS ORMONDE FITZPATRICK

(71) SANDVIK MINING AND CONSTRUCTION OY
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(54) CONTROLLING A MOBILE MINING VEHICLE
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G05D 1/00 (2024.01)
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(72) LIIKANEN, Henri; PUURA, Jussi; KUIVANEN, Ilkka; AHA, Liisa
(74) PHILLIPS ORMONDE FITZPATRICK

(71) SANOFI PASTEUR INC.
(11) AU-A-2023316794
(21) 2023316794 (22) 28.07.2023
(54) METHODS FOR ETHANOL-FREE MRNA PURIFICATION
(51) Int. Cl.
A61K 31/7088 (2006.01)
C12N 15/10 (2006.01)
C12P 19/34 (2006.01)
(87) WO2024/023335
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(72) CALVOSA, Eric; CHAUDET, Nicolas; LECLERCQ, Arthur; LEPETITCOLIN, Alban
(74) Griffith Hack

(71) SCHOTT AG; SCHOTT PRIMOCCELER OY
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(54) LASER WELDED ENCLOSURE FOR ELECTRONICS, CIRCUITRY OR SENSORS
(51) Int. Cl.
A61B 5/00 (2006.01)
A61F 2/01 (2006.01)
B01D 61/18 (2006.01)
B01D 63/00 (2006.01)
B01D 63/08 (2006.01)

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H01L 21/50 (2006.01)
H01L 23/10 (2006.01)
A61B 5/0215 (2006.01)
A61B 5/145 (2006.01)
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G01N 27/327 (2006.01)
G01N 33/487 (2006.01)
(87) WO2024/068858
(31) 22198679.7 **(32)** 29.09.22 **(33)** EP
(43) 04.04.2024
(72) THOMAS, Jens Ulrich; MÄÄTTÄNEN, Antti; OTT, Christian
(74) FB Rice Pty Ltd

(71) SEKISUI CHEMICAL CO., LTD.
(11) AU-A-2023341758
(21) 2023341758 **(22)** 13.09.2023
(54) PRODUCTION METHOD FOR INDUCED PLURIPOTENT STEM CELLS
(51) Int. Cl.
C12N 5/10 (2006.01)
C07K 5/083 (2006.01)
C07K 5/087 (2006.01)
C07K 5/09 (2006.01)
C07K 5/097 (2006.01)
C07K 7/06 (2006.01)
C07K 7/64 (2006.01)
C12M 1/00 (2006.01)
C12N 1/00 (2006.01)
C12N 15/12 (2006.01)
C12N 15/86 (2006.01)
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(21) 2023425793 **(22)** 21.08.2023
(54) ANCHOR SUPPORT AND ANCHOR INSTALLATION METHOD.
(51) Int. Cl.
E04G 17/00 (2006.01)
E02D 27/00 (2006.01)
E04G 13/00 (2006.01)
(43) 13.03.2025
(72) NAKAMURA Gaku; KANEYASU Kentarou; SETO Masatoshi; MATSUBARA Yoshiyuki; SHIMIZU Kousuke; OKAMOTO Sachi; SUZUKI Hideki
(74) DAVIS IP PTY LTD

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(21) 2023428625 **(22)** 21.08.2023
(54) ANCHOR SUPPORT AND ANCHOR INSTALLATION METHOD
(51) Int. Cl.
E02D 27/02 (2006.01)
E04B 1/41 (2006.01)
E04G 17/06 (2006.01)
(43) 13.03.2025
(72) KANEYASU Kentarou; MATSUBARA Yoshiyuki; TAKAGI Takeshi; ICHIKAWA

Kazuki; OSADA Toshiyuki; ICHIKAWA Yukiko; OKAMOTO Sachi
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(71) SENTI BIOSCIENCES, INC.
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(21) 2023314498 **(22)** 07.07.2023
(54) INHIBITORY CHIMERIC RECEPTOR ARCHITECTURES
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/12 (2015.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
C12N 15/62 (2006.01)
C12N 15/85 (2006.01)
C07K 16/28 (2006.01)
C12N 5/10 (2006.01)
(87) WO2024/026199
(31) 63/369,480 **(32)** 26.07.22 **(33)** US
(43) 01.02.2024
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(74) FB Rice Pty Ltd

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(54) RNA ENCODING VIRUS-LIKE PARTICLES AND USES THEREOF
(51) Int. Cl.
A61K 39/145 (2006.01)
A61P 31/16 (2006.01)
C07K 14/11 (2006.01)
C12N 15/85 (2006.01)
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(71) SEQIRUS INC.
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(54) MODIFIED INFLUENZA VIRUSES
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A61K 31/7088 (2006.01)
A61K 39/145 (2006.01)
A61P 31/14 (2006.01)
C07K 14/11 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)

A61K 47/42 (2017.01)
C12Q 1/68 (2018.01)
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(51) Int. Cl.
A61B 3/14 (2006.01)
A61B 3/00 (2006.01)
A61B 3/10 (2006.01)
A61B 3/113 (2006.01)
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(74) LAMINAR IP PTY LTD

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(21) 2024266787 **(22)** 23.02.2024
(54) PROSTHETIC VALVE DEVICE WITH A SEGMENTED TAPERED STRUCTURE
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A61F 2/24 (2006.01)
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(74) Peng Zhang

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(54) TRKA (G667C) AND FLT3 TARGET INHIBITOR AND COMBINATION OF SAME WITH CHIDAMIDE
(51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/4406 (2006.01)
A61K 31/4439 (2006.01)
A61P 35/00 (2006.01)
G01N 30/02 (2006.01)
G01N 30/06 (2006.01)
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G06F 16/2458 (2019.01)
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(21) 2023327982 (22) 23.08.2023
(54) HETEROBICYCLIC COMPOUNDS AS EP4 RECEPTOR ANTAGONISTS
(51) Int. Cl.
C07D 495/04 (2006.01)
A61K 31/407 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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(54) QUANTITATIVE METHOD OF DETERMINING A MENTAL STATUS BASED ON DRD1 AND/OR DRD5, AND ITS APPLICATION THEREOF
(51) Int. Cl.
C12Q 1/6883 (2018.01)
A61P 25/18 (2006.01)
C07K 14/705 (2006.01)
C12Q 1/6869 (2018.01)
A61K 31/519 (2006.01)
G16B 20/20 (2019.01)
G16B 30/10 (2019.01)
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(74) Patent Attorney Services
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B05D 3/06 (2006.01)
B05D 3/00 (2006.01)
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C25B 1/00 (2021.01)
H02J 1/10 (2006.01)
H02J 7/00 (2006.01)
H02J 7/34 (2006.01)
H02J 15/00 (2006.01)
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C08G 18/79 (2006.01)
C08K 3/04 (2006.01)
C09D 175/04 (2006.01)
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(54) SYSTEM FOR CENTERING RODS IN GLUED-IN-ROD STRUCTURES
(51) Int. Cl.
F16B 13/14 (2006.01)
(87) WO2024/044614
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(43) 29.02.2024
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(54) FUNCTIONALIZED CROWN ETHERS FOR LITHIUM-ION BATTERIES
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H01M 10/056 (2010.01)
H01M 10/0525 (2010.01)
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(21) 2022472561 (22) 30.09.2022
(54) LIGHTING CONTROL METHOD, CONTROL SYSTEM AND STORAGE MEDIUM
(51) Int. Cl.
G05B 15/02 (2006.01)
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(43) 08.02.2024
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(74) Remarkable IP
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(54) SUTURE/ANCHOR AND DELIVERY DEVICE COMBINATION
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/04 (2006.01)
A61B 90/00 (2016.01)
(87) WO2024/072679
(31) 63/409,965 (32) 26.09.22 (33) US
(43) 04.04.2024
(72) HOUSMAN, Mark Edwin
(74) Patent Attorney Services
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(21) 2023355743 (22) 03.10.2023
(54) BEVERAGE OR FOODSTUFF PREPARATION SYSTEM
(51) Int. Cl.
B65D 85/804 (2006.01)
(87) WO2024/074505
(31) 22199334.8 (32) 03.10.22 (33) EP
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(72) NOTH, André; GERBAULET, Arnaud; MAGRI, Carlo; CROISIER, Emmanuel; DONIER, Cécile; MANTINHA GOMES, Ricardo; BALASI, Szabolcs; FEO, Matteo Yann; GUILLAUD-BATAILLE, Jean-Christophe
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(21) 2023355745 (22) 03.10.2023
(54) BEVERAGE OR FOODSTUFF PREPARATION SYSTEM
(51) Int. Cl.
B65D 85/804 (2006.01)
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MAGRI, Carlo; CROISIER, Emmanuel;
DONIER, Cécile; MANTINHA GOMES,
Ricardo; BALASI, Szabolcs; FEO, Mat-
teo Yann; GUILLAUD-BATAILLE, Jean-
Christophe
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S.A.
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(54) BEVERAGE PREPARATION MACHINE
(51) Int. Cl.
A47J 31/36 (2006.01)
A47J 31/46 (2006.01)
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andre; PAILLARD, Olivier; ZÜRCHER,
Reto Markus; STAUB, Andreas;
STRAUMANN, Andreas
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S.A.
(11) AU-A-2023359385
(21) 2023359385 (22) 09.10.2023
(54) BEVERAGE POD SYSTEM
(51) Int. Cl.
A47J 31/36 (2006.01)
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VUAGNIAUX, Didier
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SA
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(21) 2023357845 (22) 18.09.2023
(54) PALATABILITY ENHANCEMENT OF
DRY PET FOODS BY FAT MODIFICA-
TION
(51) Int. Cl.
A23K 10/20 (2016.01)
A23K 20/147 (2016.01)
A23K 40/25 (2016.01)
A23K 40/30 (2016.01)
A23K 50/42 (2016.01)
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David; DIAMANTI, Elena
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- (54) APPARATUS AND METHOD FOR IN-
TEGRATING A PLURALITY OF FUEL
CELL MODULES
(51) Int. Cl.
H01M 8/249 (2016.01)
(87) WO2024/062397
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(43) 28.03.2024
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CESCHINI, Sergio
(74) Madderns Pty Ltd
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(21) 2023363179 (22) 02.10.2023
(54) INFORMATION PROCESSING
DEVICE AND METHOD
(51) Int. Cl.
G06T 9/00 (2006.01)
G06T 17/20 (2006.01)
H04N 19/597 (2014.01)
H04N 19/85 (2014.01)
(87) WO2024/084931
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Tsuyoshi
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LIMITED
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(54) COMBINATION THERAPY COMPRIS-
ING A COMPOSITION OF MESEN-
CHYMAL STROMAL CELLS AND HY-
ALURONIC ACID FOR USE IN TREAT-
MENT OF OSTEOARTHRITIS
(51) Int. Cl.
A61K 35/28 (2015.01)
A61K 31/728 (2006.01)
A61P 19/02 (2006.01)
(87) WO2024/121614
(31) 202241070687 (32) 07.12.22 (33) IN
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DKAR, Udaykumar; PARASHURAM,
Shivashankar; KANNAN SUBRAMANI-
AN SHANMUGAM, Suresh
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- (71) STROKE THERAPEUTICS, INC.
(11) AU-A-2023314419
(21) 2023314419 (22) 28.07.2023
(54) COMPOUNDS FOR TREATMENT OF
CONDITIONS AND DISEASES
(51) Int. Cl.
C07H 21/02 (2006.01)
A61K 31/7088 (2006.01)
A61P 25/08 (2006.01)
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TICHO, Baruch; LIAU, Gene
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- (71) STREAMGO WATER SOLUTIONS,
INC.
(11) AU-A-2023331457
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(54) IMPROVED METHOD AND SYSTEM
FOR TREATMENT OF PFAS CON-
TAMINATED WASTEWATER AND
OTHER CONTAMINANTS UTILIZING
NANO-AERATION FOAM FRACTION-
ATION
(51) Int. Cl.
C02F 1/24 (2023.01)
A62D 3/30 (2007.01)
C02F 1/44 (2023.01)
C02F 1/74 (2023.01)
C02F 1/78 (2023.01)
(87) WO2024/044860
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63/430,474 06.12.22 US
(43) 07.03.2024
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Richard; BARRETT, Daniel
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(21) 2023325118 (22) 02.06.2023
(54) TAPE COMPRISING SUPERCON-
DUCTING ELEMENTS DISTRIBUTED
LONGITUDINALLY
(51) Int. Cl.
H01B 12/06 (2006.01)
H01F 6/06 (2006.01)
H10N 60/01 (2023.01)
H10N 60/84 (2023.01)
H10N 69/00 (2023.01)
(87) WO2024/037749
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Mette Bybjerg; KUHN, Luise Theil; AB-
RAHAMSEN, Asger Bech
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- (71) SUMITOMO ELECTRIC TOYAMA CO.,
LTD.; SUMITOMO ELECTRIC INDUS-
TRIES, LTD.
(11) AU-A-2024287263
(21) 2024287263 (22) 27.06.2024
(54) Mesh, water electrolysis apparatus, and
fuel cell
(51) Int. Cl.
H01M 8/026 (2016.01)
C25B 1/02 (2006.01)
C25B 9/65 (2021.01)
H01M 8/0232 (2016.01)
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(43) 13.03.2025
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Hitoshi; OKUNO, Kazuki; NUMATA,
Koma; MIYAMOTO, Kazunari
(74) Spruson & Ferguson
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LTD.
(11) AU-A-2023381943
(21) 2023381943 (22) 24.04.2023
(54) FAN SYSTEM, INVERTER, AND CON-
TROL METHOD

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F04D 25/08 (2006.01)
F04D 27/00 (2006.01)
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ZHANG, Bing
(74) Davies Collison Cave Pty Ltd
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- (71) SURENUT PTY LTD
(11) AU-A-2023327784
(21) 2023327784 (22) 23.08.2023
(54) IMPROVED METHOD FOR CLASSIFICATION OF AN EDIBLE SEED AND A SCANNING DEVICE THEREFOR
(51) Int. Cl.
B07C 5/342 (2006.01)
A23L 5/30 (2016.01)
A23L 25/00 (2016.01)
G01N 21/47 (2006.01)
G01N 33/00 (2006.01)
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(31) 20222902420 (32) 24.08.22 (33) AU
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MISHRA, Gayatri
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(21) 2022472898 (22) 02.08.2022
(54) CARBONATE ESTER-CONTAINING EPOXY RESIN, PREPARATION METHOD THEREFOR, EPOXY CURED PRODUCT PREPARED THEREFROM, AND METHOD FOR DEGRADING EPOXY CURED PRODUCT
(51) Int. Cl.
C08L 69/00 (2006.01)
C08J 11/28 (2006.01)
C08L 63/00 (2006.01)
- (87) WO2024/026679
(43) 08.02.2024
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CHEN, Yi-chun; WANG, Meng-wei;
CHEN, Wen-chang
(74) WRAYS PTY LTD
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(11) AU-A-2022476501
(21) 2022476501 (22) 31.08.2022
(54) PHARMACEUTICAL COMPOSITION FOR TREATING LYMPHOMA
(51) Int. Cl.
A61K 31/675 (2006.01)
A61K 45/00 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
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HAZAMA, Masatoshi; FUKUSHIMA, Koji
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(21) 2023317872 (22) 04.08.2023
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C07D 457/06 (2006.01)
A61K 31/48 (2006.01)
A61P 25/06 (2006.01)
A61P 25/22 (2006.01)
A61P 27/06 (2006.01)
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A01N 37/36 (2006.01)
A01N 41/10 (2006.01)
A01N 43/08 (2006.01)
A01N 43/40 (2006.01)
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A01N 43/653 (2006.01)
A01N 43/66 (2006.01)
A01N 43/82 (2006.01)
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A61K 31/7115 (2006.01)
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A61K 31/519 (2006.01)
A61K 31/57 (2006.01)
A61K 38/13 (2006.01)
A61K 47/60 (2017.01)
A61P 13/10 (2006.01)
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C01F 11/18 (2006.01)
B01D 53/14 (2006.01)
B09B 3/00 (2022.01)
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B09B 101/30 (2022.01)
B09B 101/45 (2022.01)
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B32B 1/08 (2006.01)
B32B 5/02 (2006.01)
B32B 5/12 (2006.01)
B32B 5/26 (2006.01)
B32B 15/08 (2006.01)
B32B 15/092 (2006.01)
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A61B 17/70 (2006.01)
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A61B 17/86 (2006.01)
A61F 2/32 (2006.01)
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A01G 25/16 (2006.01)
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B65D 85/72 (2006.01)
D21H 19/74 (2006.01)
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H01J 37/32 (2006.01)
H05H 1/46 (2006.01)
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F27D 17/00 (2006.01)
F27D 19/00 (2006.01)
F27D 99/00 (2010.01)
H05H 1/28 (2006.01)
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A61K 35/12 (2015.01)
A61K 35/33 (2015.01)
A61P 25/00 (2006.01)

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C12N 5/07 (2010.01)
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C12N 11/02 (2006.01)
C04B 20/10 (2006.01)
C04B 24/00 (2006.01)
C04B 28/02 (2006.01)
C04B 40/00 (2006.01)
C09K 8/467 (2006.01)
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C12N 1/14 (2006.01)
C12M 1/16 (2006.01)
C12N 3/00 (2006.01)
C12P 1/02 (2006.01)
C12R 1/645 (2006.01)
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C12N 1/14 (2006.01)
C07K 1/14 (2006.01)
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C01G 25/04 (2006.01)
A61K 33/24 (2019.01)
A61K 51/08 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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C07K 14/49 (2006.01)
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A61P 9/00 (2006.01)
C07K 7/06 (2006.01)
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C02F 1/04 (2023.01)
C02F 1/42 (2023.01)
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C02F 9/00 (2023.01)
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A61K 31/428 (2006.01)
A61P 11/00 (2006.01)
A61P 11/06 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
A61P 19/10 (2006.01)
A61P 31/00 (2006.01)
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C25B 9/19 (2021.01)
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C25B 9/19 (2021.01)
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F28F 1/40 (2006.01)
F02M 26/29 (2016.01)
F28D 1/053 (2006.01)
F28F 1/02 (2006.01)
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B60G 9/00 (2006.01)
B60B 35/12 (2006.01)
B60G 7/00 (2006.01)
B60G 7/02 (2006.01)
B62D 59/00 (2006.01)
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B60G 9/02 (2006.01)
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(51) Int. Cl.
B60G 9/00 (2006.01)
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B60G 7/00 (2006.01)
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C07K 14/705 (2006.01)
A61K 35/768 (2015.01)
A61K 39/12 (2006.01)
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B60L 5/00 (2006.01)
B60L 5/26 (2006.01)
B60L 7/10 (2006.01)
B60L 15/20 (2006.01)
B60L 50/10 (2019.01)
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A61K 8/34 (2006.01)
A61K 8/73 (2006.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
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A61Q 19/08 (2006.01)
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C07D 209/16 (2006.01)
A61K 31/4045 (2006.01)
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2022457070	DEAL S.R.L.	2023314660	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2022470861	SHENZHEN FUTU NETWORK TECHNOLOGY CO., LTD.	2023314773	PENTAIR, INC.
2022471272	PAN, T.	2023314822	INTREFT PTY LTD
2022472501	AIR PRODUCTS AND CHEMICALS, INC.	2023314838	ROBERT BOSCH GMBH
2022472561	SMART LIGHTING HOLDING LIMITED	2023314958	SYNGENTA CROP PROTECTION AG
2022472898	SWANCOR INNOVATION & INCUBATION CO., LTD.	2023315034	IMPERIAL COLLEGE INNOVATIONS LIMITED
2022473528	BGI SHENZHEN	2023315133	CAELI ENERGIE
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2022476511	HONDA MOTOR CO.,LTD.	2023316187	H2 GLOBAL GROUP S.R.O.
2022476639	LABORATORIO DIGITAL HIGH TEETH, S.L.	2023316638	JOHN BEAN TECHNOLOGIES CORPORATION
2022476748	VOLVO AUTONOMOUS SOLUTIONS AB	2023316650	LIGHTHOUSE WORLDWIDE SOLUTIONS, INC.
2022477319	METSO METALS OY	2023316776	BIOCELL INNOVATIONS PTE. LTD.
2022477320	METSO METALS OY	2023316786	ARTORANGE LTD.
2022478653	TECHTRONIC CORDLESS GP	2023316793	NODUS ONCOLOGY LIMITED
2022479321	A. RAYMOND ET CIE	2023316794	SANOFI PASTEUR INC.
2022479603	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2023316828	BINDING SOLUTIONS LTD
2022481788	HALLIBURTON ENERGY SERVICES, INC.	2023317322	TAGCYX BIOTECHNOLOGIES INC.
2022481796	HALLIBURTON ENERGY SERVICES, INC.	2023317484	PINETREE THERAPEUTICS, INC.
2022482897	HALLIBURTON ENERGY SERVICES, INC.	2023317511	IMPERATIVE CARE, INC.
2022483858	HERA BIOTECH, INC.; UNIVERSITÄT BERN	2023317514	IMPERATIVE CARE, INC.
2022484240	I.T.S. GMBH	2023317548	IMPERATIVE CARE, INC.
2022486147	NGK INSULATORS, LTD.	2023317650	MERCK PATENT GMBH
2022488470	STEMPEUTICS RESEARCH PRIVATE LIMITED	2023317740	LIMINAL BIOSCIENCES LIMITED
2022492027	LIN, H.	2023317741	LIMINAL BIOSCIENCES LIMITED
2023258446	Guangzhou Joyson Cleaning Products Co., Ltd.	2023317785	SICPA HOLDING SA
2023303008	HOLOGIC, INC.	2023317842	NUNTIUS THERAPEUTICS LIMITED
2023309339	MUOVERTI LIMITED	2023317872	SYNEX HOLDINGS BV
2023311016	RAVEN INDUSTRIES, INC.	2023318867	AGC GLASS EUROPE
2023311901	HERDX, INC.	2023319047	RUSSWURM, H.G.; HUSZ, G.B.
2023312049	NOYA, INC.	2023319107	TECHNION RESEARCH & DEVELOPMENT FOUNDATION LIMITED; LAVA ENERGY LTD
2023312397	ZYMEWORKS BC INC.	2023319127	XOOO MECHATRONICS GMBH
2023312568	LG CHEM, LTD.	2023319130	GRIFFITH UNIVERSITY
2023312625	PHARMA CINQ, LLC	2023319137	PIACUN, M.
2023312704	AXON ENTERPRISE, INC.	2023319152	CARBALLADA, M.E.
2023312705	ORBAN, J.S.; SIMAN, A.E.	2023319212	HUNG, M.
2023312737	BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY; UNIVERSITY OF MARYLAND, BALTIMORE	2023319281	MINDSET PHARMA INC.
2023312773	RPXDS CO., LTD	2023319881	BEIJING DCTY BIOTECH CO., LTD.
2023312894	SIONIC ENERGY, INC.	2023320254	METRO MARINE LLC
2023312930	ROBERT BOSCH GMBH	2023320356	AXON ENTERPRISE, INC.
2023312968	ARIALYS THERAPEUTICS, INC.	2023320363	BIOVERATIV THERAPEUTICS INC.
2023313033	ABLYNX NV; SANOFI	2023320506	SHI, X.
2023313113	TRUETIVA INC.; KENNEDY, J.P.	2023320561	THE TEXAS A&M UNIVERSITY SYSTEM
2023313623	NIANTIC, INC.	2023320911	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.
2023313624	RAFA LABORATORIES LTD.	2023321447	QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.
2023313641	AIMED BIO INC.	2023321618	CORBIN CLINICAL RESOURCES LLC
2023314150	ACUITY INSIGHTS INC.	2023321675	R.P. SCHERER TECHNOLOGIES, LLC
2023314206	O'ROURKE, H.	2023322206	THERMAL PROCESSING SOLUTIONS GMBH
2023314375	MEDIMMUNE, LLC	2023322208	THERMAL PROCESSING SOLUTIONS GMBH
2023314419	STOKE THERAPEUTICS, INC.	2023322212	FAMETEC GMBH
2023314421	ADICET THERAPEUTICS, INC.	2023322235	DE MOTU CORDIS PTY LTD
2023314456	REVIV GLOBAL LTD	2023322674	ASSA ABLOY AB
2023314478	PIRANI, S.; THOMPSON, B.	2023323287	SEQIRUS INC.
2023314498	SENTI BIOSCIENCES, INC.	2023323406	LA MARZOCCO S.R.L.
2023314597	KNAUF GIPS KG	2023324200	HELAINA INC.
		2023324707	PHOSPHOLUTIONS INC.
		2023324822	THE UNIVERSITY OF AKRON
		2023324844	THE UNIVERSITY OF AKRON
		2023324855	THE UNIVERSITY OF AKRON

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2023324893	MIRATI THERAPEUTICS, INC.	2023332056	RELAXERA PHARMAZEUTISCHE GESELLSCHAFT MBH & CO. KG
2023325118	SUBRA A/S	2023332063	MITSUBISHI HEAVY INDUSTRIES, LTD.
2023325256	AFFINIA THERAPEUTICS INC.	2023332210	BARLAA B.V.
2023325347	OWENS CORNING INTELLECTUAL CAPITAL, LLC	2023332226	DONUT SAFETY SYSTEMS LIMITED
2023325524	W. L. GORE & ASSOCIATES, INC.	2023332282	SHENZHEN CHIPSCREEN BIOSCIENCES CO., LTD.
2023325889	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.	2023332376	BAE SYSTEMS PLC
2023325922	ELC MANAGEMENT LLC	2023332394	VERSO BIOSENSE LIMITED
2023326039	PLOTLOGIC PTY LTD	2023332410	CELLULAR ORIGINS LIMITED
2023326224	SEQRUS INC.	2023332411	CELLULAR ORIGINS LIMITED
2023326264	ENATEL	2023332413	CELLULAR ORIGINS LIMITED
2023326268	LYOTROPIC DELIVERY SYSTEMS LTD.	2023332529	COSTRUZIONI E SERVIZI S.R.L.S.
2023326386	PPC BROADBAND, INC.	2023332532	MAHINDRA AND MAHINDRA LIMITED
2023326628	JOINT STOCK COMPANY "BIOCAD"	2023332667	ASSEMBLY BIOSCIENCES, INC.
2023326683	HUAWEI TECHNOLOGIES CO., LTD.	2023332718	ECO STOR GMBH
2023326730	TRANSGENE	2023332719	ECO STOR GMBH
2023326736	BIOMAX HOLDINGS PTE LTD	2023332727	VOESTALPINE TURNOUT TECHNOLOGY ZELTWEG GMBH; VOESTALPINE RAILWAY SYSTEMS GMBH
2023326746	RAZER (ASIA-PACIFIC) PTE. LTD.	2023332966	UNITED BIOPHARMA, INC.
2023327775	DELAHUNTY, B.	2023333002	HUNTER DOUGLAS INC.
2023327780	ATMO BIOSCIENCES LIMITED	2023333041	BLUE LOGIC AS
2023327783	ATMO BIOSCIENCES LIMITED	2023333057	IONIC MINERAL TECHNOLOGIES, LLC
2023327784	SURENUT PTY LTD	2023333179	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
2023327787	ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY	2023333181	AURON THERAPEUTICS, INC.
2023327791	DOCKER PROTECTIVE PRODUCTS PTY LIMITED	2023333191	S.S. STEINER, INC.
2023327793	AQUIRIAN TECHNOLOGY PTY LTD	2023333210	LINDE GMBH
2023327799	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2023333211	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023327929	LIGHTCAST DISCOVERY LTD	2023333216	LIFESCIENCEPLUS, INC.
2023327935	ASPCOLD LIMITED	2023333275	KPR U.S., LLC
2023327982	SHENZHEN IONOVA LIFE SCIENCE CO., LTD.; FOSHAN IONOVA BIOTHERAPEUTICS CO., INC.; GUANGDONG TOUCHSTONE TRANSLATIONAL RESEARCH INSTITUTE CO., LTD.	2023333276	ARZEDA CORP.
2023328481	YUNNAN DAORAN SCIENCE AND TECHNOLOGY LTD.	2023333281	CYTOKINETICS, INCORPORATED
2023328496	RENOGY NEW ENERGY CO., LTD.	2023333285	COMMSCOPE TECHNOLOGIES LLC
2023328603	HALEON UK IP LIMITED	2023333297	CALIFORNIA INSTITUTE OF TECHNOLOGY
2023328695	BAYER AKTIENGESSELLSCHAFT	2023333304	BIOJIVA LLC
2023328696	BAYER AKTIENGESSELLSCHAFT	2023333334	JANUS INTERNATIONAL GROUP, LLC
2023328797	HAWIG MASCHINENFABRIK GMBH	2023333356	GPI FRANKFURT & AUGSBURG GMBH
2023328863	DSM IP ASSETS B.V.	2023333543	RS ONCOLOGY, LLC
2023328970	HAWIG MASCHINENFABRIK GMBH	2023333564	VIEWPOINT MOLECULAR TARGETING, INC.
2023329079	TDC INTERNATIONAL AG	2023333609	ENEOS CORPORATION; KYOTO UNIVERSITY
2023329086	APOTECHNOS LIMITED	2023333634	TRANSPORTATION IP HOLDINGS, LLC
2023329092	EJOT SE & CO. KG	2023333648	VADIPOUR, M.
2023329093	EJOT SE & CO. KG	2023333768	PERMCO, INC.
2023329179	CHR. HANSEN A/S	2023334093	JFE ENGINEERING CORPORATION; NATIONAL UNIVERSITY CORPORATION UNIVERSITY OF TOYAMA
2023329334	PROXAMAMA LLC	2023334140	EVOLUS, INC.
2023329399	HOTSPOT THERAPEUTICS, INC.	2023334145	ELIOS VISION, INC.
2023329812	INVENTWOOD INC.	2023334178	TYRA BIOSCIENCES, INC.
2023329836	ABBOTT LABORATORIES	2023334290	POWER MANAGEMENT HOLDINGS (U.S.), INC.
2023329838	DEINDE MEDICAL CORP.	2023334312	NGK INSULATORS, LTD.
2023329855	FISKARS BRANDS, INC.	2023334313	NGK INSULATORS, LTD.
2023329913	MAKO SURGICAL CORP.	2023334314	NGK INSULATORS, LTD.
2023329945	PARAGONIX TECHNOLOGIES, INC.	2023334358	ZOETIS SERVICES LLC
2023329961	ONESUBSEA IP UK LIMITED	2023334359	DEERE & COMPANY
2023330111	ABDERA THERAPEUTICS INC.	2023334485	GBIOLOGICS INC.
2023330112	ABDERA THERAPEUTICS INC.	2023334597	BIOFACTURA, INC.
2023330154	MINERALYS THERAPEUTICS, INC.	2023334607	ABBVIE INC.; ABBVIE DEUTSCHLAND GMBH & CO. KG
2023330174	SIMPSON STRONG-TIE COMPANY INC.	2023334610	SAIL BIOMEDICINES, INC.
2023330293	IHI CORPORATION	2023334709	CHUGAI SEIYAKU KABUSHIKI KAISHA
2023330372	AIZEN GLOBAL CO., INC.	2023334727	KELLANOVA
2023330625	AXON ENTERPRISE, INC.	2023334810	NGK INSULATORS, LTD.
2023331038	OTSUKA PHARMACEUTICAL FACTORY, INC.	2023334811	NGK INSULATORS, LTD.
2023331083	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	2023334853	BURLINGTON INDUSTRIES LLC
2023331216	FUJIFILM CORPORATION; OSAKA UNIVERSITY	2023334958	GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD.
2023331228	ALMA THERAPEUTICS LTD	2023335012	NGK INSULATORS, LTD.
2023331457	STREAMGO WATER SOLUTIONS, INC.	2023335178	TSUBOTA LABORATORY, INC.
2023331663	INVENTIO AG	2023335197	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.
2023331902	SANDVIK MINING AND CONSTRUCTION OY	2023335267	FUJIFILM CORPORATION
2023331943	HEINEKEN SUPPLY CHAIN B.V.	2023335899	CALARIS TECHNOLOGIES, INC.

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2023336052	TENON MEDICAL, INC.	2023343771	M & B PRODUCT INNOVATION PTY LTD
2023336062	MERCK SHARP & DOHME LLC	2023343775	BESPOKE MEDICAL INNOVATIONS PTY LTD
2023336138	AKERSHUS UNIVERSITETSSYKEHUS HF	2023343780	MOHIDEEN, F.A.
2023336295	ITSUBISHI HEAVY INDUSTRIES, LTD.	2023343825	SHANGHAI ARGO BIOPHARMACEUTICAL CO., LTD.
2023336525	TRAILER DYNAMICS GMBH	2023344057	NANJING CHERVON INDUSTRY CO., LTD.
2023336527	TRAILER DYNAMICS GMBH	2023344281	ONKURE, INC.
2023336528	TRAILER DYNAMICS GMBH; NOWAK, D.	2023344642	GREEN CROSS CORPORATION; NOVEL PHARMA INC.
2023336563	PREDISURGE	2023345676	MYCROBEZ AG
2023336580	CATALYM GMBH	2023345770	AQUAFIL S.P.A.
2023336713	ARQIT LIMITED	2023345791	HERRENKNECHT AKTIENGESSELLSCHAFT
2023336732	JEMELLA LIMITED	2023345797	UNILEVER GLOBAL IP LIMITED
2023336963	O.M.E.R. S.P.A.	2023346039	INVENTIO AG
2023337007	INTAS PHARMACEUTICALS LTD.	2023346329	KRONOS INTERNATIONAL, INC.
2023337207	UNIVERSITY PUBLIC CORPORATION OSAKA; IIDA SANGYO CO., LTD.	2023346374	SOLYDERA S.P.A.
2023337220	THE UNIVERSITY OF SYDNEY; WESTMEAD INSTITUTE OF MEDICAL RESEARCH; WESTERN SYDNEY LOCAL HEALTH DISTRICT; VICTOR CHANG CARDIAC RESEARCH INSTITUTE	2023346793	THORNE LIMITED
2023337288	GMAX BIOPHARM LLC	2023347060	ETEX SERVICES NV
2023337290	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.	2023347081	THE UNIVERSITY OF MELBOURNE; PETER MACCALLUM CANCER INSTITUTE
2023337386	UTOPIA MUSIC AG	2023347288	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
2023337481	KATMA ENGINEERING GMBH	2023347307	EISAI R&D MANAGEMENT CO., LTD.; WASHINGTON UNIVERSITY
2023337524	F. HOFFMANN-LA ROCHE AG	2023347642	RAYTHEON COMPANY
2023337899	PARAGONIX TECHNOLOGIES, INC.	2023348206	FERROSAN MEDICAL DEVICES A/S
2023338088	SAMYANG HOLDINGS CORPORATION	2023348207	SCHOTT AG; SCHOTT PRIMOCELER OY
2023338215	LIQUIDPISTON, INC.	2023349820	INVENTIO AG
2023338228	ACUITAS THERAPEUTICS, INC.	2023351002	BOSTON SCIENTIFIC SCIMED, INC.
2023338402	MDX MANAGEMENT LLC	2023351010	BETTERFEDFOODS LLC
2023338460	LANDIS+GYR TECHNOLOGY, INC.	2023351041	ENCODED THERAPEUTICS, INC.
2023338497	COLGATE-PALMOLIVE COMPANY	2023351410	UPL MAURITIUS LIMITED; UPL EUROPE LTD.
2023338542	NOPALM INGREDIENTS B.V.	2023351419	IPSEN BIOPHARM LIMITED
2023338669	XWPHARMA LTD.	2023351431	WELL-SENSE TECHNOLOGY LIMITED
2023338683	AMGEN INC.	2023351577	NOKIA TECHNOLOGIES OY
2023338948	MANNKIND CORPORATION	2023351828	PFIZER INC.
2023338964	THE SALLIE ASTOR BURDINE BREAST FOUNDATION	2023351887	NIPPON STEEL CORPORATION
2023339701	CHAN, S.K.	2023351963	MEDACTA INTERNATIONAL SA
2023340120	MEDICUD S.R.L.	2023352243	JFE STEEL CORPORATION
2023340136	EUROTEKNIKA	2023352244	JFE STEEL CORPORATION
2023340289	JIANGSU YAHONG MEDITECH CO., LTD.; ASIERIS PHARMACEUTICALS (SHANGHAI) CO., LTD.	2023352247	JFE STEEL CORPORATION
2023340720	COLOPLAST A/S	2023352579	ELECTRASTEEL, INC.
2023340833	THEJO ENGINEERING LIMITED	2023352759	GENESYS CLOUD SERVICES, INC.
2023340945	AMGEN INC.	2023352919	ADORA ANIMAL HEALTH CORPORATION
2023341169	CEREVEL THERAPEUTICS, LLC	2023353099	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
2023341758	SEKISUI CHEMICAL CO., LTD.	2023353884	ITSUBISHI HEAVY INDUSTRIES, LTD.
2023342055	ABBOTT LABORATORIES	2023354012	REGENERON PHARMACEUTICALS, INC.
2023342086	VOYAGER THERAPEUTICS, INC.	2023354346	CYTIVA BIOPROCESS R&D AB
2023342330	LEON-NANODRUGS GMBH	2023354793	TOKYO RADIATOR MFG. CO., LTD.
2023342387	EDITAS MEDICINE, INC.	2023355743	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023342450	CDR-LIFE AG	2023355745	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023342546	LUNOS LÜFTUNGSTECHNIK GMBH & CO. KG FÜR RAUMLUFTSYSTEME	2023355747	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023342551	VMI HOLLAND B.V.	2023357038	FIBISHENKO, A.
2023342576	CORE QUANTUM TECHNOLOGIES, INC.	2023357240	JAPAN CASH MACHINE CO., LTD.
2023342616	INWATEC APS	2023357562	KIDSWELL BIO CORPORATION
2023342973	MEDICINES360	2023357743	HITACHI CONSTRUCTION MACHINERY CO., LTD.
2023343006	INDUSTRIES S.P.A.	2023357845	SOCIÉTÉ DES PRODUITS NESTLÉ SA
2023343133	LIVA POWER MANAGEMENT SYSTEMS GMBH	2023358845	UMICORE
2023343187	ELEMENT BIOSCIENCES, INC.	2023358856	QUANTUM MOTION TECHNOLOGIES LIMITED
2023343260	O.M.E.R. S.P.A.	2023358916	TERRARAD TECH AG
2023343416	TRYP THERAPEUTICS INC.	2023359385	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023343417	TRYP THERAPEUTICS, INC.	2023359403	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023343490	INARI MEDICAL, INC.	2023359586	NOKIA TECHNOLOGIES OY
2023343601	GENERAL DYNAMICS ORDNANCE AND TACTICAL SYSTEMS - CANADA, INC.	2023359840	ELECTROLUX APPLIANCES AKTIEBOLAG
2023343630	INVENTIO AG	2023359866	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2023343656	THYSSENKRUPP NUCERA AG & CO. KGAA	2023361030	UNIVERSITY OF SHEFFIELD
2023343657	THYSSENKRUPP NUCERA AG & CO. KGAA	2023362293	IFP ENERGIES NOUVELLES; JEPLAN, INC.
2023343729	AQUAERO GMBH	2023363179	SONY GROUP CORPORATION
		2023363792	MÖLNLYCKE HEALTH CARE AB
		2023364867	LAITRAM, L.L.C.
		2023365364	RECURSION PHARMACEUTICALS, INC.

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2023365480	FUJIFILM CELLULAR DYNAMICS, INC.; ASSISTANCE PUBLIQUE – HÔPITAUX DE PARIS	2024301849	THE WATER & CARBON GROUP PTY. LTD.
2023366181	GEVO, INC.	2024304250	LG ENERGY SOLUTION, LTD.
2023366196	SANDVIK MINING AND CONSTRUCTION LYON SAS	2024314169	BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.
2023367794	FISHER & PAYKEL HEALTHCARE LIMITED	2024324072	POSEIDON OCEAN SYSTEMS LTD.
2023367851	HITACHI, LTD.		
2023369990	HERMES PHARMA GMBH		
2023370163	CHINA COAL TECHNOLOGY & ENGINEERING GROUP SHANGHAI CO., LTD.		
2023370169	CHINA COAL TECHNOLOGY & ENGINEERING GROUP SHANGHAI CO., LTD.		
2023370240	BITDEFENDER IPR MANAGEMENT LTD		
2023374248	NAYAX LTD.		
2023374635	FRIESLANDCAMPINA NEDERLAND B.V.		
2023374636	FRIESLANDCAMPINA NEDERLAND B.V.		
2023374637	FRIESLANDCAMPINA NEDERLAND B.V.		
2023374783	SIKA TECHNOLOGY AG		
2023375350	AMGEN INC.		
2023376005	BOEHRINGER INGELHEIM INTERNATIONAL GMBH		
2023376006	BOEHRINGER INGELHEIM INTERNATIONAL GMBH		
2023380022	JOHNSON MATTHEY PUBLIC LIMITED COMPANY		
2023381943	SUNGROW POWER SUPPLY CO., LTD.		
2023383986	XI'AN XINTONG PHARMACEUTICAL RESEARCH CO., LTD.		
2023385772	ALCON INC.		
2023386323	CERTEST BIOTEC, S.L.		
2023388737	BEIJING NO.1 BIO-TECHNOLOGY DEVELOPMENT CO., LTD.		
2023407024	GOODMAN CO., LTD.		
2023413775	I2COOL SHENZHEN LIMITED		
2023421107	CELANESE XINGDA FILAMENTS CO., LTD; CELANESE (SHANGHAI) CHEMICAL TRADING CO., LTD.		
2023421224	VELVETCH LLC		
2023425467	DELTA ELECTRONICS, INC.		
2023425793	SEKISUI HOUSE, LTD.		
2023428625	SEKISUI HOUSE, LTD.		
2023435286	TRANSITIONS OPTICAL, LTD.		
2023449909	LG ELECTRONICS INC.		
2023457472	RACEHORSE INCORPORATED		
2024210324	WEISHANG (SHANGHAI) BIO-PHARMACEUTICAL CO., LTD.		
2024212933	TAIHEIYO CEMENT CORPORATION		
2024213148	KOREA ZINC CO.,LTD.; KEMCO		
2024213149	KOREA ZINC CO.,LTD.; KEMCO		
2024213150	KOREA ZINC CO.,LTD.; KEMCO		
2024213153	KOREA ZINC CO.,LTD.; KEMCO		
2024213154	KOREA ZINC CO.,LTD.; KEMCO		
2024216941	11POINT2 PTY LTD		
2024220219	BELGRAVIA WOOD LIMITED; RAMOS, J.		
2024221601	LAVA BLUE LTD		
2024242611	IGAS INC.		
2024253427	TTD GLOBAL PTY LTD		
2024256091	WINBO-DONGJIAN AUTOMOTIVE TECHNOLOGY CO., LTD.		
2024257164	YANTAI HENGCHI TRAILER CO., LTD.		
2024258261	UACJ CORPORATION		
2024258925	CHINA COAL TECHNOLOGY & ENGINEERING GROUP SHANGHAI CO., LTD.		
2024258998	CHINA COAL TECHNOLOGY & ENGINEERING GROUP SHANGHAI CO., LTD.		
2024259309	GENERAL TOOL, INC.		
2024266787	SHANGHAI QUANXIN MEDICAL TECHNOLOGY CO., LTD		
2024267778	BONDI PEAK PTY LTD		
2024278444	NEOCRETE LIMITED		
2024283633	GOOGLE LLC		
2024287117	AREPA IP LIMITED		
2024287263	SUMITOMO ELECTRIC TOYAMA CO., LTD.; SUMITOMO ELECTRIC INDUSTRIES, LTD.		
2024287299	MUSCO CORPORATION		
2024301848	COOPERVISION INTERNATIONAL LIMITED		

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<u>A01B 76 /-</u>	<u>A01N 37 /-</u>	<u>A23K 50 /-</u>	<u>A47J 31 /-</u>	<u>A61B 5 /-</u>	<u>A61K 31 /-</u>
2023358916	2023314958 2023328696	2023332210 2023357845 2023457472	2023355747 2023359385	2023327780 2023327783 2023329945 2023330154 2023343416 2023348207 2023367794	2022476501 2022488470 2023312625 2023312737 2023312773 2023313113 2023313624 2023314375 2023314419 2023316786 2023316793 2023316794 2023317322 2023317650 2023317740 2023317741 2023317872 2023319130 2023319212 2023319281 2023320506 2023321675 2023322235 2023324200 2023324893 2023325889 2023326224 2023327982 2023329399 2023330154 2023331216 2023332282 2023333181 2023333281 2023333304 2023334178 2023334607 2023334709 2023335178 2023336062 2023337007 2023338402 2023338669 2023338948 2023340289 2023341169 2023343416 2023343417 2023343825 2023344281 2023346793 2023347307 2023352919 2023365364 2023376005 2023376006 2023383986 2024210324 2024287117
<u>A01D 34 /-</u>	<u>A01N 39 /-</u>	<u>A23L 11 /-</u>	<u>A47J 37 /-</u>	<u>A61B 50 /-</u>	
2023334359	2023328696	2023374635	2023314822	2023340136	
<u>A01D 41 /-</u>	<u>A01N 41 /-</u>	<u>A23L 13 /-</u>	<u>A47J 42 /-</u>		
2023311016	2023314958 2023328696	2023334727	2022475631 2023323406		
<u>A01D 45 /-</u>	<u>A01N 43 /-</u>	<u>A23L 2 /-</u>	<u>A47K 7 /-</u>	<u>A61B 6 /-</u>	
2023333191 2023334359	2023314958 2023328695 2023328696 2023351410	2023331038	2023312705	2023303008	
<u>A01D 46 /-</u>	<u>A01N 47 /-</u>	<u>A23L 25 /-</u>	<u>A47L 11 /-</u>	<u>A61B 8 /-</u>	
2023333191		2023327784	2023314660 2023315478 2023328797 2023328970	2023321618 2023327783	
<u>A01D 63 /-</u>	2023314958 2023328695 2023328696	<u>A23L 27 /-</u>		<u>A61B 90 /-</u>	
2023333191		2023334727		2023321618 2023353099	
<u>A01D 87 /-</u>	<u>A01N 57 /-</u>	<u>A23L 33 /-</u>	<u>A47L 5 /-</u>		
2023334359	2023328696 2023351410	2023315855 2023324200 2023328863 2023331038 2023334485 2023338542 2023374635 2023374636 2023374637 2023388737	2023328797 2023328970	<u>A61C 15 /-</u> 2023421107	
<u>A01G 18 /-</u>	<u>A01P 13 /-</u>		<u>A47L 7 /-</u>	<u>A61C 8 /-</u>	
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<u>A01G 25 /-</u>		<u>A23L 5 /-</u>	<u>A61B 1 /-</u>	<u>A61C 9 /-</u>	
2023358916		2023327784	2023317511 2023339701	2022476639	
<u>A01K 1 /-</u>	<u>A23G 1 /-</u>	<u>A23L 7 /-</u>	<u>A61B 10 /-</u>	<u>A61F 13 /-</u>	
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<u>A01K 11 /-</u>	<u>A23G 3 /-</u>	<u>A41D 13 /-</u>	<u>A61B 17 /-</u>	<u>A61F 2 /-</u>	
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<u>A01K 27 /-</u>	<u>A23J 3 /-</u>	<u>A41D 31 /-</u>			
2024267778	2023334727 2023374635 2023374637	2023334853			
<u>A01K 29 /-</u>	<u>A23K 10 /-</u>	<u>A45D 1 /-</u>	<u>A61B 3 /-</u>	<u>A61F 6 /-</u>	
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<u>A01K 63 /-</u>	<u>A23K 20 /-</u>	<u>A45D 40 /-</u>	<u>A61B 34 /-</u>	<u>A61F 7 /-</u>	
2024324072	2023332210 2023351010 2023357845 2023457472	2023325922	2023317511 2023317514 2023329913 2023336563	2023337899	
<u>A01K 67 /-</u>	<u>A23K 40 /-</u>	<u>A46B 15 /-</u>		<u>A61F 9 /-</u>	<u>A61K 33 /-</u>
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<u>A01N 1 /-</u>				<u>A61J 11 /-</u>	
2023329945 2023337899				2023329334	
<u>A01N 33 /-</u>					
2023314958					

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<u>A61K 36 /-</u>	<u>A61K 47 /-</u>	<u>A61L 15 /-</u>	2023316187 2023317322 2023326628 2023332056 2023334485	2023312737 2023319130 2023323287 2023326224 2023326268 2023331216 2023332966 2023334597 2023346793 2023351828 2023376005 2023376006	<u>A61P 5 /-</u>	
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<u>A61K 38 /-</u>	<u>A61K 48 /-</u>	<u>A61L 17 /-</u>	2023313113 2023326268 2023334140 2023346793 2023352919		<u>A61P 7 /-</u>	
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<u>A61K 39 /-</u>	<u>A61K 49 /-</u>	<u>A61L 2 /-</u>	2023312705		<u>A61P 9 /-</u>	
2023312397 2023312568 2023312737 2023312968 2023313033 2023313641 2023314375 2023314618 2023317484 2023319881 2023323287 2023326224 2023326628 2023326730 2023330111 2023332966 2023334140 2023334358 2023334597 2023336580 2023337288 2023337290 2023338402 2023342450 2023347288 2023351828 2023354012	2023314618 2023325256 2023351041 2023361030 2023386323	<u>A61L 27 /-</u>	2022488470 2023313113 2023332056 2023346793	2022476501 2023312397 2023313641 2023314375 2023314498 2023314618 2023317484 2023317650 2023317740 2023317741 2023317842 2023319212 2023319881 2023324893 2023325889 2023326628 2023327982 2023329399 2023330111 2023330112 2023332056 2023332282 2023333181 2023333543 2023334178 2023334709 2023336062 2023336580 2023337290 2023338402 2023340289 2023342450 2023344281 2023347081 2023347288 2023365364 2023383986 2024210324	<u>A61Q 11 /-</u>	2023328603 2023338497
<u>A61K 41 /-</u>	<u>A61K 51 /-</u>	<u>A61L 31 /-</u>	2023343416	<u>A61P 21 /-</u>	<u>A61Q 15 /-</u>	
2023338402	2023330111 2023330112 20233347081	2023340720		2023343416	2023345797	
	<u>A61K 8 /-</u>	<u>A61L 9 /-</u>	<u>A61P 25 /-</u>		<u>A61Q 19 /-</u>	
	2023313113 2023328603 2023338497 2023345797 2023351419	2023312705	2023312968 2023314419 2023316082 2023316187 2023317872 2023319281 2023320506 2023320561 2023329399 2023333304 2023334607 2023338669 2023338964 2023340289 2023341169 2023342086 2023343417 2023347307 2023357562 2023388737 2024210324		2023313113	
	<u>A61K 9 /-</u>	<u>A61L 16 /-</u>	<u>A61P 27 /-</u>		<u>A62B 1 /-</u>	
	2023312625 2023313113 2023313624 2023316187 2023316786 2023321675 2023322235 2023324200 2023324893 2023326268 2023331228	2023340120 2023340720	2023317872 2023333304 2023335178 2023341169		2023332226	
		<u>A61M 1 /-</u>		<u>A61P 29 /-</u>	<u>A62B 17 /-</u>	
		2023340720		2023313113 2023327982 2023329399 2023332056 2023340289 2023357562	2023334853	
		<u>A61M 16 /-</u>		<u>A61P 3 /-</u>	<u>A62B 18 /-</u>	
		2023331228		2023312773 2023332056 2023337288	2023316650	
		<u>A61M 37 /-</u>			<u>A62B 23 /-</u>	
		2023331228			2023316650	
		<u>A61M 5 /-</u>			<u>A62D 3 /-</u>	
		2023317548 2023333275			2023331457	
		<u>A61P 1 /-</u>		<u>A61P 37 /-</u>	<u>A63B 21 /-</u>	
		2023312737 2023316187 2023326628 2023332056 2023341169 2023357562 2023388737		2023312568 2023322235 2023326628 2023332056 2023334485 2023340289 2023346793 2023357562 2023376005 2023376006	2023309339	
		<u>A61P 11 /-</u>			<u>A63B 22 /-</u>	
		2023341169			2023309339	
					<u>A63D 13 /-</u>	
					2022476340	

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A63D 15 /-	2023333564 2023334810 2023354346	B09B 101 /-	B25J 5 /-	2023336527 2023336528	2023314838 2023315980
2022476340		2024212933	2023337481	B60D 1 /-	B62D 59 /-
A63F 13 /-	B01J 29 /-	B09B 3 /-	B27K 5 /-	2023366196	2023336525 2023336527 2023336528
2023313623	2023334093 2023366181	2023316828 2024212933	2023329812	B60F 5 /-	
B01D 15 /-	B01J 37 /-	B09B 5 /-	B27M 1 /-	2023343780	B62D 65 /-
2023312049 2023333564 2023354346	2023334093	2024212933	2023329812	B60G 7 /-	2023336525 2023336527 2023336528
B01D 21 /-	B01J 49 /-	B21B 17 /-	2023314597	2023336525 2023336527 2023336528	B62D 7 /-
2023365480	2023312049	2023352244	B28B 5 /-	B60G 9 /-	2023312930 2023314838 2023315980
B01D 37 /-	B01J 6 /-	B22D 11 /-	2023314597	2023336525 2023336527 2023336528	B63B 25 /-
2023365480	2022477319	2023352244	B29B 11 /-		
B01D 53 /-	B01J 8 /-	B22F 1 /-	2023315394	B60J 7 /-	2023332376
2023312049 2023325524 2023332063 2023333211 2023334312 2023334313 2023334314 2023334810 2023334811 2023335012 2024212933 2024314169	2023312049	2023315034 2023333057	B29C 49 /-	2024256091	B63B 73 /-
	B01L 3 /-	B22F 3 /-	2023315394	B60L 15 /-	2023332376
	2023327929	2023315034	B31B 120 /-	2023333634	B63G 8 /-
	B03B 7 /-	B22F 9 /-	2023333356	B60L 5 /-	2023343780
	2023352579	2023315034	B31B 50 /-	2023333634	B64C 1 /-
	B05B 13 /-	B23K 26 /-	2023333356	B60L 50 /-	2023347642
	2023337481	2023348207	B32B 1 /-	2023333634	B64C 31 /-
B01D 61 /-	B05B 5 /-	B23Q 1 /-	2023329079	B60L 53 /-	2023332529
2023348207	2023315855	2023316638	B32B 13 /-	2023326264 2023333634 2023425467	B64C 37 /-
B01D 63 /-	B05D 1 /-	B24B 45 /-	2023314597		2023343780
2023348207	2023317785	2024259309	B32B 15 /-	B60L 58 /-	B64C 39 /-
B01F 23 /-	B05D 3 /-	B24D 5 /-	2023329079 2023351887	2024304250	2023343780
2024324072	2023317785	2024259309	B32B 21 /-	B60L 7 /-	B64D 9 /-
B01F 25 /-	B05D 5 /-	B24D 7 /-	2023329812	2023333634	2023332376
2023342330 2024324072	2023317785	2024259309	B32B 27 /-	B60P 1 /-	B64U 10 /-
B01F 31 /-	2023317785	B25B 13 /-	2023329079	2024257164	2023343780
2023332411	B07B 1 /-	2023329855	B32B 38 /-	B60P 7 /-	B64U 30 /-
B01F 33 /-	2023345770	B25B 15 /-	2023329812	2023332376	2023343780
2023332411	B07C 5 /-	2023329855	B32B 5 /-	B60S 3 /-	B64U 50 /-
B01F 35 /-	2023327784 2023329812	B25B 5 /-	2023329079	2023337481	2023343780
2023332411 2023342330	B08B 3 /-	2022475156	B32B 7 /-	B61D 45 /-	B65D 1 /-
B01J 19 /-	2023337481	2023344057	2023314597	2023332376	2023315394
2023312049 2023342330	B08B 9 /-	B25G 1 /-	B60B 29 /-	B61L 27 /-	B65D 5 /-
	2023337481	2023329855	2022475156	2023367851	2023333356
B01J 20 /-			B60B 35 /-	B62D 3 /-	B65D 55 /-
2023312049			2023336525	2023312930	2023333356

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2023355743	2023314822	2023333648	2023334093	2023343417	2023317740
2023355745		<u>C02F 11 /-</u>	<u>C07C 1 /-</u>	2023383986	2023317741
2023359403	<u>B81C 3 /-</u>	2023327935	2023334093	<u>C07D 211 /-</u>	2023329399
<u>B65D 88 /-</u>	2023348207		2023366181	2023331216	2023331216
2023337481	<u>C01B 3 /-</u>	<u>C02F 5 /-</u>	<u>C07C 11 /-</u>	2023386323	2023341169
		2024253427			2024210324
<u>B65D 90 /-</u>	2022472501	<u>C02F 7 /-</u>	2023366181	<u>C07D 213 /-</u>	<u>C07D 409 /-</u>
2023333334	2023336295		<u>C07C 2 /-</u>	2023331216	2023331216
	<u>C01B 32 /-</u>	2024324072		<u>C07D 233 /-</u>	2023341169
<u>B65G 1 /-</u>	2023334810	<u>C02F 9 /-</u>	2023366181	2023340289	<u>C07D 413 /-</u>
2022471272	2023334811	2024301849	<u>C07C 229 /-</u>	2023386323	2023329399
<u>B65G 15 /-</u>	<u>C01B 33 /-</u>	<u>C03C 17 /-</u>	2023334610	<u>C07D 239 /-</u>	2023341169
2023364867	2023332210	2023318867	2023338228	2023386323	<u>C07D 417 /-</u>
<u>B65G 63 /-</u>	2023333057	<u>C04B 103 /-</u>	<u>C07C 233 /-</u>	<u>C07D 249 /-</u>	2023316793
2022471272	<u>C01C 1 /-</u>	2024278444	2023338228	2023317740	2023331216
<u>B65G 67 /-</u>	2023333210	<u>C04B 111 /-</u>	<u>C07C 235 /-</u>	2023317741	2023341169
2022471272	2024314169			<u>C07D 257 /-</u>	<u>C07D 457 /-</u>
	<u>C01F 11 /-</u>	2023347060	2023338228	2023330112	2023317872
<u>B65H 31 /-</u>	2024212933	<u>C04B 20 /-</u>	<u>C07C 237 /-</u>		<u>C07D 471 /-</u>
2023357240	<u>C01F 15 /-</u>	2023324822	2023338228	<u>C07D 277 /-</u>	2023329399
<u>B66B 11 /-</u>	2023333564	<u>C04B 22 /-</u>	<u>C07C 255 /-</u>	2023331216	2023331216
2023343630	<u>C01F 7 /-</u>	2024278444	2023312773	<u>C07D 295 /-</u>	2023341169
<u>B66B 13 /-</u>	2022477319	<u>C04B 24 /-</u>	<u>C07C 29 /-</u>	2023331216	2023383986
2023349820	2024221601	2023324822	2023335012	2023334610	2022473528
<u>B66B 23 /-</u>	<u>C01G 21 /-</u>	<u>C04B 28 /-</u>	<u>C07C 31 /-</u>	2023386323	2023329399
2023331663	2023333564	2023324822	2023335012	<u>C07D 305 /-</u>	2023333281
<u>B66B 31 /-</u>	<u>C01G 25 /-</u>	2023347060	<u>C07C 323 /-</u>	2023331216	2023337007
2023346039	2023347081	2024278444	2023386323	<u>C07D 319 /-</u>	2023341169
<u>B66C 1 /-</u>	<u>C01G 29 /-</u>	<u>C04B 40 /-</u>	<u>C07C 35 /-</u>	2023331216	<u>C07D 487 /-</u>
2023319137	2023333564	2023324822	2023312773	<u>C07D 333 /-</u>	2023325889
<u>B66C 17 /-</u>	<u>C01G 49 /-</u>	<u>C04B 7 /-</u>	<u>C07C 4 /-</u>	2023331216	2023329399
2022457070	2023352579	2024278444	2023366181	2023331216	2023336062
<u>B66C 23 /-</u>	<u>C01G 53 /-</u>	<u>C05B 1 /-</u>	<u>C07C 67 /-</u>	<u>C07D 401 /-</u>	2023341169
2022457070	2024213148	2023324707	2023362293	2023317740	2023327982
<u>B66F 17 /-</u>	2024213149	<u>C05F 11 /-</u>	<u>C07C 69 /-</u>	2023317741	2023331216
2023327791	2024213153	2023326736	2023362293	2023329399	2023341169
<u>B66F 7 /-</u>	2024213154	<u>C05F 17 /-</u>	<u>C07C 9 /-</u>	2023331216	<u>C07D 498 /-</u>
2023336963	2023327935	2023326736	2023334093	2023332282	2023325889
2023343260	2023331457	<u>C05F 3 /-</u>	<u>C07D 207 /-</u>	2023333181	2023341169
<u>B66F 9 /-</u>	2023333648	2023326736		2023334607	2023376005
2022471272	2024253427			2023341169	2023376006
2023327791	2024301849	2023326736		<u>C07D 403 /-</u>	<u>C07D 519 /-</u>
			2023334610	2023316793	2023317650
				2023319281	2023341169
				2023329399	
				2023330112	

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2023319281	2023341758		2023333179	2023326736	<u>C23C 28 /-</u>
2023343416		2023314822	2023333276		2023351887
<u>C07H 21 /-</u>	<u>C07K 7 /-</u>	2023338542	2023337288	<u>C21D 8 /-</u>	
2023314419	2023316776	<u>C11D 17 /-</u>	2023341758	2023352243	<u>C25B 1 /-</u>
	2023337220		2023342387	2023352244	2023327787
	2023341758	2023258446	2023343825	2023352247	2023336295
<u>C07K 1 /-</u>		<u>C11D 3 /-</u>	2023351041	<u>C21D 9 /-</u>	2023359866
2023324855	<u>C08B 11 /-</u>		2023354012		2024287263
2023340945	2023333216	2023258446	2023365480	2023352244	<u>C25B 15 /-</u>
2023344642	<u>C08G 18 /-</u>	<u>C12C 11 /-</u>	2023386323	<u>C22B 1 /-</u>	2023327787
2023354346			2024210324		2023336295
<u>C07K 14 /-</u>	2023374783	2023331943	<u>C12N 3 /-</u>	2023316828	
	<u>C08J 11 /-</u>	<u>C12C 12 /-</u>	2023324844	2023346329	<u>C25B 9 /-</u>
2023312568				2024213148	2023327787
2023312737	2022472898	2023331943	<u>C12N 5 /-</u>	2024213149	2023336295
2023314498	2023380022	<u>C12C 5 /-</u>	2023314421	2024213150	2023343656
2023316776			2023314498	2024213153	2023343657
2023320506	<u>C08K 3 /-</u>	2023331943	2023316776	2024213154	2023352579
2023321447	2023374783	<u>C12H 3 /-</u>	2023319881	<u>C22B 23 /-</u>	2024287263
2023323287			2023333297	2024213148	
2023324200	<u>C08L 5 /-</u>	2023331943	2023338683	2024213149	<u>C25C 1 /-</u>
2023324855			2023338964	2024213150	2023358845
2023325256	2023333216	<u>C12H 6 /-</u>	2023341758	2024213153	
2023326224	2023352919		2023357562	2024213154	<u>C30B 13 /-</u>
2023326730	<u>C08L 63 /-</u>	2023331943	2023365480	<u>C22B 3 /-</u>	2023322212
2023332056		<u>C12M 1 /-</u>	<u>C12N 7 /-</u>		<u>C30B 29 /-</u>
2023333297	2022472898	2023324844	2023326730	2020434481	2023322212
2023334140	<u>C08L 69 /-</u>	2023332410	2023334597	2023335564	
2023337220		2023332413	<u>C12N 9 /-</u>	2023352579	2023322212
2023337288	2022472898	2023335267		2024213148	<u>D04H 13 /-</u>
2023351419	<u>C09D 127 /-</u>	2023340945	2023321447	2024213150	2023325347
2023354012	2023413775	2023341758	2023329179	2024213153	
2023361030	<u>C09D 175 /-</u>	2023345676	2023333276	2024213154	<u>D05B 3 /-</u>
2023375350		<u>C12M 3 /-</u>	2023342387	<u>C22B 34 /-</u>	2023343006
<u>C07K 16 /-</u>	<u>C09D 175 /-</u>		2023344642		<u>D05C 9 /-</u>
2023312397	2023374783	<u>C12N 1 /-</u>	<u>C12P 1 /-</u>	2023346329	2023343006
2023312968		2023324844		<u>C22B 5 /-</u>	
2023313033	<u>C09D 5 /-</u>	2023324855	2023324844	2023333057	<u>D06F 67 /-</u>
2023313641	2023413775	2023329179	<u>C12P 19 /-</u>		2023342616
2023314375		2023333276		<u>C22B 59 /-</u>	
2023314498	<u>C09K 11 /-</u>	2023335267	2023312737	2020434481	<u>D06F 95 /-</u>
2023314618	2023342576	2023341758	2023316794		2023342616
2023317484	2024221601	2023345676	<u>C12P 21 /-</u>	<u>C22B 7 /-</u>	
2023319881	<u>C09K 8 /-</u>	<u>C12N 11 /-</u>	2023340945	2023346329	<u>D06M 13 /-</u>
2023326628	2023324822		<u>C12P 7 /-</u>	<u>C22C 21 /-</u>	2023334853
2023330111	<u>C10G 2 /-</u>	2023324822			<u>D06M 15 /-</u>
2023330112	2023335012	<u>C12N 15 /-</u>	<u>C12Q 1 /-</u>	2024258261	2023334853
2023332966		2023312568		<u>C22C 38 /-</u>	
2023334358	<u>C10L 1 /-</u>	2023314421	2022473528	2023352243	2023334853
2023334597	2023335012	2023314498	2022483858	2023352244	<u>D21B 1 /-</u>
2023336580	<u>C11B 1 /-</u>	2023314618	2023320506	2023352247	2023345770
2023337288		2023316794	2023328481	<u>C22C 49 /-</u>	
2023337290	<u>C11B 13 /-</u>	2023317322	2023333179		<u>D21H 19 /-</u>
2023342086		2023319212	2023343187	2023315034	2023359403
2023342450		2023319881	2023343825	<u>C22F 1 /-</u>	
2023347288		2023321447	<u>C12R 1 /-</u>		
2023354012		2023323287		2024258261	
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<u>C07K 19 /-</u>					
2023314498					
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2023359403	2023333002	2023354793	2023449909	2023343729	2023343601
<u>D21H 27 /-</u>	<u>E06C 1 /-</u>	<u>F03G 7 /-</u>	<u>F16M 11 /-</u>	<u>F26B 23 /-</u>	<u>G01B 3 /-</u>
2023359403	2024242611	2023319047	2023315801	2023343729	2023327793
<u>E01B 9 /-</u>	<u>E21B 23 /-</u>	<u>F04B 19 /-</u>	<u>F21S 4 /-</u>	<u>F26B 25 /-</u>	<u>G01B 5 /-</u>
2023332727	2022481796	2023319152	2024287299	2023343729	2023327793
<u>E01H 1 /-</u>	<u>E21B 33 /-</u>	<u>F04D 25 /-</u>	<u>F21V 15 /-</u>	<u>F26B 3 /-</u>	<u>G01C 21 /-</u>
2023314206	2023329961	2023381943	2023320254	2023315855 2023343729	2023332532
<u>E02D 27 /-</u>	<u>E21B 34 /-</u>	<u>F04D 27 /-</u>	<u>F21V 17 /-</u>	<u>F26B 5 /-</u>	<u>G01C 25 /-</u>
2023425793 2023428625	2022481788 2023329961	2023381943	2023320254	2023327935	2023370163 2023370169
<u>E02F 3 /-</u>	<u>E21B 41 /-</u>	<u>F04D 29 /-</u>	<u>F21V 19 /-</u>	<u>F27B 15 /-</u>	<u>G01D 5 /-</u>
2023319137	2022481796 2022482897	2023335197	2023320254	2022477319 2022477320	2023340833
<u>E03C 1 /-</u>	<u>E21B 43 /-</u>	<u>F16B 13 /-</u>	<u>F21V 29 /-</u>	<u>F27B 3 /-</u>	<u>G01L 1 /-</u>
2023343771	2022481796	2023330174	2023320254	2023322208	2023357743
<u>E03F 3 /-</u>	<u>E21B 44 /-</u>	<u>F16B 25 /-</u>	<u>F21V 31 /-</u>	<u>F27D 17 /-</u>	<u>G01M 3 /-</u>
2023343771	2022482897	2023329092 2023329093	2023320254	2023322208	2023340833 2023353884
<u>E04B 1 /-</u>	<u>E21B 47 /-</u>	<u>F16B 33 /-</u>	<u>F21V 5 /-</u>	<u>F27D 19 /-</u>	<u>G01N 1 /-</u>
2023327775 2023428625	2023327793 2023351431	2023329093	2024287299	2023322208	2023327799 2023337207
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2023325347	2023329961	2022476340	2022477319 2022477320	2023322208	2023337524
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2023325347	2023319152	2024259309	2023331083	2023342546	2023332282
<u>E04C 2 /-</u>	<u>F01C 1 /-</u>	<u>F16G 3 /-</u>	<u>F24F 12 /-</u>	<u>F28D 5 /-</u>	<u>G01N 33 /-</u>
2023314597 2023325347	2023338215	2023364867	2023342546	2023315133	2023312968 2023319881 2023327780 2023327783 2023327784 2023329836 2023330154 2023332966 2023333179 2023333304 2023336138 2023342055 2023342576 2023347307 2023348207
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2023327775	2023338215	2023316638	2023315133	2023354793	
<u>E04G 13 /-</u>	<u>F01K 25 /-</u>	<u>F16K 31 /-</u>	<u>F24S 25 /-</u>	<u>F41B 15 /-</u>	
2023425793	2023319107	2023314822	2022479321	2023312704	
<u>E04G 17 /-</u>	<u>F01M 11 /-</u>	<u>F16L 1 /-</u>	<u>F25D 23 /-</u>	<u>F41H 13 /-</u>	
2023425793 2023428625	2023314822	2023319137	2023449909	2023312704 2023320356 2023330625	
<u>E04H 4 /-</u>	<u>F02B 75 /-</u>	<u>F16L 3 /-</u>	<u>F25D 3 /-</u>	<u>F42B 10 /-</u>	
2023320254 2024220219	2023319152	2023343771	2023337899	2023347642	
		<u>F16L 43 /-</u>			
		2023343771			

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2023322674	<u>G06F 9</u> /-	2023363179	2022479603	2023326386	<u>H04B 5</u> /-
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2023370163	2023332718	2023353884	<u>G16H 80</u> /-	2023326386	2023333041
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2022481796	<u>G06K 17</u> /-	2024216941	<u>H01B 12</u> /-	2023326386	2023322674
<u>G01V 8</u> /-	2023311901	<u>G07D 11</u> /-	2023325118	<u>H02J 1</u> /-	<u>H04L 27</u> /-
2023326039	<u>G06K 19</u> /-	2023357240	<u>H01B 7</u> /-	2023359866	2023326683
<u>G02B 1</u> /-	2023311901	<u>G07F 17</u> /-	2023329086	<u>H02J 13</u> /-	<u>H04L 5</u> /-
2024301848	<u>G06K 7</u> /-	2023342551	<u>H01F 6</u> /-	2023332718	2023320911
<u>G02B 27</u> /-	2023311901	<u>G07F 9</u> /-	2023325118	2023332719	<u>H04L 61</u> /-
2023435286	<u>G06N 10</u> /-	2023342551	<u>H01H 37</u> /-	2023334290	2023336713
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2023333285	2024283633	2023333334	<u>H01J 37</u> /-	2023330293	2023352759
<u>G02C 7</u> /-	<u>G06N 20</u> /-	<u>G08G 1</u> /-	2023322206	2023334958	<u>H04L 67</u> /-
2023435286	2024216941	2023332532	2023421224	2023359866	2023336713
2024301848	<u>G06N 3</u> /-	2023367851	<u>H01J 9</u> /-	2023330293	2024216941
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2022472561	<u>G06Q 10</u> /-	2023333768	<u>H01L 21</u> /-	2023332719	2022475157
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2023314773	2023330372	2022475157	<u>H01L 23</u> /-	2023333041	2023330372
2023332718	2023333334	<u>G09B 7</u> /-	2023348207	<u>H02J 7</u> /-	2023336713
<u>G05D 1</u> /-	2023342551	2023314150	<u>H01M 10</u> /-	2023326264	2024216941
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2023331902	2023374248	2023337386	2023333609	2023359866	<u>H04M 7</u> /-
<u>G06F 13</u> /-	<u>G06Q 30</u> /-	<u>G12B 9</u> /-	2024304250	2024304250	2023352759
2023326746	2023330372	2023327799	<u>H01M 4</u> /-	<u>H02K 1</u> /-	<u>H04N 19</u> /-
<u>G06F 16</u> /-	<u>G06Q 40</u> /-	<u>G16B 20</u> /-	2023333609	2023319127	2023363179
2022470861	2023330372	2023320506	<u>H01M 50</u> /-	<u>H02K 16</u> /-	<u>H04W 12</u> /-
2024216941	<u>G06Q 50</u> /-	<u>G16B 30</u> /-	2023333609	2023319127	2023311901
<u>G06F 18</u> /-	2023326039	2023320506	<u>H01M 8</u> /-	<u>H02K 7</u> /-	<u>H04W 4</u> /-
2024258925	2023334290	<u>G16H 10</u> /-	2023343133	2023344057	2023311901
2024258998	2023367851	2023314478	2023346374	<u>H02P 5</u> /-	2023351577
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2023370240	2023363179	2023314478	2023333041	2022479321	<u>H04W 76</u> /-
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<u>G06F 40</u> /-	2023326039	2022479603	<u>H01R 103</u> /-	<u>H04B 17</u> /-	<u>H04W 88</u> /-
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(51) Int. Cl.
F24S 20/20 (2018.01)
F02C 1/05 (2006.01)
F03G 6/06 (2006.01)
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(31) 63/092,486 (32) 15.10.20 (33) US
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(54) METHOD FOR MONITORING A CONTINUOUS INDUSTRIAL PROCESS AND SYSTEM FOR PERFORMING SAID METHOD
(51) Int. Cl.
G05B 23/02 (2006.01)
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A61K 31/40 (2006.01)
A61P 1/08 (2006.01)
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(71) ACIB GmbH; Qualizyme Diagnostics GmbH & Co KG; University of Natural Resources and Life Sciences, Vienna
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G08G 5/00 (2006.01)
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 F42C 11/00 (2006.01)
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 F42B 10/48 (2006.01)
 F42C 3/00 (2006.01)
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A61K 9/14 (2006.01)

A61K 35/57 (2015.01)
A61K 35/614 (2015.01)
A61K 36/07 (2006.01)
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B23K 1/00 (2006.01)
F16L 47/02 (2006.01)
F25B 41/40 (2021.01)
F28F 9/18 (2006.01)
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A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
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A61P 31/18 (2006.01)
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A61K 31/573 (2006.01)
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(54) PHARMACEUTICAL COMPOSITION, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
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A61K 9/08 (2006.01)
A61K 9/107 (2006.01)
A61K 9/70 (2006.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
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E21B 33/127 (2006.01)
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B63B 23/02 (2006.01)
B63B 23/38 (2006.01)
B63B 23/40 (2006.01)
B63B 23/68 (2006.01)
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C12Q 1/68 (2018.01)
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(54) Ectoparasiticide veterinary composition
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A01N 31/02 (2006.01)
A01N 41/12 (2006.01)
A01N 43/24 (2006.01)
A01N 43/28 (2006.01)
A01N 43/32 (2006.01)
A01P 1/00 (2006.01)
A01P 7/02 (2006.01)
A01P 7/04 (2006.01)
A61P 33/14 (2006.01)
A61Q 17/02 (2006.01)
C07C 321/18 (2006.01)
C07C 321/20 (2006.01)
C07C 321/28 (2006.01)
C07C 323/12 (2006.01)
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(74) Patenteur Pty Ltd

Healixa, Inc see Hernández Mayén, A.
(21) 2020384845

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(71) Heraeus Medical GmbH

(11) AU-B-2023223002

(21) 2023223002 (22) 01.09.2023

(54) COMPOSITION FOR PRODUCING A BONE REPLACEMENT MATERIAL, METHOD FOR PRODUCING A PHARMACEUTICAL EXCIPIENT, PHARMACEUTICAL EXCIPIENT, AND USE THEREOF

(51) Int. Cl.

A61L 24/04 (2006.01)

A61K 31/343 (2006.01)

A61K 31/4196 (2006.01)

A61K 31/496 (2006.01)

A61K 31/665 (2006.01)

A61K 31/7036 (2006.01)

A61K 31/7048 (2006.01)

A61K 38/14 (2006.01)

A61L 24/02 (2006.01)

A61P 31/10 (2006.01)

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(54) Use of a composite material

(51) Int. Cl.

A61K 33/06 (2006.01)

A61K 9/16 (2006.01)

A61K 31/7036 (2006.01)

A61K 33/10 (2006.01)

A61P 19/00 (2006.01)

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(54) A MAGNETIC TOROID AND A MAGNETICALLY ACTUATED ROTARY COUPLING DEVICE COMPRISING THEREOF

(51) Int. Cl.

H01F 17/06 (2006.01)

H01F 7/14 (2006.01)

H02K 7/09 (2006.01)

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(54) Device for harvesting atmospheric water vapour

(51) Int. Cl.

E03B 3/28 (2006.01)

B01D 5/00 (2006.01)

B01D 53/26 (2006.01)

C02F 1/22 (2006.01)

C09K 5/02 (2006.01)

C09K 5/04 (2006.01)

C09K 5/06 (2006.01)

F24F 3/14 (2006.01)

F24F 11/41 (2018.01)

F25B 39/02 (2006.01)

F25B 39/04 (2006.01)

F25D 21/00 (2006.01)

F25D 21/06 (2006.01)

F25D 21/14 (2006.01)

F28D 20/02 (2006.01)

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(54) Binary substituted vanadium phosphate electrode material

(51) Int. Cl.

H01M 4/58 (2010.01)

H01M 4/04 (2006.01)

H01M 4/36 (2006.01)

H01M 4/48 (2010.01)

H01M 4/50 (2010.01)

H01M 4/52 (2010.01)

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(54) METHOD, APPARATUS, STORAGE MEDIUM AND SYSTEM FOR CONTROLLING POWER CONVERTER

(51) Int. Cl.

H02J 7/00 (2006.01)

G01R 31/389 (2019.01)

G01R 31/392 (2019.01)

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A61K 31/439 (2006.01)

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A61K 31/7105 (2006.01)

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B60B 7/08 (2006.01)

B60B 7/06 (2006.01)

B60B 21/12 (2006.01)

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H04W 24/10 (2009.01)
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C12P 13/04 (2006.01)
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F16H 57/04 (2010.01)
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A47F 3/04 (2006.01)
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B42D 25/328 (2014.01)
B42D 25/351 (2014.01)
B42D 25/405 (2014.01)
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F23C 1/12 (2006.01)
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A61K 47/16 (2006.01)
A61K 47/20 (2006.01)
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A61P 29/00 (2006.01)
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A61N 1/30 (2006.01)
A61N 1/00 (2006.01)
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G01N 33/50 (2006.01)
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G16H 30/40 (2018.01)
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A61K 31/7076 (2006.01)
A61K 31/522 (2006.01)
A61K 31/675 (2006.01)
A61K 33/24 (2019.01)
A61K 45/06 (2006.01)
A61P 27/02 (2006.01)
A61P 31/20 (2006.01)
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C07H 19/20 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
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A61P 25/28 (2006.01)
C07H 21/04 (2006.01)
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 G09B 23/28 (2006.01)
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 B01D 53/22 (2006.01)
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 C25B 9/60 (2021.01)
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 C25B 15/00 (2006.01)
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 H02J 15/00 (2006.01)
 C09K 5/00 (2006.01)
 F28D 20/00 (2006.01)
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F16L 59/02 (2006.01)
B32B 5/26 (2006.01)
E04B 1/74 (2006.01)
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A61P 1/04 (2006.01)
A61P 7/02 (2006.01)
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B32B 3/28 (2006.01)
B65D 5/42 (2006.01)
D21H 27/40 (2006.01)
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E21B 43/01 (2006.01)
F16L 37/084 (2006.01)
F16L 37/12 (2006.01)
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C07K 14/245 (2006.01)
A61K 39/108 (2006.01)
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B01L 3/02 (2006.01)
B01L 3/00 (2006.01)
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G01N 35/00 (2006.01)

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G10L 17/00 (2013.01)
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 TRANSPORT OF PYROLYSIS OIL
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C10G 1/00 (2006.01)
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C10G 31/08 (2006.01)
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C07J 43/00 (2006.01)

A23L 33/10 (2016.01)
A61K 31/575 (2006.01)
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A61P 31/14 (2006.01)
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C07J 41/00 (2006.01)
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C09K 17/52 (2006.01)
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B28B 1/00 (2006.01)
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H04W 4/80 (2018.01)
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A24D 1/00 (2020.01)
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 methods for fabrication of solid masses
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A61K 9/22 (2006.01)
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B82Y 5/00 (2011.01)
G01R 33/48 (2006.01)
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E03F 9/00 (2006.01)
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F16L 55/26 (2006.01)
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C07D 267/10 (2006.01)
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A61B 90/00 (2016.01)

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A61D 7/00 (2006.01)
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G05F 3/04 (2006.01)
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HÖVELMANN, Felix Florian; MUTCH,

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MEALING, David Richard Arthur;

THOMAS, Matthew Rhys; CUMMINS,

Alison

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(51) Int. Cl.

A61H 1/02 (2006.01)

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2019216584	Smart Wires Inc.	2019377652	Talon Engineering SDN BHD
2019218125	Dragonfly Therapeutics, Inc.	2019378180	Diversey, Inc.
2019225453	Mucpharm Pty Ltd	2019383003	Unichem Laboratories Ltd
2019232790	Lettela Pty Limited	2019383791	Kuwait Insulating Material Manufacturing Co. SAK
2019233899	Mobius Imaging, LLC	2019386283	B. Braun Melsungen AG
2019235605	SmartVet Pty Ltd	2019387111	Eva, M.
2019235612	G.S. Unlimited Enterprises Pty Ltd	2019388052	Biotyx Medical (Shenzhen) Co., Ltd
2019235771	Creatv MicroTech, Inc.	2019392780	Advanced Euclidean Solutions, LLC
2019236028	Assa Abloy New Zealand Limited	2019393988	Veolia Water Solutions & Technologies Support
2019238567	Massa, M.	2019396597	Metso Outotec Sweden AB
2019240068	Aldevron, L.L.C.	2019398032	Subsea 7 do Brasil Servicos Ltda
2019241439	UMC Utrecht Holding B.V.	2019398116	Climate LLC
2019247100	Touchlight IP Limited	2019400020	Multi4 Medical AB
2019249249	Azitra Inc	2019401015	Alcon Inc.
2019251360	Neuropore Therapies, Inc.	2019403247	LANXESS Corporation
2019256826	CHEP Technology Pty Limited	2019407234	Sapreme Technologies B.V.
2019262310	Damian Pharma AG	2019408398	Intervet International B.V.
2019262676	Agnetix, Inc.	2019408843	Akzo Nobel Coatings International B.V.
2019263088	Masterhaul LLC	2019409446	Trince bv
2019265005	Regeneron Pharmaceuticals, Inc.	2019411517	BAE Systems PLC
2019268642	Daifuku Co., Ltd.	2019412536	Magaldi Power S.p.A.
2019272976	Mechanix Wear LLC	2019415278	Toray Industries, Inc.
2019274431	Epitracker, Inc.	2019416121	Becton, Dickinson and Company
2019274562	Benthic USA LLC	2019427293	American Sterilizer Company
2019280266	Petróleo Brasileiro S.A. - Petrobras	2019427489	Mitochondria Emotion, Inc.
2019283846	The Boeing Company	2019428242	Nucor Corporation
2019283943	ZETCO VALVES PTY LTD	2019429126	Halliburton Energy Services, Inc.
2019284097	Nuctech Company Limited; Tsinghua University	2019431304	Linde GmbH
2019285366	voestalpine Turnout Technology Zeltweg GmbH; voes- talpine Railway Systems GmbH	2019445045	New York Air Brake, LLC
2019288581	Dynamic Suture, Inc.	2019455704	GE Grid Solutions LLC
		2019460226	Petrolia Nacional Berhad (Petronas); Dalian Institute of Chemical Physics, Chinese Academy of Sciences
		2019467274	Halliburton Energy Services, Inc.

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2020200004	The Boeing Company	2021200506	BISSELL Inc.
2020201095	KDB INTELLECTUAL PTY LTD	2021216324	Gasherbrum Bio, Inc.
2020201210	Stryker European Operations Limited	2021216596	Detnet South Africa (Pty) Ltd
2020201411	Bouygues Travaux Publics	2021233918	LGAB LLC
2020202118	Brandt Industries Inc.	2021235243	EXPRO NORTH SEA LIMITED
2020202282	Prysmian S.p.A.	2021239914	Fina BioSolutions, LLC
2020202790	Deere & Company	2021240286	The United States of America, as represented by the Secretary, Department of Health and Human Services
2020202900	Ford, M.		247Solar, Inc.
2020205224	Dab Pumps S.p.A.	2021248410	Takeda Pharmaceutical Company Limited
2020205473	UCL Business Ltd	2021254564	University of Central Florida Research Foundation, Inc.
2020206515	ADB Safegate Sweden AB	2021266360	Ajou University Industry-Academic Cooperation Foundation
2020208761	UNION therapeutics A/S	2021273642	
2020209864	Centor Design Pty Ltd	2021277764	Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGmbH
2020210117	Zydus Lifesciences Limited		Boehringer Ingelheim International GmbH
2020213335	Deere & Company	2021286378	Eli Lilly and Company
2020213672	Manneschi, A.	2021286660	Zhejiang Huiguan Leisure Products Co., Ltd.
2020213968	Eni S.p.A.	2021287862	Hunan Lier Biotech Co., Ltd.
2020216291	Illumina, Inc.	2021306531	Chemo Research, S.L.
2020216305	EBR Systems, Inc.	2021314977	CELLSIGHT TECHNOLOGIES INC.
2020223480	Syngenta Crop Protection AG	2021318537	Hayne Lane Ltd
2020223518	TioTech AS	2021321372	Daewoong Pharmaceutical Co., Ltd.
2020225915	Université Paris-Saclay; Université Grenoble Alpes; Institut National De La Sante Et De La Recherche Medicale; Centre Hospitalier Universitaire Grenoble Alpes	2021331854	LG Electronics Inc.
	IDEMIA France	2021336358	LG ELECTRONICS INC.
2020228143	Menarini Silicon Biosystems S.p.A.	2021338132	NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED, MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
2020229471	Curasept A.D.S. S.R.L.	2021365775	NAIAD MARITIME GROUP, INC.
2020230945	Carefusion 303, Inc.		COLGATE-PALMOLIVE COMPANY
2020232299	InflaRx GmbH	2021371310	NANJING SHIJIANG MEDICINE TECHNOLOGY CO., LTD; TONGJI UNIVERSITY
2020234859	The Regents of The University of California; Augusta University Research Institute, Inc.	2021372383	DYSON TECHNOLOGY LIMITED
2020235643	Picodya Technologies Ltd.	2021376500	PFIZER INC.
	Fulcrum Therapeutics, Inc.		THALES DIS FRANCE SAS
2020236828	The Board of Trustees of the Leland Stanford Junior University	2021400017	DREAMHAWK VISION BIOTECH, INC.
2020241254	Putzmeister Engineering GmbH	2021404946	HUAWEI TECHNOLOGIES CO., LTD.
2020244810	Koch-Glitsch, LP	2021404994	HUAWEI TECHNOLOGIES CO., LTD.
	Gyrus ACMI, Inc. D/B/A Olympus Surgical Technologies America	2021416936	ZTE CORPORATION
2020245025	Kraftblock GmbH	2021417819	ZHEJIANG CFMOTO POWER CO., LTD
2020247558	Qualcomm Incorporated	2021418389	GC CORPORATION
2020253804	Aligos Therapeutics, Inc.	2021419025	FUJIFILM BUSINESS INNOVATION CORP.
	Universitätsmedizin der Johannes Gutenberg-Universität Mainz	2021425551	IHI CORPORATION
2020255032	Medicines360	2021425801	PRAZER THERAPEUTICS INC.
2020265188	CareFusion 303, Inc.	2021428773	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2020267576	Personal Cooling Technologies, LLC	2021429041	HOWMET AEROSPACE INC.
2020268487	Lonza Guangzhou Pharmaceutical Ltd.	2021434797	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.
	Fugro N.V.	2021435668	LONGI MAGNET CO., LTD.
2020279903	Board of Regents, The University of Texas System		Verndari, Inc.
2020280044	Koto Holdings Limited	2021436837	ACIB GmbH; Qualizyme Diagnostics GmbH & Co KG; University of Natural Resources and Life Sciences, Vienna
2020280254	EVVA Sicherheitstechnologie GmbH	2021444627	Amicus Therapeutics, Inc.
2020289948	Johnson Matthey Davy Technologies Limited		Adobe Inc.
2020291805	Universiteit Gent	2021470809	ToolGen Incorporated
2020293557	Unicharm Corporation	2022201834	BETAPACK, S.A.U.
2020296529	Viatemis SAS	2022203055	SIGNPATH PHARMA, INC.
2020302230	Oasis Engineering (2003) Ltd		S-Infinity Pharmaceuticals Co., Ltd
2020312718	GlaxoSmithKline Intellectual Property Development Limited	2022203498	HUAWEI TECHNOLOGIES CO., LTD.
2020325753	Microsoft Technology Licensing, LLC	2022203806	NUTRECO IP ASSETS B.V.; SKRETETING AQUACULTURE RESEARCH CENTRE AS
	Husqvarna AB	2022204902	GREENLYTE CARBON TECHNOLOGIES GMBH
2020334701	Illumina, Inc.	2022209059	MUNTERS EUROPE AKTIEBOLAG
2020343214	ConocoPhillips Company	2022213291	ENEOS CORPORATION; TOKICO SYSTEM SOLUTIONS, LTD.
2020350787	CMAR AB	2022218443	NANOBIOSYM, INC.
2020371103	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.; Nippon Light Metal Company, Ltd.; TEX E.G., Co. Ltd.	2022220522	PARALLEL SYSTEMS, INC.
2020374004	Regeneron Pharmaceuticals, Inc.	2022226867	DAIKIN INDUSTRIES, LTD.
	Genex Health Co., Ltd		
2020379046	Hernández Mayén, A.; Consolidando el Patrimonio, S.A.P.I. de C.V.; Stewart Lang, D.; Healixa, Inc	2022228677	
2020381037	Cella Therapeutics, LLC	2022229661	
2020384845	ABB SCHWEIZ AG	2022230850	
2020407072		2022231733	
2020484053		2022234448	
		2022236110	

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2022241587	Hussmann Corporation	2023201593	ethris GmbH
2022243959	INVENTIO AG	2023201636	Profile Products L.L.C.
2022249724	DUKE STREET BIO LIMITED	2023201678	Invisra, Inc.
2022252805	Amorphical Ltd.	2023201868	Qualcomm Incorporated
2022256751	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2023201917	Fisher & Paykel Healthcare Limited
2022259860	ENEOS Corporation	2023202057	MAKO Surgical Corp.
2022264096	BYD COMPANY LIMITED	2023202268	Watgrid, S.A.
2022266030	UNILEVER GLOBAL IP LIMITED	2023202372	Bruin Biometrics LLC
2022267168	DAIKIN INDUSTRIES, LTD.	2023202692	Medline Industries, LP
2022270710	TYCO FIRE & SECURITY GMBH	2023203046	Hindustan Petroleum Corporation Limited
2022274825	COLGATE-PALMOLIVE COMPANY	2023203089	GE Video Compression, LLC
2022280872	COLGATE-PALMOLIVE COMPANY	2023203651	Nuheara IP Pty Ltd
2022283722	THE CHEMOURS COMPANY FC, LLC	2023203896	Yamada, K.
2022286422	LINEAGE LOGISTICS, LLC	2023203905	Wonderland Switzerland AG
2022286747	PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIM- ITED	2023204112	Werewolf Therapeutics, Inc.
2022287294	ARCELORMITTAL	2023204367	JUUL Labs, Inc.
2022290085	JFE STEEL CORPORATION	2023204372	LG Electronics Inc.
2022291509	Fujitsu Limited	2023204668	Masterbuilt Manufacturing, LLC
2022291548	Alcon Inc.	2023207383	HANGZHOU SINO EAGLE YACHT CO., LTD.
2022294517	JFE STEEL CORPORATION	2023208067	Sungrow Power Supply Co., Ltd.
2022295448	NIPPON STEEL ENGINEERING CO., LTD.	2023216878	Water Pik, Inc.
2022298609	HUAWEI TECHNOLOGIES CO., LTD.	2023219881	Ojjo, Inc.
2022299051	GILEAD SCIENCES, INC.	2023219908	TARIS Biomedical LLC
2022300540	LG ELECTRONICS INC.	2023223002	Heraeus Medical GmbH
2022302731	LG ELECTRONICS INC.	2023226606	PLASTIC ENERGY LIMITED
2022315631	Novelis Koblenz GmbH	2023226689	Inovio Pharmaceuticals, Inc.
2022321398	HUAWEI TECHNOLOGIES CO., LTD.	2023226715	Google LLC
2022321954	UNILEVER GLOBAL IP LIMITED	2023248149	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2022323136	UNILEVER GLOBAL IP LIMITED	2023251478	Murphy, S.B.
2022325398	NORTON (WATERFORD) LIMITED	2023254990	Getac Technology Corporation
2022328557	VENN TECHNOLOGY CORPORATION	2023255011	SSG INTERNATIONAL, LLC
2022329224	GUANGZHOU OCUSUN OPHTHALMIC BIOTECHNO- LOGY CO., LTD.; OCUSUN OPHTHALMIC PHARMA- CEUTICAL (GUANGZHOU) CO., LTD.	2023255057	Heraeus Medical GmbH
2022333163	THE BOOTS COMPANY PLC	2023258423	Steriline Racing Pty Ltd; Covey Associates Pty. Ltd.
2022334935	WONDERLAND SWITZERLAND AG	2023258438	Pindrop Security, Inc.
2022337149	GOOGLE LLC	2023259318	LUG USA, LLC
2022340028	MITSUBISHI HEAVY INDUSTRIES, LTD.	2023263552	Vitec, Inc.
2022343003	AERONES ENGINEERING, SIA	2023268571	VMI HOLLAND B.V.
2022350974	BYD COMPANY LIMITED	2023270295	Ab Initio Technology LLC
2022353386	INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY	2023274142	Nippon Shinyaku Co., Ltd.
2022354108	NORTON (WATERFORD) LIMITED	2023285912	A-dec, Inc.
2022368763	CIRCINUS MEDICAL TECHNOLOGY LLC	2023308724	SUZHOU RONGKE POWER CO., LTD.
2022374963	HITACHI ENERGY LTD	2023348006	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
2022380562	W. L. GORE & ASSOCIATES, INC.	2023356017	DURO INDUSTRIES, LLC
2022383976	NIPPON PAINT (CHINA) CO., LTD.; LANGFANG NIP- PON PAINT CO., LTD.	2023369070	COOPERVISION INTERNATIONAL LIMITED
2022392750	SYNGENTA CROP PROTECTION AG	2023397403	UNIVERSITY OF TECHNOLOGY SYDNEY
2022400828	CCCC (TIANJIN) ECO-ENVIRONMENTAL PROTEC- TION DESIGN & RESEARCH INSTITUTE CO., LTD.	2023433408	SMARTRAY PTY LTD
2022414348	ZHANG, X.	2024200034	Becton, Dickinson and Company
2022422739	COOPERVISION INTERNATIONAL LIMITED	2024200035	The Hilliard Corporation
2022435438	HERMSEN, F.J.	2024200829	Apple Inc.
2022460773	GLONOVA PHARMA CO., LTD.	2024200981	Milkcan Letterbox Co Pty Ltd
2023200158	OJI Holdings Corporation	2024201296	NetScout Systems, Inc.
2023200159	OJI Holdings Corporation	2024201546	LIN, W.; EMINENCE INTERNATIONAL TRADING CO., LTD.; SUMMER SMILE INTERNATIONAL CO.
2023200160	OJI Holdings Corporation	2024201564	LG Electronics Inc.
2023200317	Rani Therapeutics, LLC	2024201763	Lobo Holdings Pty Ltd
2023200365	Arm West, LLC	2024202226	Avent Investment, LLC
2023200409	Breville Pty Limited	2024202430	Akroswiss AG
2023200963	ICU Medical, Inc.	2024203097	YAHVAVI, R.
2023201046	Victaulic Company	2024203155	Acacia Pharma Ltd
2023201209	GI Scientific, LLC	2024203651	TRINA SOLAR CO., LTD.
2023201301	Zhejiang Orient Gene Biotech Co., Ltd	2024204464	WELLADSEN BROS PTY LTD
2023201374	Kabushiki Kaisha Toshiba	2024266901	ConocoPhillips Company
2023201491	Golden Solar (Quanzhou) New Energy Technology Co., Ltd.	2024287156	Bios-Therapy, Physiological Systems for Health S.p.A.
2023201492	Golden Solar (Quanzhou) New Energy Technology Co., Ltd.	2025200405	American Sterilizer Company
2023201544	New-Tec Integration (Xiamen) Co., Ltd.	2025201145	GILEAD SCIENCES, INC.

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<u>A01B 19 I/-</u>	2021321372	<u>A45F 3 I/-</u>	2023202372	2022291548	<u>A61K 35 I/-</u>
2018275006	<u>A01P 13 I/-</u>	2019201823	<u>A61B 3 I/-</u>	2023251478	2019249249
	2020223480	2019370615	2019392780	<u>A61F 9 I/-</u>	2024287156
<u>A01B 35 I/-</u>	<u>A01P 7 I/-</u>	<u>A45F 5 I/-</u>	<u>A61B 34 I/-</u>	2020244810	<u>A61K 36 I/-</u>
2018275006	2021321372	2019201823	2022368763	2022380562	2024287156
<u>A01G 7 I/-</u>	<u>A23K 10 I/-</u>	<u>A46B 15 I/-</u>	2023202057	<u>A61G 3 I/-</u>	<u>A61K 38 I/-</u>
2019262676	2022226867	2021400017	2023251478	2024203097	2018256435
<u>A01G 9 I/-</u>	2022414348	<u>A46B 5 I/-</u>	2023433408	<u>A61H 1 I/-</u>	2018333274
2019262676	<u>A23K 20 I/-</u>	2022274825	2019203072	2020268487	2018378479
<u>A01H 5 I/-</u>	2022226867	<u>A47B 95 I/-</u>	2019309875	<u>A61J 1 I/-</u>	2018388417
2018394154	2022414348	2022241587	2019351151	2019319807	2018392716
<u>A01H 6 I/-</u>	<u>A23K 40 I/-</u>	<u>A47C 27 I/-</u>	2023202372	2020272760	2019218125
2018394154	2022226867	2023201544	2023202692	2023200963	2019225453
<u>A01K 1 I/-</u>	<u>A23K 50 I/-</u>	<u>A47F 3 I/-</u>	<u>A61B 50 I/-</u>	<u>A61K 31 I/-</u>	2019241439
2019387111	2022226867	2022241587	2019427293	2018333274	2019249249
<u>A01K 11 I/-</u>	<u>A23L 33 I/-</u>	<u>A47G 29 I/-</u>	<u>A61B 6 I/-</u>	2018346507	2019265005
2019235605	2020235643	2024200981	2019203072	2018364738	2019274431
<u>A01K 15 I/-</u>	2021434797	<u>A47J 31 I/-</u>	2019233899	2018397910	2019315440
2019336330	<u>A24D 1 I/-</u>	2019373665	2023433408	2018409843	2019325688
2023258423	2019329868	2023200409	<u>A61B 90 I/-</u>	2019225453	2019383003
<u>A01K 61 I/-</u>	<u>A24F 47 I/-</u>	<u>A47J 37 I/-</u>	2019427293	2019251360	2020407072
2022295448	2019329868	2019347613	2022368763	2019262310	2021254564
<u>A01K 97 I/-</u>	2023204367	2023204668	2023251478	2019290333	2021273642
2020371103	<u>A41D 13 I/-</u>	<u>A47L 15 I/-</u>	2023433408	2019314538	2023204112
<u>A01N 25 I/-</u>	2019201823	2019366756	2025200405	2019346655	2023223002
2019235605	<u>A41D 19 I/-</u>	<u>A47L 9 I/-</u>	<u>A61C 1 I/-</u>	2019351494	<u>A61K 39 I/-</u>
2019378180	2019272976	2021200506	2021372383	2019383003	2018226526
<u>A01N 31 I/-</u>	<u>A43B 13 I/-</u>	<u>A61B 1 I/-</u>	<u>A61C 15 I/-</u>	2019427489	2018236267
2021321372	2024201763	2023201209	2021400017	2020208761	2018243123
<u>A01N 41 I/-</u>	<u>A43B 21 I/-</u>	<u>A61B 10 I/-</u>	<u>A61C 17 I/-</u>	2020225915	2018327329
2021321372	2024201763	2019400020	2021372383	2020234859	2018333274
<u>A01N 43 I/-</u>	<u>A44B 11 I/-</u>	<u>A61B 17 I/-</u>	2022213291	2020267576	2018337571
2019378180	2023203905	2019288581	2022249724	2020407072	2019218125
2020223480	<u>A44C 13 I/-</u>	2019298584	2022252805	2021216324	2020325753
2021321372	2023259318	2019359268	2022299051	202126324	2021239914
2022392750	<u>A44C 25 I/-</u>	2020253804	2022329224	2021314977	2021277764
<u>A01N 59 I/-</u>	2023259318	2023201209	2022460773	2021331854	2021404946
2019378180	<u>A44C 25 I/-</u>	2023202057	2023201678	2021331854	<u>A61K 41 I/-</u>
<u>A01P 1 I/-</u>	2023259318	2023202372	2023223002	2021376500	2019409446
2019378180	<u>A61B 18 I/-</u>	2020253804	2023255057	2021434797	<u>A61K 45 I/-</u>
	2020253804	2019288581	<u>A61C 9 I/-</u>	2022213291	2019325688
		2019298584	2021400017	2022249724	2019383003
		2019359268	<u>A61D 7 I/-</u>	2022252805	2023201678
		2020253804	2019235605	2022299051	
		2023201209	<u>A61F 13 I/-</u>	2022329224	
		2023202057	2020296529	2022460773	<u>A61K 47 I/-</u>
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			2019388052	2023255057	2019225453
			2019401015	2023274142	2019265005
			2021365775	2024203155	2019407234
				2025201145	2020205473
				<u>A61K 33 I/-</u>	2020235643
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				2023201678	<u>A61K 48 I/-</u>
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2019325688	2024202430				
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2020379046	A61M 16 /-				
2021266360		2018409843	A61P 7 /-	2020236828	2024266901
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	2023201917	2019427489	2019274431	B03C 1 /-	B28B 13 /-
A61K 49 /-	2023204367	2020225915	2023274142		
		2020407072		2021470809	2024266901
2019203072	A61M 25 /-	2022249724	A61P 9 /-		
		2023274142		B07B 1 /-	B28B 23 /-
A61K 51 /-	2019341048		2019241439		
	2019351151	A61P 27 /-	2019262310	2019232790	2020245025
2019203072	2019359268		2021216324		
2021318537	2019386283	2019265005	2023274142	B21D 11 /-	B29C 35 /-
		2020407072			
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		2023201678			
2021425801	2023219908		2020230945	B21F 15 /-	B29C 43 /-
		A61P 29 /-	2022280872		
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2022333163	2023200963			2019428242	2019209584
		A61P 3 /-	A61Q 19 /-		
A61K 9 /-	A61M 5 /-			B23K 1 /-	B29C 49 /-
		2018388417	2022333163		
2018397910	2019351943	2018392716		2022267168	2021233918
2019225453	2020232299	2019274431	A63B 53 /-		
2019249249	2020269231	2021216324		B23K 37 /-	B29D 11 /-
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2019265005	2022201834	A61P 31 /-		2019373835	2023369070
2020205473	2024200034		A63K 1 /-		
2020208761	2024202430			B23K 9 /-	B29K 23 /-
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2020407072		2022249724	B01D 1 /-		
2021314977	2020201210	2022299051		B24B 13 /-	B29K 27 /-
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2022329224	2023202372			B24B 41 /-	B29K 67 /-
2022353386	2023226689	A61P 33 /-	2020247558		
2022460773	2024202226		B01D 5 /-	2020334701	2021233918
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2023219908	A61P 1 /-	A61P 35 /-	2020384845		
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2024287156	2023274142	2018309735	B01D 53 /-		2023200159
	2024203155	2018397910		B24B 7 /-	2023200160
A61L 24 /-	A61P 11 /-	2019290333			
		2019351494	2020384845	2020334701	B32B 3 /-
2023223002	2021314977	2019383003	2022228677		
	2023274142	2020241254	2022290085	B24C 3 /-	2023200158
A61L 27 /-		2020280044			2023200159
		2020325753	B01D 63 /-	2019341700	2023200160
2019388052	A61P 13 /-	2021376500			
2020223518		2022249724	2019460226	B24C 5 /-	B32B 5 /-
2021365775	2019262310	2022299051			
	2020235643	2023201678	B01D 69 /-	2019341700	2019383791
A61M 1 /-	2023274142				
		A61P 37 /-	2019415278	B25B 33 /-	B33Y 30 /-
2019309875	A61P 15 /-		2022290085		
2019460226		2018236267	B01D 71 /-	2018403226	2020245025
	2018333274	2018397910		B25J 9 /-	B41J 2 /-
A61M 11 /-	2022252805	2020234859	2019415278		
				2018424184	2021428773
2023204367	A61P 17 /-	A61P 43 /-	B01J 21 /-		
2024202430				B27L 7 /-	B41M 3 /-
	2021286378	2019262310	2020223518		
A61M 15 /-	2023274142	2022460773		2023356017	2020228143
		2023274142	B01L 3 /-		
2022325398	A61P 19 /-			B28B 1 /-	B41M 5 /-
2022354108	2023255057		2020229471		
			2020236828		

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2020228143	2022234448	<u>B64D 25 /-</u>	<u>B65G 13 /-</u>	<u>C04B 28 /-</u>	<u>C07D 241 /-</u>
<u>B42D 25 /-</u>	<u>B61F 3 /-</u>	2019238567	2019268642	2019353948	2020210117
2020228143	2022234448	<u>B64F 1 /-</u>	<u>B65G 17 /-</u>	<u>C07B 59 /-</u>	2023274142
2021404994	<u>B61H 9 /-</u>	2020206515	2020202118	2021318537	<u>C07D 261 /-</u>
<u>B60B 21 /-</u>	2019445045	<u>B65B 3 /-</u>	<u>B65G 21 /-</u>	<u>C07C 27 /-</u>	2019408398
2021436837	<u>B61L 27 /-</u>	2019204442	2019268642	2020213968	<u>C07D 265 /-</u>
<u>B60B 7 /-</u>	2022234448	2024202430	<u>B65G 43 /-</u>	<u>C07C 29 /-</u>	2019251360
2021436837	<u>B62D 11 /-</u>	<u>B65B 31 /-</u>	2019294099	2020291805	2020277650
<u>B60K 13 /-</u>	2018419183	2024202430	2019294099	<u>C07C 31 /-</u>	<u>C07D 267 /-</u>
2021425551	<u>B62D 12 /-</u>	<u>B65B 7 /-</u>	<u>B65G 47 /-</u>	2020291805	2022218443
<u>B60K 5 /-</u>	2018419183	2024202430	2019294099	<u>C07C 311 /-</u>	<u>C07D 277 /-</u>
2021425551	<u>B62D 25 /-</u>	<u>B65D 19 /-</u>	<u>B65H 7 /-</u>	2020210117	2020210117
<u>B60K 6 /-</u>	2019396597	2019256826	2021428773	<u>C07C 321 /-</u>	<u>C07D 295 /-</u>
2019344239	<u>B63B 21 /-</u>	<u>B65D 3 /-</u>	<u>B66F 7 /-</u>	2021321372	2019251360
<u>B60L 50 /-</u>	2019300992	2023203896	2019263088	<u>C07C 323 /-</u>	<u>C07D 319 /-</u>
2019344239	<u>B63B 22 /-</u>	<u>B65D 33 /-</u>	<u>B66F 9 /-</u>	2021321372	2020210117
<u>B60N 2 /-</u>	2020371103	2019371131	2023356017	<u>C07C 41 /-</u>	<u>C07D 401 /-</u>
2022334935	<u>B63B 23 /-</u>	<u>B65D 41 /-</u>	<u>B67C 3 /-</u>	2020213968	2019251360
2023203905	2023207383	2022209059	2019204442	<u>C07C 51 /-</u>	2020267576
<u>B60P 1 /-</u>	<u>B63B 27 /-</u>	<u>B65D 47 /-</u>	<u>B67D 1 /-</u>	2020213968	2022249724
2019263088	2019300992	2019371131	2020374004	<u>C07C 53 /-</u>	2022249724
2019396597	<u>B63B 34 /-</u>	<u>B65D 5 /-</u>	<u>B67D 7 /-</u>	2020213968	2022392750
2024203097	2019387111	2023200158	2019366305	<u>C07D 213 /-</u>	<u>C07D 403 /-</u>
<u>B60P 3 /-</u>	<u>B63B 39 /-</u>	2023200159	<u>B82Y 5 /-</u>	2019251360	2019251360
2019235612	2021371310	2023200160	2019203072	<u>C07D 215 /-</u>	2019290333
<u>B60P 9 /-</u>	<u>B63C 7 /-</u>	<u>B65D 51 /-</u>	<u>C01B 3 /-</u>	2019351494	<u>C07D 409 /-</u>
2019263088	2020371103	2019359386	2020213968	2020210117	2022392750
<u>B60R 13 /-</u>	<u>B63H 25 /-</u>	<u>B65D 55 /-</u>	2023201374	2020234859	<u>C07D 413 /-</u>
2019396597	2021371310	2019371131	<u>C01D 15 /-</u>	<u>C07D 217 /-</u>	2022218443
<u>B60R 22 /-</u>	<u>B64C 1 /-</u>	2022209059	<u>C01G 23 /-</u>	2022249724	2022249724
2023203905	2019283846	<u>B65D 71 /-</u>	2020223518	<u>C07D 221 /-</u>	<u>C07D 417 /-</u>
<u>B60T 13 /-</u>	<u>B64C 3 /-</u>	2019359386	<u>C02F 1 /-</u>	2020223480	2022218443
2019445045	2019370615	2019364928	2020384845	<u>C07D 233 /-</u>	2022249724
<u>B60T 17 /-</u>	<u>B64C 39 /-</u>	2019371131	2022400828	2020210117	<u>C07D 455 /-</u>
2019445045	2019238567	<u>B65D 77 /-</u>	<u>C02F 11 /-</u>	<u>C07D 237 /-</u>	2021376500
<u>B61B 13 /-</u>	2019370615	2019359386	2022400828	2022249724	<u>C07D 471 /-</u>
2022234448	2019235605	<u>B65D 81 /-</u>	<u>C02F 3 /-</u>	2019251360	2020241254
<u>B61C 3 /-</u>	<u>B64D 1 /-</u>	2019359386	2019393988	2022249724	2021216324
2022234448		<u>B65D 85 /-</u>			2022249724
<u>B61D 3 /-</u>		2019364928			2025201145

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<u>C07D 487 I/-</u>	2018226526 2018236267 2018243123 2018250641 2018252546 2018309735 2018346507 2018397910 2019218125 2019241439 2019314538 2020325753 2021277764 2021286378	<u>C11D 1 I/-</u>	2022203498	<u>C25C 7 I/-</u>	<u>E04B 1 I/-</u>
2019251360 2022249724 2022299051		2022266030 2022321954 2022323136	<u>C12N 7 I/-</u>	2023201374	2019383791
<u>C07D 491 I/-</u>		<u>C11D 11 I/-</u>	2018337571 2019325688 2021240286	<u>D01F 2 I/-</u>	<u>E04C 5 I/-</u>
2020241254 2022392750 2025201145		2022321954	<u>C12N 9 I/-</u>	2023397403	2018403226
<u>C07D 495 I/-</u>		<u>C11D 17 I/-</u>	2018256435 2018333274 2018378479 2021306531	<u>D06F 33 I/-</u>	<u>E04D 1 I/-</u>
2022249724		2019340443		2023204372	2019309371
<u>C07D 497 I/-</u>	<u>C07K 19 I/-</u>	<u>C11D 3 I/-</u>	<u>C12P 13 I/-</u>	<u>D06F 34 I/-</u>	<u>E04D 13 I/-</u>
2025201145	2018256435 2018309735 2019241439 2023204112	2019340443 2022321954 2022323136	2021306531	2022300540 2022302731	2018278998 2019309371
<u>C07D 498 I/-</u>		<u>C12G 1 I/-</u>	<u>C12P 21 I/-</u>	<u>D06F 37 I/-</u>	<u>E04G 17 I/-</u>
2019251360 2022249724 2025201145		2023202268	2021239914	2021338132 2022302731 2023204372	2019209584
<u>C07D 519 I/-</u>	<u>C07K 5 I/-</u>	<u>C12H 1 I/-</u>	<u>C12Q 1 I/-</u>	<u>D06F 39 I/-</u>	<u>E04G 21 I/-</u>
2022249724 2022299051	2021286660	2023202268	2018243123 2019365821 2021376500 2022204902	2023204372	2018403226 2020245025
<u>C07F 9 I/-</u>	<u>C08B 16 I/-</u>	<u>C12L 11 I/-</u>	<u>C21B 13 I/-</u>	<u>D06F 58 I/-</u>	<u>E04H 12 I/-</u>
2019403247 2021216324	2023397403	2023202268	2022287294 2022294517	2021336358 2021338132	2019309371
<u>C07H 19 I/-</u>	<u>C08J 9 I/-</u>	<u>C12M 1 I/-</u>	<u>C21D 11 I/-</u>	<u>D21H 27 I/-</u>	<u>E04H 15 I/-</u>
2021318537 2023201678	2019415278	2019335850 2020216291	2019428242	2023200158 2023200159 2023200160	2021287862
<u>C07H 21 I/-</u>	<u>C09C 1 I/-</u>	<u>C12N 13 I/-</u>	<u>C21D 9 I/-</u>	<u>E01B 7 I/-</u>	<u>E05B 1 I/-</u>
2018409843	2022383976	2023226689	2019428242	2019285366	2022241587
<u>C07J 41 I/-</u>	<u>C09C 3 I/-</u>	<u>C12N 15 I/-</u>	<u>C22B 26 I/-</u>	<u>E02D 13 I/-</u>	<u>E05B 19 I/-</u>
2021434797	2022383976	2018309735 2018323049 2018337571 2018346507 2018350774 2018378479 2018394353 2018397910 2018409843 2019240068 2019247100 2019314538 2019325688 2021239914 2021240286 2021266360 2021306531 2021416936 2022201834 2022204902 2023201593	<u>C22B 3 I/-</u>	2019274562	<u>E05B 47 I/-</u>
<u>C07J 43 I/-</u>	<u>C09D 5 I/-</u>		2023348006	<u>E02D 27 I/-</u>	<u>E05B 57 I/-</u>
2021434797	2019408843		2023348006	2019309371	2019236028
<u>C07K 1 I/-</u>	<u>C09D 7 I/-</u>		<u>C22C 21 I/-</u>	<u>E02D 5 I/-</u>	<u>E05B 59 I/-</u>
2021286660	2022383976		2022315631	2019309371	2019236028
<u>C07K 14 I/-</u>	<u>C09K 17 I/-</u>		<u>C22C 38 I/-</u>	<u>E02D 7 I/-</u>	<u>E05B 63 I/-</u>
2018309735 2018323049 2018394353 2018397910 2019241439 2019315440 2019346655 2019383003 2021239914 2021273642 2021404946 2022201834 2023204112	2023201636		2019428242	2019274562	2019236028
	<u>C09K 5 I/-</u>		<u>C22F 1 I/-</u>	<u>E02F 9 I/-</u>	<u>E05B 65 I/-</u>
	2020255032 2020384845 2022283722		2022315631	2019377652 2020213335	2019236028
	<u>C10G 1 I/-</u>		<u>C25B 1 I/-</u>	<u>E03B 3 I/-</u>	<u>E05F 15 I/-</u>
	2023226606		2023201374	2020384845	2020201095 2022243959
	<u>C10G 31 I/-</u>	<u>C12N 5 I/-</u>	<u>C25B 15 I/-</u>	<u>E03C 1 I/-</u>	<u>E06B 1 I/-</u>
	2023226606	2018309735 2018397910 2019218125 2019247100 2020381037 2021306531	2023201374	2019283943	2020201095
<u>C07K 16 I/-</u>	<u>C10K 3 I/-</u>		<u>C25B 9 I/-</u>	<u>E03F 9 I/-</u>	<u>E06B 7 I/-</u>
	2020213968		2023201374	2018445726	2020201095

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<u>E06B 9 /-</u>	<u>F03G 6 /-</u>	<u>F16L 21 /-</u>	<u>F23D 17 /-</u>	<u>F41A 19 /-</u>	<u>G01N 21 /-</u>
2020209864	2021248410	2021444627	2021429041	2023200365	2019416121 2022203055
<u>E21B 15 /-</u>	<u>F04B 19 /-</u>	<u>F16L 3 /-</u>	<u>F23J 7 /-</u>	<u>F41H 5 /-</u>	<u>G01N 23 /-</u>
2019274562	2020205224	2020201095	2021429041	2022315631	2019284097
<u>E21B 17 /-</u>	<u>F04B 47 /-</u>	<u>F16L 37 /-</u>	<u>F24F 1 /-</u>	<u>F42B 10 /-</u>	<u>G01N 33 /-</u>
2019280266 2020202900	2020205224	2019280266	2017243880	2019411517	2018241286 2018298890 2019235771 2019398116 2020279903 2022203055 2023201301 2023202268 2024287156
<u>E21B 19 /-</u>	<u>F04C 29 /-</u>	<u>F16L 41 /-</u>	<u>F24F 11 /-</u>	<u>F42B 12 /-</u>	
2019274562 2019280266	2022236110	2019283943	2020384845	2019411517	
<u>E21B 33 /-</u>	2020205224	2022267168	2017243880	<u>F42B 21 /-</u>	
2019429126 2021235243	<u>F04D 25 /-</u>	<u>F16L 5 /-</u>	<u>F24F 13 /-</u>	2019411517	
<u>E21B 34 /-</u>	2023254990	2020201095	2017243880 2019383791 2021444627	<u>F42B 30 /-</u>	<u>G01N 35 /-</u>
2019467274	<u>F04D 27 /-</u>	<u>F16L 55 /-</u>	<u>F24F 3 /-</u>	2019411517	2020236828
<u>E21B 41 /-</u>	2023254990	2018445726 2019398032	2020384845	<u>F42C 11 /-</u>	<u>G01N 37 /-</u>
2019274562	<u>F15B 11 /-</u>	<u>F16L 57 /-</u>	<u>F24S 20 /-</u>	2019411517	2020216291
<u>E21B 43 /-</u>	2021371310	2018445726 2019398032	2019412536 2021248410	<u>F42C 13 /-</u>	<u>G01R 31 /-</u>
2019280266 2019467274 2020205224 2021235243	<u>F16D 41 /-</u>	<u>F16L 58 /-</u>	<u>F24S 60 /-</u>	2019411517	2022374963 2023208067
<u>E21B 47 /-</u>	<u>F16D 49 /-</u>	2018445726 2019398032	2019412536	<u>F42C 3 /-</u>	<u>G01R 33 /-</u>
2019427293	2019427293	<u>F16L 59 /-</u>	<u>F25B 39 /-</u>	2019411517	2019203072
2020205224	<u>F16D 65 /-</u>	2019383791 2023201046	2020384845	<u>F42C 5 /-</u>	<u>G01S 13 /-</u>
<u>E21B 7 /-</u>	2019427293	<u>F16M 11 /-</u>	<u>F25B 41 /-</u>	2019411517	2019336551 2020206515 2020213672
2019274562 2019280266	2024200035	2019427293	2022267168	<u>F42C 7 /-</u>	<u>G01S 7 /-</u>
<u>E21D 9 /-</u>	<u>F16H 48 /-</u>	<u>F16M 13 /-</u>	<u>F25D 21 /-</u>	2019411517	2019336551
2020201411	<u>F16H 57 /-</u>	2019427293	2020384845	<u>F42C 9 /-</u>	<u>G01V 11 /-</u>
<u>E21F 13 /-</u>	<u>F16K 11 /-</u>	<u>F17C 13 /-</u>	<u>F27B 9 /-</u>	2019411517	2020213672
2018419183	2019283943	2022230850 2022259860	2019431304	<u>F42D 1 /-</u>	<u>G01V 3 /-</u>
<u>F01N 13 /-</u>	<u>F16K 5 /-</u>	<u>F17C 5 /-</u>	<u>F28D 20 /-</u>	2021216596	2020213672
2021425551	2019283943	2020312718 2022230850 2022259860	2020255032 2020384845	<u>F42D 3 /-</u>	<u>G01V 8 /-</u>
<u>F02C 1 /-</u>	<u>F16L 1 /-</u>	<u>F21V 23 /-</u>	<u>F28F 1 /-</u>	2021216596	2020213672
2021248410	2019398032	2025200405	2022267168	<u>G01D 21 /-</u>	<u>G01V 9 /-</u>
<u>F02C 9 /-</u>	<u>F16L 101 /-</u>	<u>F23C 1 /-</u>	<u>F28F 13 /-</u>	2023202268	2020279903
2022340028	2019398032	2021429041	2019347613	<u>G01F 23 /-</u>	<u>G02B 27 /-</u>
<u>F03B 7 /-</u>	<u>F16L 13 /-</u>	<u>F23D 14 /-</u>	<u>F28F 9 /-</u>	2020205224	2022291548
2018445726	2021444627	2019347613 2022267168	2019347613 2022267168	<u>G01M 1 /-</u>	<u>G02B 3 /-</u>
<u>F03D 80 /-</u>	<u>F16L 15 /-</u>	<u>F41A 17 /-</u>	2023200365	2021436837	2022291548
2022343003	2019283943			<u>G01N 15 /-</u>	<u>G02B 6 /-</u>
				2020229471	

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2020202282	<u>G06K 7 /-</u>	2018298890	<u>H02J 7 /-</u>	2022229661
<u>G02C 7 /-</u>	2023268571	<u>H01F 17 /-</u>	2020255032	<u>H04W 16 /-</u>
2022291548	<u>G06N 10 /-</u>	2022435438	2022374963	2024201296
2022422739			2023208067	
<u>G03B 35 /-</u>	2022337149	<u>H01F 7 /-</u>	<u>H02K 7 /-</u>	<u>H04W 24 /-</u>
2023433408	<u>G06N 20 /-</u>	2022435438	2022435438	2021418389
	2022337149	<u>H01H 9 /-</u>	<u>H02M 1 /-</u>	2023201868
<u>G03G 21 /-</u>	2023258438			<u>H04W 28 /-</u>
2021428773	<u>G06N 3 /-</u>	2020302230	2019455704	2022220522
<u>G05B 23 /-</u>	2020350787	<u>H01L 21 /-</u>	<u>H02M 3 /-</u>	2024201296
2020484053	<u>G06N 99 /-</u>	2023201491	2019455704	<u>H04W 4 /-</u>
		2023201492		
<u>G05D 1 /-</u>	2023226715	<u>H01L 23 /-</u>	<u>H02S 20 /-</u>	2018434934
2020213335	<u>G06Q 10 /-</u>	2020202790	2019309371	2021417819
			2023219881	2023201868
<u>G05F 3 /-</u>	2022286422	<u>H01M 4 /-</u>	<u>H02S 30 /-</u>	2024200829
2019216584	<u>G06Q 50 /-</u>	2019431304	2023219881	<u>H04W 40 /-</u>
<u>G06F 1 /-</u>	2023200317	2022350974		2022321398
		2023203046	<u>H03K 19 /-</u>	2023201868
2023254990	<u>G06T 19 /-</u>	<u>H01M 50 /-</u>	2020326366	<u>H04W 72 /-</u>
<u>G06F 11 /-</u>	2022368763	2019344239	<u>H04B 1 /-</u>	2021419025
		2023248149		2022298609
2022328557	<u>G06T 7 /-</u>	<u>H01M 8 /-</u>	2019305141	<u>H04W 8 /-</u>
<u>G06F 16 /-</u>	2018298890		<u>H04B 11 /-</u>	
		2022259860		2022229661
2022203806	<u>G06V 20 /-</u>	2023308724	2020216305	<u>H04W 84 /-</u>
2022291509				
2023270295	2022203806	<u>H01R 13 /-</u>	<u>H04L 12 /-</u>	2022229661
<u>G06F 17 /-</u>	<u>G08B 21 /-</u>	2022286747	2023285912	2023201868
2019336330	2020280254	<u>H01R 4 /-</u>	2024201296	<u>H05K 1 /-</u>
2019416121	<u>G08B 23 /-</u>		<u>H04L 5 /-</u>	2020343214
<u>G06F 21 /-</u>	2020280254	<u>H01R 43 /-</u>	2020265188	<u>H05K 5 /-</u>
			<u>H04L 9 /-</u>	
2022229661	<u>G08G 5 /-</u>	2024204464		2022264096
2022328557			2022229661	<u>H05K 7 /-</u>
<u>G06F 8 /-</u>	2020206515	<u>H02B 1 /-</u>	<u>H04M 1 /-</u>	2020202790
	<u>G09B 23 /-</u>	2023248149		2022270710
2023270295	2019351943	<u>H02G 15 /-</u>	2019305141	2023248149
<u>G06F 9 /-</u>	2024202430		<u>H04N 19 /-</u>	
2021400017	<u>G09C 1 /-</u>	2024204464		<u>H10F 10 /-</u>
<u>G06K 15 /-</u>	2021435668	<u>H02G 3 /-</u>	2023203089	2023201492
			2024201564	2024203651
2023268571	<u>G10L 15 /-</u>	2020201095	<u>H04N 21 /-</u>	<u>H10F 71 /-</u>
<u>G06K 17 /-</u>	2023258438	<u>H02J 13 /-</u>	2023263552	
		2019216584	<u>H04R 25 /-</u>	2023201491
2023268571	<u>G10L 17 /-</u>	<u>H02J 15 /-</u>		2023201492
<u>G06K 19 /-</u>	2023258438		2020293557	2024203651
		2020255032	2023203651	<u>H10F 77 /-</u>
2023268571	<u>G16H 20 /-</u>	<u>H02J 3 /-</u>	<u>H04S 7 /-</u>	2023201491
<u>G06K 5 /-</u>	2020269231			2023201492
		2019216584	2022256751	2024203651
2023268571	<u>G16H 30 /-</u>	2020255032	<u>H04W 12 /-</u>	

Certified Innovation Patents**Name Index**

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

(71) OZGREEN ENERGY PTY LTD
(11) AU-B-2021104890
(21) 2021104890 (22) 03.08.2021
(54) SYSTEM AND METHOD FOR MONITORING WATER QUALITY
(51) Int. Cl.
G01N 33/18 (2006.01)
G01N 1/20 (2006.01)
G08B 21/18 (2006.01)
(31) 2020904744 (32) 18.12.20 (33) AU
(45) 13.03.2025
(72) McKelvey, Len
(74) Michael Buck IP

Numerical Index

2021104890 OZGREEN ENERGY PTY LTD

IPC Index

G01N 1 /-

2021104890

G01N 33 /-

2021104890

G08B 21 /-

2021104890

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Dismissed2012357650 **FlowBee Australia Pty Ltd** (Paradise Honey Ltd)2016231608 **FlowBee Australia Pty Ltd** (Paradise Honey Ltd)**Patents Granted****Standard Patents**

2010214755	2017319702	2017325033	2017325839
2017329780	2017330346	2017331949	2017332854
2017335673	2017339841	2017342071	2017353443
2017357944	2017361868	2017371069	2017373746
2017373884	2017375720	2017381433	2017434556
2018201568	2018211953	2018217478	2018220056
2018224711	2018225102	2018235772	2018237046
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2018273844	2018280750	2018282444	2018287169
2018292438	2018296568	2018297856	2018301395
2018303064	2018310410	2018311981	2018313149
2018315012	2018315428	2018320417	2018328120
2018334039	2018335083	2018335409	2018346310
2018350213	2018353112	2018353813	2018354432
2018357861	2018359635	2018362268	2018363837
2018363883	2018366083	2018366106	2018368580
2018372943	2018375218	2018376564	2018381337
2018386438	2018386719	2018388079	2018389599
2018392902	2018395563	2018399461	2018399962
2018406682	2018408221	2018408302	2018410570
2018410662	2018412044	2018421456	2018422185
2018422687	2018434236	2018434575	2018435310
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2019341588	2019341613	2019342006	2019342351

Patents Granted**Standard Patents**

2019346823	2019351145	2019351665	2019353002
2019353530	2019355195	2019355577	2019355791
2019356134	2019356777	2019356951	2019357036
2019365117	2019365654	2019365823	2019373206
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2019396622	2019402769	2019404617	2019406425
2019406665	2019414285	2019417426	2019418760
2019420405	2019421719	2019426298	2019429147
2019434303	2019441037	2019457395	2019459420
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2020207989	2020208413	2020208448	2020208832
2020209347	2020209867	2020209991	2020210375
2020213767	2020216128	2020217596	2020218107
2020218503	2020218617	2020219470	2020220889
2020226339	2020227620	2020228377	2020228819
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2020292322	2020294089	2020302101	2020310058
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2020360970	2020369848	2020370260	2020374859
2020378420	2020385034	2020385244	2020388682
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2021204339	2021204596	2021204784	2021205051
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2021239762	2021240329	2021244351	2021246429
2021250298	2021255782	2021256883	2021257933
2021259042	2021268496	2021268903	2021271349
2021271686	2021275675	2021282281	2021283853
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2022252707	2022252724	2022252794	2022252817

Patents Granted**Standard Patents**

2022253251	2022253493	2022254777	2022259718
2022259727	2022259809	2022263490	2022263597
2022266191	2022268284	2022268289	2022271313
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2023248166	2023254890	2023263506	2023263543
2023266391	2023270278	2023274146	2023278001
2023285764	2023285914	2023286034	2023332650
2023384305	2023430176	2024200090	2024200824
2024201357	2024201570	2024202393	2024204283
2024204302	2024204426	2024213126	2024220046
2024220049	2024227141	2024227406	

Innovation Patents

2022100198 2025100004

Revocation

It is hereby notified that the offer by the Patentee **LAVA Therapeutics N.V.** to surrender Patent 2016212777 which was advertised in the Official Journal of 16.01.2025 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2006236564 Tolmar, Inc. The patent has been assigned to **Besins Healthcare Luxembourg S.a.r.l.**

2006336957 Sentec Ltd. The patent has been assigned to **Sensus Spectrum LLC**

2007335757 U-SEE 2 Limited The patent has been assigned to **U-SEE2 Ltd**

2008201321 General Electric Company The patent has been assigned to **GE Precision Healthcare LLC**

2008242924 Skyhook Holding, Inc. The patent has been assigned to **Qualcomm Incorporated**

2008243003 Skyhook Holding, Inc. The patent has been assigned to **Qualcomm Incorporated**

2008268599 General Electric Company The patent has been assigned to **GE Precision Healthcare LLC**

Assignments Registered

2010259117 Icon Aircraft, Inc. The patent has been assigned to **SG Investment America, Inc.**

2010351080 Tolmar, Inc. The patent has been assigned to **Besins Healthcare Luxembourg S.a.r.l.**

2011201422 Tolmar, Inc. The patent has been assigned to **Besins Healthcare Luxembourg S.a.r.l.**

2011301171 Suncor Energy Inc. The patent has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2011318873 Kojun-Tech LLC The patent has been assigned to **ZHEJIANG SHUANGNIAO MACHINERY CO., LTD.**

2012203193 General Electric Company The patent has been assigned to **GE Precision Healthcare LLC**

2012261640 General Electric Company The patent has been assigned to **GE Precision Healthcare LLC**

2012269706 Suncor Energy Inc. The patent has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2012277518 Sentec Ltd. The patent has been assigned to **Sensus Spectrum LLC**

2012337348 Hoffman, James; Volponi, Michelle; Perry IV., Ernest
The patent has been assigned to **Volponi, Michelle; Perry IV., Ernest; DTM Innovations LLC**

2012381990 Suncor Energy Inc. The patent has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2013341766 Icon Aircraft, Inc. The patent has been assigned to **SG Investment America, Inc.**

2013355063 Cook Medical Technologies LLC The patent has been assigned to **New US Opco Inc.**

2013356415 Cook Medical Technologies LLC The patent has been assigned to **New US Opco Inc.**

2013356478 Cook Medical Technologies LLC The patent has been assigned to **New US Opco Inc.**

2014232911 Tolmar, Inc. The patent has been assigned to **Besins Healthcare Luxembourg S.a.r.l.**

2014241919 Cook Medical Technologies LLC The patent has been assigned to **New US Opco Inc.**

2014265072 Tolmar, Inc. The patent has been assigned to **Besins Healthcare Luxembourg S.a.r.l.**

2014334927 Icon Aircraft, Inc. The patent has been assigned to **SG Investment America, Inc.**

2015261737 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2015318754 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2015372506 General Electric Company The patent has been assigned to **GE Precision Healthcare LLC**

2015372508 General Electric Company The patent has been assigned to **GE Precision Healthcare LLC**

2015372569 TerraPower, LLC The patent has been assigned to **TerraPower Isotopes, LLC**

Assignments Registered

2016216608 TRIP Holdings Pty Ltd The patent has been assigned to **Visionary Machines Pty Ltd**

2016225939 Icon Aircraft, Inc. The patent has been assigned to **SG Investment America, Inc.**

2016259388 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2016265703 Vertical Optics, LLC The patent has been assigned to **AUGMEDICS, INC.**

2016299404 Sentec Ltd. The patent has been assigned to **Sensus Spectrum LLC**

2017228636 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2017276466 Marine Protech Limited The patent has been assigned to **Peng, Sigam**

2017279683 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2017280928 General Electric Company The patent has been assigned to **GE Precision Healthcare LLC**

2017307649 Suncor Energy Inc. The patent has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2017348440 General Electric Company The patent has been assigned to **GE Precision Healthcare LLC**

2017397390 Sharp Kabushiki Kaisha; FG Innovation Company Limited The patent has been assigned to **Sharp Kabushiki Kaisha**

2018202851 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2018203074 Icon Aircraft, Inc. The patent has been assigned to **SG Investment America, Inc.**

2018311926 Sharp Kabushiki Kaisha; FG Innovation Company Limited The patent has been assigned to **Sharp Kabushiki Kaisha**

2018313320 Rostrum Medical Innovations Inc. The patent has been assigned to **CYTEK SYSTEMS INT'L LTD.**

2018317520 Suncor Energy Inc. The patent has been assigned to **Nutrien AG Solutions (Canada) Inc.**

2018326667 Sentec Ltd The patent has been assigned to **Sensus Spectrum LLC**

2018355743 Hydra Biosciences, LLC; Boehringer Ingelheim International GmbH The patent has been assigned to **Boehringer Ingelheim International GmbH**

2018385787 Glasroe, Chiara The patent has been assigned to **Diginify Holdings Pty. Ltd.**

2019240588 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2019268844 Sharp Kabushiki Kaisha; FG Innovation Company Limited The patent has been assigned to **Sharp Kabushiki Kaisha**

2019278790 Sentec Ltd The patent has been assigned to **Sensus Spectrum LLC**

2019280029 BlendJet Inc. The patent has been assigned to **MavorCo Operations LLC**

Assignments Registered

2019297829 Sharp Kabushiki Kaisha; FG Innovation Company Limited The patent has been assigned to **Sharp Kabushiki Kaisha**

2019383717 Sentec Ltd The patent has been assigned to **Sensus Spectrum LLC**

2019419763 Sharp Kabushiki Kaisha; FG Innovation Company Limited The patent has been assigned to **Sharp Kabushiki Kaisha**

2020213350 BlendJet Inc. The patent has been assigned to **MavorCo Operations LLC**

2020250185 Hydra Biosciences, LLC; Boehringer Ingelheim International GmbH The patent has been assigned to **Boehringer Ingelheim International GmbH**

2021100682 Laserforce International Pty Ltd The patent has been assigned to **Laserforce GmbH**

2021204152 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2021229907 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2021311138 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2021313611 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2022201138 BlendJet Inc. The patent has been assigned to **MavorCo Operations LLC**

2022201846 Zhongshan TLC Electronics Co., Ltd. The patent has been assigned to **Zhongshan TLC Electronics Technology Co., Ltd.**

2023201918 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2023203412 Caterpillar Underground Mining Pty Ltd The patent has been assigned to **Caterpillar Inc.**

2023304118 WM DEVELOPMENTS PTY LTD The patent has been assigned to **Connections Residential Pty Ltd**

Licences Registered - Section 187, Reg. 19

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

2016294665 BEYELER, P. (G-NIUS HOLDING & INVESTMENT SA)

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.

2005321966 **ATNX SPV, LLC**

The earliest first regulatory approval date provided by the patentee 23 Feb 2024

For the goods ONAKTA tirbanibulin

2014200559 **ATNX SPV, LLC**

The earliest first regulatory approval date provided by the patentee 23 Aug 2024

For the goods ONAKTA tirbanibulin

2016307967 **Pfizer Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The earliest first regulatory approval date provided by the patentee 29 Jan 2025

For the goods HYMPAVZI marstacimab

2018330163 **ATNX SPV, LLC**

The earliest first regulatory approval date provided by the patentee 23 Feb 2024

For the goods ONAKTA tirbanibulin

Extensions granted

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

2014226094 **Eli Lilly and Company**

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

For the goods OMVOH mirikizumab

Extension of Term of patent pursuant to Section 77 expires on 27 Sep 2038

Corrigenda

In Vol 58 , No 18 , Page(s) 2607 under the heading **PCT applications that have entered the National Phase - Name Index** Delete all reference to 2023299303.

In Vol 58 , No 3 , Page(s) 360 under the heading **PCT applications that have entered the National Phase - Name Index** Delete all reference to 2022281395.

Specifications Republished

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

2018213893	Glycotope GmbH
2020469637	ENERGY DOME S.P.A.
2020470487	HUAWEI TECHNOLOGIES CO., LTD.
2020472126	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2020472364	FUSION FUEL PORTUGAL, S.A.
2020472388	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2020473256	FORD GLOBAL TECHNOLOGIES, LLC
2020477967	TAISHO SKY BUILDING, INC.
2020479043	ASOCIACION CENTRO TECNOLÓGICO CEIT; GELION TECHNOLOGIES PTY LTD
2020480101	CELLULOTECH INC
2020480104	GVE LTD.
2020480772	BEHAULT INDUSTRIAL PROPERTY OFFICE B.V.
2020481267	TERMO-IND SA
2020481921	RAZER (ASIA-PACIFIC) PTE. LTD.
2020484051	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2020484060	ABB SCHWEIZ AG
2021327309	PHILIA LABS PTY LTD
2021328002	EVONIK OPERATIONS GMBH
2021329529	TRAMES BIO, INC.
2021330523	PEDRAZZINI CHIMICA S.R.L.
2021331178	CAROL COLE COMPANY
2021331530	IMPLANTICA PATENT LTD
2021331840	ANI TECHNOLOGIES PRIVATE LIMITED
2021333899	CARECUBES INC.
2021336781	SCIPHER MEDICINE CORPORATION

Specifications Republished

2021338375	RAVEN INDUSTRIES, INC.
2021338639	SHAANXI MICOT TECHNOLOGY CO., LTD.
2021338763	INHALE HEALTH LLC
2021339551	APOTHECARY PRODUCTS, LLC
2021339589	ILLINOIS TOOL WORKS INC.
2021340616	ILLINOIS TOOL WORKS INC.
2021341527	CAMBRIDGE ENTERPRISE LIMITED
2021342303	CAREFUSION 303, INC.
2021344448	EQUILIBRIUM ENERGY PTY LTD
2021344484	VESTAS WIND SYSTEMS A/S
2021344816	CERAPHI ENERGY LIMITED
2021344849	MERCK SHARP & DOHME LLC; EISAI R&D MANAGEMENT CO., LTD.
2021345714	SHENYANG HAIER REFRIGERATOR CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
2021348604	TAN, S.; YU, H.
2021349262	TRANSLATE BIO, INC.
2021349384	SEAGEN INC.
2021349825	ZHEJIANG JUVENSIS THERAPEUTICS CO., LTD.; NANJING JUVENSIS THERAPEUTICS CO., LTD.
2021350011	EPIVAX, INC.
2021350020	DNARX
2021350469	AHN, J.H.
2021350679	MICROPORT NAVIBOT (SUZHOU) CO., LTD.
2021351332	DAIKIN INDUSTRIES, LTD.; DAICEL CORPORATION
2021351709	ASTURA MEDICAL INC.
2021352532	Fortvita Biologics (Singapore) Pte.Ltd.
2021353420	AMERICAN STERILIZER COMPANY
2021353684	SHENZHEN PHARMACIN CO., LTD.
2021354151	AQSEPTENCE GROUP PTY LTD
2021354190	TIMILON CORPORATION
2021354329	LIFESIZE PLANS IP PTY LTD
2021354747	GUERBET
2021354821	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
2021355445	BAE SYSTEMS CONTROLS INC.
2021355793	NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY
2021355817	NIIGATA UNIVERSITY; DENKA COMPANY LIMITED
2021356293	SHARPIE INNOVATIONS PTY LTD
2021356589	MERCK SHARP & DOHME LLC
2021356649	CLARA FOODS CO.
2021356667	REGENXBIO INC.
2021357131	ZERIA PHARMACEUTICAL CO., LTD.
2021357736	CEVA SANTE ANIMALE
2021358063	VERTEX PHARMACEUTICALS INCORPORATED
2021358768	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
2021358809	PETROLIAM NASIONAL BERHAD (PETRONAS)
2021358888	MONOLITH MATERIALS, INC.
2021359640	Sandvik Rock Processing Australia Pty Limited
2021359742	COMPAGNIE LAITIÈRE EUROPÉENNE
2021359759	TOPSOE A/S
2021360784	PowerPollen, Inc.
2021361043	C4 THERAPEUTICS, INC.
2021361155	SIMPSON STRONG-TIE COMPANY INC.
2021363089	VECTURA DELIVERY DEVICES LIMITED
2021363135	INMED PHARMACEUTICALS INC.
2021363795	REDIS LTD.
2021364235	WON KWANG S&T CO., LTD.
2021364293	TONIX PHARMACEUTICALS HOLDING CORP.; TONIX PHARMACEUTICALS INC.
2021364550	REPLAY HOLDINGS, INC.
2021364904	FRED HUTCHINSON CANCER CENTER; MEMORIAL SLOAN KETTERING CANCER CENTER
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 2021405821 HYLER BV
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