



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Gutter Grip Australia Pty Ltd v Interit Pty Ltd [2025] APO 19

Patent: 2016222479

Title: Multi-component gutter bracket

Patentee: Interit Pty Ltd

Opponent: Gutter Grip Australia Pty Ltd

Delegate: Greg Powell

Decision Date: 30 June 2025

Hearing Date: 30 April 2025, by Video Conference

Catchwords: **PATENTS** – section 104 – opposition to amendment – subsections 102(1), 102(2)(a), 102(2)(b) – amendments do not insert matter that extends beyond the disclosure of originally filed specification – claims fall within the scope of the claims before amendment – no non-compliance with subsections 40(2) or (3) as a result of the amendment – amendments allowed – cost awarded against the opponent

Representation: Counsel for the patentee: Laura Thomas
Patent attorney for the patentee: Peer Watterson, Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
Counsel for the opponent: Peter Creighton-Selvay
Patent attorney for the opponent: Griffith Hack Melbourne

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 24 Jun 2025 .

(71) Adept Engineering Services Pty Ltd (21) 2025902640 (22) 26.06.2025 (54) Frame for reinforced concrete	(71) ANDON TECHNOLOGY PTY LTD (21) 2025902647 (22) 26.06.2025 (54) Artificial Intelligence System	(71) Biotron Limited (21) 2025902620 (22) 25.06.2025 (54) ANTI-VIRAL COMPOUNDS
(71) Adverto Pty Ltd (21) 2025902706 (22) 30.06.2025 (54) INTERACTIVE DIGITAL DISPLAY SYSTEMS AND METHODS FOR OUT-DOOR ADVERTISING	(71) ApothAI Pty Ltd (21) 2025902546 (22) 20.06.2025 (54) Artificial intelligence system	(71) Biotron Limited (21) 2025902621 (22) 25.06.2025 (54) ANTI-VIRAL COMPOUNDS
(71) Agriculture Victoria Services Pty Ltd; Horticulture Innovation Australia Limited (21) 2025902728 (22) 30.06.2025 (54) Improved pest management	(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2025902697 (22) 29.06.2025 (54) Portable Apparatus for Onsite Production of Soil Degradable Planting Containers	(71) Bolton, D. (21) 2025902696 (22) 29.06.2025 (54) A boilermaker's tool. A combination of a needle gun and an air blower
(71) Allman, S. (21) 2025902661 (22) 26.06.2025 (54) Invention Title: Protocol-Based Memory Simulation Architecture for Stateless Language Models Using Structured File Persistence and Session-Volatile Scratchpad	(71) Aussan Laboratories Pty Ltd (21) 2025902737 (22) 01.07.2025 (54) COMPOSITION AND METHOD FOR ENHANCING NUTRIENT FERTILIZERS WITH BIOFLAVENOIDS AND ORGANIC ACIDS	(71) Breville Pty Limited (21) 2025902714 (22) 30.06.2025 (54) Kitchen appliance
(71) Allman, S. (21) 2025902667 (22) 27.06.2025 (54) Protocol-Based System for Emulated Memory and Scratchpad Behavior in Stateless Language Models	(71) AUSTRALIA SMART GREEN BUILDING PTY LTD (21) 2025902649 (22) 26.06.2025 (54) AUSGB Concrete Non-removable Formwork Insulation and Decoration Composite System	(71) Bridgford, T. (21) 2025902663 (22) 26.06.2025 (54) PASS – PERIPHERAL ACCESS SUPPORT SCAFFOLD
(71) Allman, S. (21) 2025902695 (22) 29.06.2025 (54) Method and System for Stateless Execution of File-Governed Logic Using Insert-Only Task Routing and Tier-Enforced Identity Roles	(71) Austral Oceanic Services Pty Ltd (21) 2025902713 (22) 30.06.2025 (54) Methodology to improve the efficiency of combustion of a fuel and to reduce the toxic emissions from that combustion using water	(71) Brinetec Limited (21) 2025902660 (22) 26.06.2025 (54) CRYOGENIC DEHYDRATOR
(71) AMS IP Pty Ltd (21) 2025902654 (22) 26.06.2025 (54) Portable Bioreactor	(71) AUT Ventures Limited (21) 2025902748 (22) 01.07.2025 (54) An Improved Device and Process for Differential Capacitively Coupled Capture of Biopotential Signals	(71) Bulmash, J. (21) 2025902709 (22) 30.06.2025 (54) Fortune Forge Luckstream Optimizer: A Cryptocurrency Mining Optimization System with Dynamic Hardware Control and Predictive Market Analysis
		(71) Bushwakka Pty Ltd (21) 2025902609 (22) 24.06.2025 (54) AN AWNING ASSEMBLY
		(71) Caddy, V. (21) 2025902698 (22) 29.06.2025 (54) Process for Producing a Durable Surface Finish Material from Crumbed Tyre Material

Provisional Applications Filed - Name Index cont'd

(71) Calix Limited (21) 2025902680 (22) 27.06.2025 (54) PRODUCTION OF MAGNESIUM MET-AL	(71) Creanova Universal Closures Limited (21) 2025902679 (22) 27.06.2025 (54) Sports closure	(71) Freeman, A. (21) 2025902625 (22) 25.06.2025 (54) System and Method for Safe and Accurate Offline Fluid Sampling in Pressurised Equipment
(71) CAMPBELL, T. (21) 2025902701 (22) 29.06.2025 (54) DRYWALL REPAIR PATCH COM-POUND ASSIST DEVICE	(71) CSL Infrastructure Limited (21) 2025902656 (22) 26.06.2025 (54) ILLUMINATED ROAD MARKER, SYSTEM AND METHOD	(71) Gelomics Pty Ltd (21) 2025902655 (22) 26.06.2025 (54) Photo-crosslinking device, masking arrangement and lighting sub-system
(71) CARAVAN AND CAMPING AUS Pty Ltd (21) 2025902618 (22) 25.06.2025 (54) Drop-Down Corner Stabiliser for a Caravan	(71) CSR Building Products Limited (21) 2025902689 (22) 28.06.2025 (54) PERIMETER CEILING INSULATION SPACER	(71) Gillespie, J. (21) 2025902641 (22) 26.06.2025 (54) Spherical Photonic Random Number Generator
(71) Clifton Investments National Pty Ltd t/as Western Roofing Solutions (21) 2025902657 (22) 26.06.2025 (54) Load-Transferring Carrier for Corrugated Roofs	(71) Davies, P. (21) 2025902717 (22) 30.06.2025 (54) "Instant Chill" Beverage and Liquid Cooling Device	(71) Global Iodine Solutions Ltd (21) 2025902676 (22) 27.06.2025 (54) Antimicrobial and pesticidal formulations, methods of use and kits thereof
(71) C-Loop Power & Thermal Pty Ltd (21) 2025902642 (22) 26.06.2025 (54) Light and temperature control from sustainable bioenergy/low emissions technology for efficient microalgae cultivation and biomass processing	(71) DIAM DISPLAY AUSTRALIA PTY LTD (21) 2025902738 (22) 01.07.2025 (54) Display Assembly with Adjustable Dividers	(71) Good Crew Co PTY LTD (21) 2025902652 (22) 26.06.2025 (54) Open Cuff Bracelet Capable of Temporarily Securing a Garment
(71) C-Loop Power & Thermal Pty Ltd (21) 2025902643 (22) 26.06.2025 (54) Closed Loop Biorefinery Incorporating Water Conservation	(71) Earthtrack Group Pty Ltd (21) 2025902685 (22) 27.06.2025 (54) MODULAR POWER SYSTEM FOR A SOLAR LIGHTING TOWER	(71) GOTITMADE INVESTMENTS PTY LTD (21) 2025902733 (22) 01.07.2025 (54) SYSTEM AND METHOD FOR DATA ANALYSIS AND PREDICTION
(71) COALBED INNOVATIONS PTY LTD (21) 2025902666 (22) 27.06.2025 (54) METHODS AND APPARATUS FOR DETERMINING THE GAS CONTENT OF AN UNDERGROUND ROCK FORMATION	(71) Ecopha Biotech Pty Ltd (21) 2025902638 (22) 25.06.2025 (54) Poly(hydroxybutyrate)-Based Films for Drug Delivery Applications	(71) Grima, J. (21) 2025902668 (22) 27.06.2025 (54) Control System for Independent Actuation of Rail Wheel Assemblies
(71) Coman, P. (21) 2025902611 (22) 24.06.2025 (54) A CABLE WEIGHT	(71) Ferrier Industrial Limited (21) 2025902725 (22) 30.06.2025 (54) Transport Spacer Element	(71) Halter USA Inc. (21) 2025902673 (22) 27.06.2025 (54) System and method for power management
(71) Coogee Titanium Pty Ltd (21) 2025902536 (22) 20.06.2025 (54) Supply oxygen to the molten Mg	(71) Fitzgerald, B. (21) 2025902720 (22) 30.06.2025 (54) Handheld Sandworm Trap with Trigger-Activated Clamp Mechanism.	(71) HCLT LI PTY LTD (21) 2025902729 (22) 30.06.2025 (54) Modular Magnetic Cube Assembly System for Educational and Therapeutic Use
(71) CoolHed Pty Ltd (21) 2025902730 (22) 30.06.2025 (54) DEVICE AND METHOD FOR CEPHALOCERVICAL TEMPERATURE REGULATION	(71) Flatt, M. (21) 2025902705 (22) 30.06.2025 (54) A System and Method for Deterministic Energy Generation, Cryptography, and Computational Logic via a Modular Geometric Framework	HE, H. see ZENG, J. (21) 2025902715
(71) Corney, D.; Wells, C. (21) 2025902712 (22) 30.06.2025 (54) Portable, solar- powered hydroponic fodder production system.	(71) Flinders University (21) 2025902732 (22) 01.07.2025 (54) Gene Therapy for Vision Restoration	(71) Heffernan, C. (21) 2025902662 (22) 26.06.2025 (54) A wine dispenser
		(71) Heilan Daisy Pty Ltd (21) 2025902678 (22) 27.06.2025 (54) Drink Dispenser for a Golf Buggy

Provisional Applications Filed - Name Index cont'd

(71) Hemideina Pty Ltd
(21) 2025902731 (22) 01.07.2025
(54) Intraoperative device

**Horticulture Innovation Australia Limited
see Agriculture Victoria Services Pty Ltd**
(21) 2025902728

(71) Illinois Tool Works Inc.
(21) 2025902622 (22) 25.06.2025
(54) A joint edge protection apparatus –
edge protection second pour bracket

(71) IWI Australia Pty Limited
(21) 2025902721 (22) 30.06.2025
(54) AZOLE DESTRUCTION

(71) Jafari, F.
(21) 2025902702 (22) 29.06.2025
(54) Smart Urban Van-Pooling platform with
dynamic pricing.

Jaggard, D. see Ricks, F.
(21) 2025902700

(71) Janetski, N.
(21) 2025902613 (22) 24.06.2025
(54) Rubble Stitching: A Method for Coral
Rubble Stabilization using Underwater
3D Concrete Printing

(71) JMX Audio Pty Ltd
(21) 2025902619 (22) 25.06.2025
(54) Motorized Linear Fader Device and
Methods of Use

(71) Jooules Limited
(21) 2025902639 (22) 25.06.2025
(54) Bioprocessing methods and systems
for single cell protein production

(71) KC8 CAPTURE TECHNOLOGIES LTD
(21) 2025902648 (22) 26.06.2025
(54) AN ABSORBENT SOLUTION AND
PROCESS

(71) Knog Pty Ltd
(21) 2025902632 (22) 25.06.2025
(54) Bell for a bicycle

(71) Kyan, E.
(21) 2025902716 (22) 30.06.2025
(54) Halomind (AI-Powered Emotional Well-
ness and Spiritual Support Ecosystem
with Real-Time Personalisation, Offline
Capability, and Emergency Auto-Alert
Integration)

(71) Kyan, E.
(21) 2025902718 (22) 30.06.2025
(54) Lifeline Hub (Multifunctional, Self-
Powered, AI-Enabled Survival and Edu-
cation Device) combines multiple hu-
manitarian tools — such as offline ar-
tificial intelligence, water purification,
emergency signalling, lighting, local
safety alert reception, and solar energy
— into a single compact device usable
by individuals in remote or crisis enviro-
nments.

(71) leary, p.
(21) 2025902614 (22) 25.06.2025
(54) Title- Staddy Caddy The Staddy Caddy
is an invention I came up with about
3 months ago at the AFL. The Staddy
Caddy is a foldable drinks (and op-
tional food also) carrier. The Staddy
Caddy, when in folded state will fit in
someone's pocket. When unfolded the
staddy caddy will have either 2 or 4 cup
holders and have hooks to hook on to
the seat in front of you at a stadium.
The cup holders will align long ways
as oppose to two then two like a 4 cup
coffee tray to ensure they don't block
two much of the passage for people to
walk past. The 'Staddy Caddy' can be in
plain or merchandise colours

(71) Lee, D.
(21) 2025902636 (22) 25.06.2025
(54) apparatus for simultaneous distillation
and esterification though depressurisa-
tion and cavitation

(71) Leisure Time Pool Maintenance
(21) 2025902629 (22) 25.06.2025
(54) Motorised Vacuum Head for Swimming
Pools

(71) LINTTAS Electric Company Pty. Ltd.
(21) 2025902628 (22) 25.06.2025
(54) A COMBINE HARVESTER

(71) Macdonald, J.
(21) 2025902615 (22) 25.06.2025
(54) System for Enhancing Inland Rain-
fall Using Buoyant Aerofoil-Supported
Shrouds

(71) Macdonald, J.
(21) 2025902734 (22) 01.07.2025
(54) Flow-actuated bubble veil system

(71) Mackay, A.
(21) 2025902672 (22) 27.06.2025
(54) Sway Bed Mechanism

(71) Maglock Pty Ltd
(21) 2025902637 (22) 25.06.2025
(54) Mounting Device

(71) Maksimovic, S.
(21) 2025902616 (22) 25.06.2025
(54) System and Method for Automated Ex-
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(71) Mangone, F.
(21) 2025902745 (22) 01.07.2025
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(71) Manuflo Pty Ltd
(21) 2025902623 (22) 25.06.2025
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(71) Marschall, M.
(21) 2025902650 (22) 26.06.2025
(54) SYSTEMS AND METHODS FOR CON-
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(71) Massee, J.
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(54) A Multi-functional Civic Engagement
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(71) Matthews, L.
(21) 2025902653 (22) 26.06.2025
(54) Plastic Modular Personal Transport
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(71) May, G.
(21) 2025902719 (22) 30.06.2025
(54) Magnetically Controlled Motorbike Slot-
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(71) Mclackland, T.
(21) 2025902631 (22) 25.06.2025
(54) A system and method for assessing,
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(71) Metal Manufactures Pty Limited
(21) 2025902671 (22) 27.06.2025
(54) FINIAL JUNCTION BOX

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(71) Meteoric Resources NL
(21) 2025902727 (22) 30.06.2025
(54) A PROCESS AND APPARATUS FOR EXTRACTING RARE EARTH ELEMENTS

(71) MNF Enterprises Pty Ltd
(21) 2025902739 (22) 01.07.2025
(54) A LOCK ARRANGEMENT

(71) Morton, M.
(21) 2025902690 (22) 28.06.2025
(54) Flash-Chill Beverage Cooling Unit

(71) Neurala Biosciences Pty Ltd
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(54) Composition and method for preparing a harmala alkaloid

(71) NewSouth Innovations Pty Limited
(21) 2025902711 (22) 30.06.2025
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(71) Nova Eye, Inc.
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(54) Braid reinforced microcatheter

(71) Ofanoa, H.
(21) 2025902704 (22) 29.06.2025
(54) "Real-Time GPS Locator & Ordering App for Mobile Food Vendors"

(71) ologhlen, h.
(21) 2025902686 (22) 27.06.2025
(54) universal data map

(71) Oxiwai Limited
(21) 2025902665 (22) 27.06.2025
(54) GROUNDWATER PURIFICATION VESSEL, SYSTEM AND PROCESS

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(21) 2025902697

(71) Pascoe, S.
(21) 2025902691 (22) 28.06.2025
(54) SoulAIS Nucleus: Emotion-Aware AI Audio Governance and Trust Arbitration System

(71) Pascoe, S.
(21) 2025902692 (22) 28.06.2025
(54) SoulAIS Pulse – Autonomous Acoustic Optimization System

(71) Phasor Quantum Pty. Ltd.
(21) 2025902722 (22) 30.06.2025
(54) MODULATED BIAS SOLID-STATE SPIN MAGNETOMETER SYSTEM AND METHOD

(71) Phillips, B.
(21) 2025902684 (22) 27.06.2025
(54) A Method for Filtering Electronic Messages

(71) PHI-R KERNEL IP PTY LTD
(21) 2025902627 (22) 25.06.2025
(54) Contradiction-Recursive Symbolic System with Terminal Collapse Convergence and Morphic Survivability Structure

(71) PIYA, J.
(21) 2025902747 (22) 01.07.2025
(54) Tech4 Safety is an application used to save eyes of individuals who spend long hours on screen

(71) Powa Corporation Pty Ltd
(21) 2025902651 (22) 26.06.2025
(54) Bike Rack

(71) Pring, G.
(21) 2025902707 (22) 30.06.2025
(54) Control of damage to non-structural building elements

(71) ProGenis Pty Ltd
(21) 2025902630 (22) 25.06.2025
(54) Antisense Oligomer Compositions for Conditions Associated with ALK4 and/or ALK5

(71) R & T (AUSTRALIA) PTY LTD
(21) 2025902645 (22) 26.06.2025
(54) High level production of Ergothioneine in a natural Trichoderma reesei through ARTP mutation and optimization of fermentation

(71) Ribber, M.
(21) 2025902688 (22) 28.06.2025
(54) AN INTERCONNECTABLE SYSTEM OF LIGHT GAUGE STEEL FRAME PARTS

(71) Rich, G.
(21) 2025902626 (22) 25.06.2025
(54) A System and Method for Creating Immutable, Self-Verifying Digital Objects with Deterministic, Multi-Layered Integrity Signatures.

(71) Ricks, F.; Jaggard, D.
(21) 2025902700 (22) 29.06.2025
(54) Job Matching Algorithm for Job Seekers and Companies based on Profession, Location and Experience

(71) RINNAI NEW ZEALAND LIMITED
(21) 2025902624 (22) 25.06.2025
(54) ENERGY PROVISION FOR CONSUMERS

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(71) Rostas, J.
(21) 2025902724 (22) 30.06.2025
(54) Analog Control System and Method Using Harmonic Phase Logic to Perform PID-Equivalent Functions

(71) Saunders, T.
(21) 2025902694 (22) 28.06.2025
(54) Chewing Gum for Throat Relief with Topical Anaesthetic

(71) Saunders, T.
(21) 2025902708 (22) 30.06.2025
(54) Topical Anaesthetic Delivery via Oral Chewing Medium for Discreet Oropharyngeal and Intraoral Relief

(71) Seeing Machines Limited
(21) 2025902677 (22) 27.06.2025
(54) IN-VEHICLE ORIENTATION MEASUREMENT FROM IMU SENSOR

(71) Shah, C.
(21) 2025902664 (22) 27.06.2025
(54) System and Method for a Personalised AI Digital Twin with Adaptive Persona and Autonomous Task Execution

(71) SNOWDON CONSULTING LIMITED
(21) 2025902608 (22) 24.06.2025
(54) PRESSURE VESSEL AND METHOD OF MANUFACTURING THEREOF

(71) SOUTHERN INNOVATION INTERNATIONAL PTY LTD
(21) 2025902635 (22) 25.06.2025
(54) Measurement of input count rate and material characterisation

(71) Spinosa, E.
(21) 2025902659 (22) 26.06.2025
(54) Electric Skateboard with Configurable Deck and Stability Enhancements

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(71) Subsidia Pty Ltd
(21) 2025902669 (22) 27.06.2025
(54) An interactive learning computer game

(71) The University of Melbourne
(21) 2025902681 (22) 27.06.2025
(54) COMPOUNDS AND USES THEREOF

(71) The University of Queensland
(21) 2025902658 (22) 26.06.2025
(54) Biobeads for wastewater treatment

(71) The University of Queensland
(21) 2025902682 (22) 27.06.2025
(54) Measuring biological activity

(71) TNBT Holdings Pty Limited
(21) 2025902744 (22) 01.07.2025
(54) Turn Mechanism for Lock

(71) Treasury Wine Estates Limited
(21) 2025902633 (22) 25.06.2025
(54) Aroma processing

(71) Treasury Wine Estates Limited
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(54) Aroma processing

(71) Trifilosofi Lifestyle Australia Pty Ltd
(21) 2025902726 (22) 30.06.2025
(54) A CORE FOR A MATTRESS

(71) Trustee for PIUS IX
(21) 2025902693 (22) 28.06.2025
(54) Pizza Warming Device

(71) TS&B Retail Systems Pty Ltd
(21) 2025902710 (22) 30.06.2025
(54) Systems and Methods of Anti-Theft Cabinets

(71) Vippond, A.; Robinson, J.
(21) 2025902675 (22) 27.06.2025
(54) RECOVERY OF NON-DEGRADED, CONTAMINATION-FREE SILICON MATERIAL FROM SOLAR PANELS

(71) Volt Verify Pty Ltd
(21) 2025902703 (22) 29.06.2025
(54) ELECTRICAL SAFETY DEVICE AND SYSTEM

(71) WEIR MINERALS AUSTRALIA LTD
(21) 2025902644 (22) 26.06.2025
(54) DYNAMIC AIR CLASSIFIER

(71) WEIR MINERALS AUSTRALIA LTD
(21) 2025902670 (22) 27.06.2025
(54) SEAL PROTECTOR FOR A CENTRIFUGAL PUMP

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(71) Williams, J.E.
(21) 2025902699 (22) 29.06.2025
(54) Ethics-Gated Vault Execution System for Offline Biometric-Seeded Task Verification

(71) Yoorooga Property Pty Ltd
(21) 2025902683 (22) 27.06.2025
(54) BALLASTED MOUNTING SYSTEM FOR PHOTOVOLTAIC PANELS

(71) ZENG, J.; NIKFARJAM, M.; HE, H.
(21) 2025902715 (22) 30.06.2025
(54) VACCINE AND METHOD OF TREATMENT

(71) Zetifi Pty Ltd
(21) 2025902612 (22) 24.06.2025
(54) MOUNT ASSEMBLY

(71) Zulaikha, J.
(21) 2025902687 (22) 27.06.2025
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- . (*) Title not in Roman characters
- . (**) Title not given

(71) 3KM PTE. LTD. (21) 2025204874 (22) 27.06.2025 (54) SCOOTER	(71) Alvotech hf (21) 2025204773 (22) 25.06.2025 (54) Pharmaceutical formulations for adalimumab	(71) Aristocrat Technologies, Inc. (21) 2025204997 (22) 30.06.2025 (54) MULTI-LEVEL WHEEL WITH SECONDARY WHEELS CORRESPONDING TO OUTCOMES TO THE PRIMARY WHEEL
(71) AbbVie Inc. (21) 2025205010 (22) 01.07.2025 (54) Processes for the preparation of (3S,4R)-3-ethyl-4-(3H-imidazo[1,2-a]pyrrolo[2,3-e]-pyrazin-8-yl)-N-(2,2,2-trifluoroethyl)pyrrolidine-1-carboxamide and solid state forms thereof	(71) Ambrx, Inc. (21) 2025204809 (22) 26.06.2025 (54) Humanized anti-prostate-specific membrane antigen (PSMA) antibody drug conjugates	(71) Aristocrat Technologies Australia Pty Limited (21) 2025204794 (22) 25.06.2025 (54) GAMING MACHINE AND METHOD FOR DISPLAYING AN EXPANDED PLURALITY OF ACTIVE SYMBOLS ON A MECHANICAL REEL
(71) Abiomed, Inc. (21) 2025204876 (22) 27.06.2025 (54) Using natural language processing to find adverse events	(71) Amgen Inc. (21) 2025204817 (22) 26.06.2025 (54) Robotic system for performing pattern recognition-based inspection of pharmaceutical containers	(71) Aristocrat Technologies Australia Pty Limited (21) 2025204887 (22) 27.06.2025 (54) SKILL-BASED WAGERING MACHINE PROVIDING A PREDETERMINED RETURN-TO-PLAYER
(71) Abyss Defense Industries Inc. (21) 2025204866 (22) 27.06.2025 (54) Systems and methods of ship construction	(71) Amgen Inc. (21) 2025204920 (22) 30.06.2025 (54) Magnetic assisted separation apparatuses and related methods	(71) Aristocrat Technologies Australia Pty Limited (21) 2025204894 (22) 27.06.2025 (54) PROVIDING A PREDETERMINED RETURN-TO-PLAYER FOR A SKILL-BASED WAGERING MACHINE
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(71) Ashfak, S.
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(54) String Converter

(71) AYPM PTY LTD
(21) 2025204873 (22) 27.06.2025
(54) Streamlining the Patient Recovery Journey: Automating Pathology Specimen Booking Through Intelligent Fleet Management

(71) Barjoh Pty Ltd
(21) 2025204879 (22) 27.06.2025
(54) Retrieval Trailer

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(71) Block, Inc.
(21) 2025204776 (22) 25.06.2025
(54) Thermo-sensitive payment card

(71) BLUE ECONOMY CRC-CO LTD
(21) 2025204801 (22) 25.06.2025
(54) A coupling

(71) Borodic, G.
(21) 2025204869 (22) 27.06.2025
(54) Novel Method of Treating Macular Degeneration

(71) Boston Scientific Neuromodulation Corporation
(21) 2025204897 (22) 27.06.2025
(54) Paresthesia-free spinal cord stimulation occurring at lower frequencies involving perception threshold determinations

(71) Buzzelet Development And Technologies Ltd.
(21) 2025204925 (22) 30.06.2025
(54) Terpene-enriched cannabinoid composition and method of treatment for treating conditions and/or symptoms associated with autism spectrum disorder

(71) BYD COMPANY LIMITED
(21) 2025205003 (22) 30.06.2025
(54) Steering angle limiting mechanism, and vehicle steering system and vehicle having same

(71) CaaMTech, Inc.
(21) 2025204889 (22) 27.06.2025
(54) Crystalline norpsilocin compounds

(71) Calabrio, Inc.
(21) 2025204888 (22) 27.06.2025
(54) Devices, systems, and methods for intelligent determination of conversational intent

(71) Canon Kabushiki Kaisha
(21) 2025204902 (22) 27.06.2025
(54) Method, apparatus and system for encoding and decoding a tensor

(71) CareFusion 303, Inc.
(21) 2025204769 (22) 20.06.2025
(54) SYSTEM FOR MONITORING DOSE PATTERN AND PATIENT RESPONSE

(71) CareFusion 303, Inc.
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(54) Ingress protective seal

(71) CASCO Europe Limited
(21) 2025204819 (22) 26.06.2025
(54) Veterinary Environment Control System

(71) Centessa Pharmaceuticals (UK) Limited
(21) 2025204808 (22) 26.06.2025
(54) BINDING AGENTS

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(21) 2025204934

(71) Chi, K.
(21) 2025204923 (22) 30.06.2025
(54) Apparatus for rolling ring-shaped object

(71) China Wonderland Nurserygoods Co., Ltd.
(21) 2025204792 (22) 25.06.2025
(54) Baby Bed

(71) CLARA ANALYTICS, INC.
(21) 2025204610 (22) 19.06.2025
(54) Provider performance scoring using supervised and unsupervised learning

(71) Commonwealth Bank of Australia
(21) 2025204862 (22) 27.06.2025
(54) Systems and methods for translating non-natural language data into natural language data

(71) ConMed Corporation
(21) 2025204932 (22) 30.06.2025
(54) Traction tower trap and finger trap system

(71) CREDIT CLEAR INTERNATIONAL PTY LTD
(21) 2025204868 (22) 27.06.2025
(54) Method and system for receiving a debt payment

(71) C THE SIGNS LIMITED
(21) 2025204893 (22) 27.06.2025
(54) MEDICAL TREATMENT SELECTOR

(71) Curtin University
(21) 2025204760 (22) 24.06.2025
(54) STRUCTURED PACKING

(71) Daiichi Sankyo Company, Limited
(21) 2025204924 (22) 30.06.2025
(54) Method for treating EGFR-TKI-resistant non-small cell lung cancer by administration of anti-HER3 antibody-drug conjugate

(71) Daikyo Seiko, Ltd.
(21) 2025204783 (22) 25.06.2025
(54) Rubber plug

(71) Dana-Farber Cancer Institute, Inc.
(21) 2025204787 (22) 25.06.2025
(54) COMPOSITIONS, ASSAYS, AND METHODS FOR TARGETING HDM2 AND HDMX TO REVERSE THE INHIBITION OF p53 IN PEDIATRIC CANCERS

(71) Dayman, O.
(21) 2025205018 (22) 01.07.2025
(54) Device for Cleaning Trowel Blades

(71) Deere & Company
(21) 2025204858 (22) 27.06.2025
(54) A sugarcane harvester including a cleaning system having converging-diverging nozzles

(71) Dexcom, Inc.; Verily Life Sciences LLC
(21) 2025204756 (22) 24.06.2025
(54) Systems and methods for enabling NFC communications with a wearable biosensor

(71) DLR Newco Limited
(21) 2025204930 (22) 30.06.2025
(54) A security sheet

(71) Dolby International AB
(21) 2025204791 (22) 25.06.2025
(54) Backward-compatible integration of high frequency reconstruction techniques for audio signals

Complete Applications Filed - Name Index cont'd

(71) Dolby International AB
(21) 2025205015 (22) 01.07.2025
(54) Improved Harmonic Transposition

(71) Donaldson Company, Inc.
(21) 2025204917 (22) 30.06.2025
(54) Liquid filter arrangement and methods

(71) Dryden, A.
(21) 2025204909 (22) 28.06.2025
(54) Highchair Docking Station With Interchangeable Plates

(71) Duffy, M.
(21) 2025204786 (22) 25.06.2025
(54) PTO/HYDRAULICS COUPLING DEVICE

(71) EASI B2B AB
(21) 2025204872 (22) 27.06.2025
(54) PURCHASE MANAGEMENT SYSTEM AND METHOD

(71) Eavor Technologies Inc
(21) 2025204880 (22) 27.06.2025
(54) METHOD FOR FORMING HIGH EFFICIENCY GEOTHERMAL WELLBORES

(71) Echo 360, Inc.
(21) 2025204921 (22) 30.06.2025
(54) METHODS AND APPARATUS FOR AN EMBEDDED APPLIANCE

(71) ECP Entwicklungsgesellschaft mbH
(21) 2025204853 (22) 27.06.2025
(54) Catheter device with a drive shaft cover

(71) EditForce, Inc.; Kyushu University, National University Corporation
(21) 2025204992 (22) 30.06.2025
(54) EFFICIENT METHOD FOR PREPARING PPR PROTEIN AND USE OF THE SAME

(71) Endo Global Aesthetics Limited
(21) 2025204915 (22) 30.06.2025
(54) COLLAGENASE FORMULATIONS AND METHODS OF PRODUCING THE SAME

(71) Enespa Technologies AG
(21) 2025204779 (22) 25.06.2025
(54) Heating elements of a heater controlled by a frequency converter for heating a substance or substance mixture in a device

(71) Enologica Vason S.p.A
(21) 2025204767 (22) 24.06.2025

(54) Process for treating a vine cultivation and use of an inactivated yeast or derivative thereof for treating a vine cultivation

(71) Exel Industries
(21) 2025205022 (22) 01.07.2025
(54) Mobile robotic platform, particularly designed to move between two rows of vines

(71) Fasteners For Retail, Inc.
(21) 2025204835 (22) 26.06.2025
(54) SHELVING SYSTEM AND METHODS

(71) Fate Therapeutics, Inc.
(21) 2025204863 (22) 27.06.2025
(54) Cellular reprogramming using temporal and transient plasmid vector expression system

(71) FELDAN BIO INC.
(21) 2025204994 (22) 30.06.2025
(54) PEPTIDE-BASED TRANSDUCTION OF NON-ANIONIC POLYNUCLEOTIDE ANALOGS FOR GENE EXPRESSION MODULATION

(71) Figene, LLC
(21) 2025204816 (22) 26.06.2025
(54) Fibroblasts and microvesicles thereof for reduction of toxicity associated with cancer immunotherapy

(71) Fisher & Paykel Healthcare Limited
(21) 2025204774 (22) 25.06.2025
(54) NASAL CANNULA AND SECUREMENT SYSTEM

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2025204859 (22) 27.06.2025
(54) CONNECTIONS FOR HUMIDIFICATION SYSTEM

(71) Fortescue Zero Limited
(21) 2025205024 (22) 01.07.2025
(54) FRAMEWORK MEMBER

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(21) 2025204993 (22) 30.06.2025
(54) Method and apparatus for efficient delivery and usage of audio messages for high quality of experience

(71) Genting TauRx Diagnostic Centre Sdn Bhd
(21) 2025204762 (22) 24.06.2025
(54) Network methods for neurodegenerative diseases

(71) Genzyme Corporation
(21) 2025204826 (22) 26.06.2025
(54) Fc variants with enhanced binding to FcRn and prolonged half-life

(71) Gilead Sciences, Inc.
(21) 2025204785 (22) 25.06.2025
(54) Methods for treating Arenaviridae and Coronaviridae virus infections

(71) Gilead Sciences, Inc.
(21) 2025204882 (22) 27.06.2025
(54) Quinoline derivatives as alpha4beta7 integrin inhibitors

(71) GIRNET INTERNACIONAL, S.L
(21) 2025204815 (22) 26.06.2025
(54) METHOD FOR CLOSING A MESH BAG AND BAG OBTAINABLE BY MEANS OF SAID METHOD

(71) Glaukos Corporation
(21) 2025204784 (22) 25.06.2025
(54) Implants with controlled drug delivery features and methods of using same

(71) Greenzone Pest Innovations Pty Ltd
(21) 2025204903 (22) 27.06.2025
(54) Termite Perimeter System

(71) GUANGDONG WORLDPLUG TECHNOLOGY CO.,LTD
(21) 2025205013 (22) 01.07.2025
(54) Pin combined structure for power converter with smaller volume

(71) GUANGDONG WORLDPLUG TECHNOLOGY CO.,LTD
(21) 2025205016 (22) 01.07.2025
(54) Pin combined structure for power converter with more compact volume

(71) Hanwha Azdel, Inc.
(21) 2025205012 (22) 01.07.2025
(54) CORE LAYERS AND COMPOSITE ARTICLES WITH A VARIABLE BASIS WEIGHT

(71) Hanwha TotalEnergies Petrochemical Co., Ltd.
(21) 2025204861 (22) 27.06.2025
(54) POLYETHYLENE RESIN COMPOSITION, METHOD OF PREPARING THE SAME, AND ARTICLE PRODUCED THEREFROM

(71) Hartley, R.
(21) 2025205004 (22) 01.07.2025
(54) Vector multiplication without multipliers

Complete Applications Filed - Name Index cont'd

(71) Hunt, R.
(21) 2025204854 (22) 27.06.2025
(54) Toilet sealing device

(71) Hutt Concrete Products (2015) Ltd
(21) 2025205006 (22) 01.07.2025
(54) Manhole Cover

(71) IGT
(21) 2025204838 (22) 26.06.2025
(54) SYSTEM AND METHOD FOR PROVIDING ACCESS TO CRYPTOCURRENCY FROM A GAMING ESTABLISHMENT ACCOUNT

(71) Illinois Tool Works Inc.
(21) 2025204811 (22) 26.06.2025
(54) Anti-fog and substrate cleaning composition and process for the use thereof

(71) IMMUNITYBIO, INC.
(21) 2025204845 (22) 26.06.2025
(54) HIGHLY POTENT M-CENK CELLS AND METHODS

(71) Impact Biomedicines, Inc.
(21) 2025204914 (22) 30.06.2025
(54) METHODS OF TREATING MYELOPROLIFERATIVE DISORDERS

(71) Incitec Fertilisers Operations Pty Ltd
(21) 2025204878 (22) 27.06.2025
(54) An Inhibitor for use in agriculture

(71) INCYTE HOLDINGS CORPORATION
(21) 2025204814 (22) 26.06.2025
(54) HETEROCYCLYLAMINES AS PI3K INHIBITORS

INSERM (Institut National de la Santé et de la Recherche Médicale) see Institut Curie
(21) 2025204934

(71) Institut Curie; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National de la Recherche Scientifique - CNRS; Institut Pasteur
(21) 2025204934 (22) 30.06.2025
(54) Interleukin-2 variants with modified biological activity

(71) Institute of Subtropical Agriculture, Chinese Academy of Sciences
(21) 2025204856 (22) 27.06.2025
(54) FEED FORMULA AND FATTENING METHOD FOR IMPROVING GROWTH PERFORMANCE AND MEAT QUALITY OF BEEF CATTLE

Institut Pasteur see Institut Curie
(21) 2025204934

(71) IntraBio Ltd.
(21) 2025204995 (22) 30.06.2025
(54) Leucine, acetyl leucine, and related analogs for treating disease

(71) Joy Global Underground Mining LLC
(21) 2025204803 (22) 25.06.2025
(54) Rock cutting assembly

(71) KABOCHA INNOVATIONS LIMITED
(21) 2025204833 (22) 26.06.2025
(54) A PLANT PROTEIN COMPOSITION, METHODS AND USES THEREOF

(71) Kalerm Technology (Suzhou) Co., Ltd
(21) 2025204906 (22) 27.06.2025
(54) BEVERAGE MACHINE

(71) Karl Leibinger Asset Management GmbH & Co. KG
(21) 2025204846 (22) 26.06.2025
(54) IMPLANT FOR REPLACING OR FILLING A DEFECT OF A FLAT BONE AND METHOD FOR PRODUCING SUCH AN IMPLANT

(71) Katana Foundations Australia Pty Ltd
(21) 2025204895 (22) 27.06.2025
(54) IMPROVED FLOORING ADJUSTMENT SYSTEM

(71) KATO, K.
(21) 2025204913 (22) 29.06.2025
(54) DIFFERENTIAL DISEASE SEARCH SYSTEM, DIFFERENTIAL DISEASE SEARCH PROGRAM, AND DIFFERENTIAL DISEASE SEARCH METHOD

(71) Kiniksa Pharmaceuticals, Ltd.
(21) 2025204999 (22) 30.06.2025
(54) Stable anti-OSMR antibody formulation

(71) Kocibelli, I.
(21) 2025204807 (22) 26.06.2025
(54) TRUSTHUB#X#OS™ – A MODULAR WALLET-BASED DIGITAL IDENTITY AND AUTOMATION FRAMEWORK

(71) Kocibelli, I.
(21) 2025204912 (22) 29.06.2025
(54) TRUSTLEDGER™: A MODULAR SYSTEM FOR ATTRIBUTION, LICENSING, AND ROYALTY ENFORCEMENT OF AI-GENERATED AND HUMAN-CREATED CONTENT

(71) Komatsu Ltd.
(21) 2025204922 (22) 30.06.2025
(54) Unmanned vehicle, system of controlling unmanned vehicle, and method of controlling unmanned vehicle

(71) Kronos Aerial Photography Ltd
(21) 2025205002 (22) 30.06.2025
(54) MARKER BALL MOUNTING DEVICE, AND MARKER BALL DEPLOYMENT SYSTEM AND METHOD

(71) KWS SAAT SE & Co. KGaA; BASF SE
(21) 2025204832 (22) 26.06.2025
(54) Regeneration of genetically modified plants

Kyushu University, National University Corporation see EditForce, Inc.
(21) 2025204992

(71) Kyushu University, National University Corporation
(21) 2025204996 (22) 30.06.2025
(54) METHOD FOR DESIGNING RNA BINDING PROTEIN UTILIZING PPR MOTIF, AND USE THEREOF

(71) KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION; SUMITOMO METAL MINING CO., LTD.
(21) 2025204929 (22) 30.06.2025
(54) Mineral processing method

(71) Lee, D.
(21) 2025204805 (22) 25.06.2025
(54) Apparatus and Method for Simultaneous Alcohol Distillation and Esterification

(71) LG Electronics Inc.
(21) 2025205008 (22) 01.07.2025
(54) METHOD AND DEVICE FOR SIGNALING INFORMATION ON CHROMA FORMAT

(71) LG ELECTRONICS INC.
(21) 2025205014 (22) 01.07.2025
(54) Laundry treatment apparatus

(71) Lionweld Kennedy Flooring Limited
(21) 2025204884 (22) 27.06.2025
(54) Resin-based flooring product, process, and composition

(71) Lucid Software, Inc
(21) 2025204830 (22) 26.06.2025
(54) Dynamic Graphical Containers

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(71) MAF Agrobotic
(21) 2025204891 (22) 27.06.2025
(54) METHOD AND DEVICE FOR OPTICALLY ANALYSING FRUIT OR VEGETABLES AND DEVICE FOR AUTOMATIC SORTING

Massachusetts Institute of Technology see The Broad Institute, Inc.
(21) 2025204898

(71) MasterCard International Incorporated
(21) 2025204928 (22) 30.06.2025
(54) Methods and systems for secure product tracking data storage and verification

(71) Max-Inf (Ningbo) Baby Product Co., Ltd.
(21) 2025204847 (22) 26.06.2025
(54) Multifunctional Side Impact Block Control System And Child Safety Seat Comprising Same

(71) Memorial Sloan Kettering Cancer Center
(21) 2025204844 (22) 26.06.2025
(54) A33 antibody compositions and methods of using the same in radioimmunotherapy

(71) Merus N.V.
(21) 2025204836 (22) 26.06.2025
(54) Combinations of binding moieties that bind EGFR, HER2 and HER3.

(71) Merus N.V.
(21) 2025204857 (22) 27.06.2025
(54) Producing compositions comprising two or more antibodies

(71) Merus N.V.
(21) 2025204877 (22) 27.06.2025
(54) CD3 binding molecules

(71) Metso Finland Oy
(21) 2025204802 (22) 25.06.2025
(54) System for Forecasting Wear and a Wear Sensor

(71) MFTB Holdco, Inc.
(21) 2025204823 (22) 26.06.2025
(54) Automated generation and use of visual models of buildings using at least captured external imagery

(71) Milwaukee Electric Tool Corporation
(21) 2025204813 (22) 26.06.2025
(54) Circular saw blade

(71) Moduplay Group Pty Ltd.
(21) 2025204761 (22) 24.06.2025
(54) Coupling device

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025204795 (22) 25.06.2025
(54) MANNED MOWER

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025204796 (22) 25.06.2025
(54) OUTDOOR TRAVELING DEVICE

(71) NATIONAL INSTITUTES FOR QUANTUM SCIENCE AND TECHNOLOGY
(21) 2025204865 (22) 27.06.2025
(54) Method for producing inorganic solution, and apparatus for producing inorganic solution

(71) Navico Group Americas LLC
(21) 2025204998 (22) 30.06.2025
(54) Operator interface devices for marine vessels

(71) Ningbo Baby First Baby Products Co., Ltd.
(21) 2025204849 (22) 26.06.2025
(54) Electric Control Method And Apparatus For Safety Seat, And Safety Seat

(71) Nocira, LLC
(21) 2025204885 (22) 27.06.2025
(54) External ear canal pressure regulation device

(71) NON-CONDUCTIVE SPIGOTS PTY LTD
(21) 2025204890 (22) 27.06.2025
(54) A POOL SKIMMER LID ASSEMBLY

(71) Nordic Lights Oy
(21) 2025204825 (22) 26.06.2025
(54) OPTICAL ELEMENT, LIGHTING UNIT, AND VEHICLE

(71) Novamera Inc.
(21) 2025204778 (22) 25.06.2025
(54) METHOD AND SYSTEM FOR MINING

Novartis AG see The Trustees of the University of Pennsylvania
(21) 2025204916

(71) Novo Nordisk A/S
(21) 2025204821 (22) 26.06.2025
(54) SOLID COMPOSITIONS COMPRISING A GLP-1 AG-

ONIST, A SALT OF N-(8-(2-HYDROXYBENZOYL)AMINO)CAPRYLIC ACID AND A LUBRICANT

(71) Novo Nordisk A/S; Pearce IP Pty Ltd
(21) 2025204852 (22) 27.06.2025
(54) SOLID COMPOSITIONS COMPRISING A GLP-1 AGONIST AND A SALT OF N-(8-(2-HYDROXYBENZOYL)AMINO)CAPRYLIC ACID

(71) Nuctech Company Limited; Tsinghua University
(21) 2025204886 (22) 27.06.2025
(54) Data acquisition method and system for static computed tomography, and CT device

(71) o'loghlen, h.
(21) 2025204911 (22) 28.06.2025
(54) universal data map

(71) Ocado Innovation Limited
(21) 2025204812 (22) 26.06.2025
(54) A Grid Framework Structure

(71) Ocumetics Technology Corp.
(21) 2025205009 (22) 01.07.2025
(54) A HYBRID ACCOMMODATING INTRA-OCULAR LENS AND METHOD OF USE THEREOF

(71) Ohio State Innovation Foundation
(21) 2025204758 (22) 24.06.2025
(54) COMPOSITIONS AND METHODS FOR THE ASSESSMENT OF SOIL QUALITY

(71) One World LED Pty Ltd
(21) 2025204850 (22) 26.06.2025
(54) MEDIA CONTROL METHOD AND SYSTEM

(71) Panduit Corp.
(21) 2025204775 (22) 25.06.2025
(54) Protective sleeve systems and methods of assembling

Pearce IP Pty Ltd see Novo Nordisk A/S
(21) 2025204852

Pfizer Inc. see Verastem, Inc.
(21) 2025204843

(71) Pharmacare Limited
(21) 2025204864 (22) 27.06.2025
(54) Packaging unit and a novel method for packing a product using said packaging unit

Complete Applications Filed - Name Index cont'd

**President and Fellows of Harvard College
see The Broad Institute, Inc.**

(21) 2025204898

(71) PROGRESS RAIL LOCOMOTIVE INC.

(21) 2025204818 (22) 26.06.2025

(54) POWER ASSEMBLY CRAB PLATE
FOR ENGINE

(71) Quartus Engineering, Inc.

(21) 2025204828 (22) 26.06.2025

(54) STERILIZABLE WIRELESS COMMU-
NICATION DEVICES

(71) Qurient Co., Ltd.

(21) 2025204851 (22) 27.06.2025

(54) Different forms of 6-
chloro-2-ethyl-N-(4-(4-(4-
(trifluoromethoxy)phenyl)piperidine-1-
yl)benzyl)imidazo[1,2-a]pyridine-3-car-
boxamide

(71) Regeneron Pharmaceuticals, Inc.

(21) 2025204933 (22) 30.06.2025

(54) Compositions and methods for detect-
ing a biological contaminant**Regenxbio Inc. see The Trustees of the
University of Pennsylvania**

(21) 2025204780

(71) RINNAI CORPORATION

(21) 2025204918 (22) 30.06.2025

(54) Gas burner unit and heat-cooking ap-
paratus provided with the same

(71) RoofSpace GmbH

(21) 2025205011 (22) 01.07.2025

(54) HARDSHELL COLLAPSIBLE MOBILE
STRUCTURE

(71) S&A Group Holdings Limited

(21) 2025204892 (22) 27.06.2025

(54) A mobile autonomous agricultural sys-
tem

(71) Saban Ventures Pty Limited

(21) 2025204800 (22) 25.06.2025

(54) Clamp for a medical device

(71) Sagemcom Energy & Telecom SAS

(21) 2025204841 (22) 26.06.2025

(54) Method and system for secure control
with regard to a smart meter

(71) Sagemcom Energy & Telecom SAS

(21) 2025204936 (22) 30.06.2025

(54) Method and system for secure re-
sponse to a command to a smart meter

(71) Sage Products, LLC

(21) 2025205001 (22) 30.06.2025

(54) Oral care system and packaging

(71) Schneider Electric (Australia) Pty Lim-
ited

(21) 2025204799 (22) 25.06.2025

(54) SWITCH INTERFACE ELEMENT

(71) SHANDONG UNIVERSITY

(21) 2025204797 (22) 25.06.2025

(54) LIQUID MEDICINE PRETREATMENT
AND SAMPLING DEVICE FOR TRADI-
TIONAL CHINESE MEDICINE TEST-
ING, AND TESTING SYSTEM AND
METHOD OF TRADITIONAL CHINESE
MEDICINE

(71) Shanghai Zheye Biotechnology Co. Ltd.

(21) 2025204788 (22) 25.06.2025

(54) NITROGEN-CONTAINING HETERO-
CYCLIC PYRIDINE COMPOUND(71) Shenzhen Tengwansheng Technology
Co., Ltd

(21) 2025204770 (22) 25.06.2025

(54) Drawable Expansion House

(71) Shenzhen Tengwansheng Technology
Co., Ltd

(21) 2025204771 (22) 25.06.2025

(54) Prefabricated Lifting House

(71) SHILTON, M.

(21) 2025204789 (22) 25.06.2025

(54) AN ADJUSTABLE SUPPORT

(71) ShiraTronics, Inc.

(21) 2025205007 (22) 01.07.2025

(54) Implantable neurostimulator to treat
chronic migraine headaches

(71) Siemens Mobility GmbH

(21) 2025204842 (22) 26.06.2025

(54) Masking method and axle counting
device with masking function

(71) Sinotech Energy Co., Ltd.

(21) 2025204766 (22) 24.06.2025

(54) Corrugated plate and liquefied gas stor-
age container having the same

(71) Sonos, Inc.

(21) 2025204931 (22) 30.06.2025

(54) Generating digital media based on
blockchain data

(71) Sorensen Engineering Pty Ltd

(21) 2025205026 (22) 01.07.2025

(54) Wide angle configurable rotary spray
nozzle assembly

(71) Sterlite Technologies Limited

(21) 2025204944 (22) 30.06.2025

(54) OPTICAL FIBER ENCLOSURE WITH
SCISSOR WALL(71) STRYKER EUROPEAN OPERATIONS
HOLDINGS LLC

(21) 2025204829 (22) 26.06.2025

(54) Surgical sagittal blade cartridge with a
reinforced guide bar**SUMITOMO METAL MINING CO., LTD. see
KYUSHU UNIVERSITY, NATIONAL UNI-
VERSITY CORPORATION**

(21) 2025204929

(71) Sungrow Charging Technology Co., Ltd.

(21) 2025204883 (22) 27.06.2025

(54) Resonant converter, method for con-
trolling resonant converter, and related
device

(71) SystImmune, Inc.

(21) 2025204860 (22) 27.06.2025

(54) Multi-specific antibodies and methods
of making and using thereof

(71) TAHO PHARMACEUTICALS LTD.

(21) 2025205000 (22) 30.06.2025

(54) Apixaban Film Product And Uses
Thereof(71) Taizhou Runjie Logistics Safety Equip-
ment Science and Technology Co., Ltd.

(21) 2025204806 (22) 25.06.2025

(54) CONVENIENTLY OPERATED MAG-
NETIC SAFETY FASTENER(71) Takeda Pharmaceutical Company Lim-
ited

(21) 2025204840 (22) 26.06.2025

(54) Inhibitors of plasma Kallikrein and uses
thereof

(71) Tav – Tech Ltd

(21) 2025204755 (22) 24.06.2025

(54) UNITARY ENHANCED JET SPRAY
DERMAL TREATMENT HANDPIECE

(71) Techtronic Cordless GP

(21) 2025204848 (22) 26.06.2025

(54) Powered Fastener Driver

Complete Applications Filed - Name Index cont'd

(71) Techtronic Cordless GP
(21) 2025204908 (22) 27.06.2025
(54) Blower

(71) The Boeing Company
(21) 2025204782 (22) 25.06.2025
(54) External pressure vessels, submersible vehicles comprising external pressure vessels, and methods for manufacturing external pressure vessels

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
(21) 2025204898 (22) 27.06.2025
(54) CRISPR EFFECTOR SYSTEM BASED MULTIPLEX DIAGNOSTICS

(71) Therabody, Inc.
(21) 2025204757 (22) 24.06.2025
(54) Electrical muscle stimulation devices, systems, and methods

(71) The Regents of the University of California
(21) 2025204881 (22) 27.06.2025
(54) Non-coding RNA for detection of cancer

(71) The Texas A&M University System
(21) 2025204798 (22) 25.06.2025
(54) Compositions for the treatment of copper deficiency and methods of use

(71) The Trustees of the University of Pennsylvania; Regenxbio Inc.
(21) 2025204780 (22) 25.06.2025
(54) Compositions For Treatment Of Wet Age-Related Macular Degeneration

(71) The Trustees of the University of Pennsylvania; Novartis AG
(21) 2025204916 (22) 30.06.2025
(54) CAR T cell therapies with enhanced efficacy

(71) TNK Manufacturing Inc.
(21) 2025204919 (22) 30.06.2025
(54) Shade for a boom lift

(71) TONGWEI SOLAR (MEISHAN) CO., LTD.
(21) 2025204927 (22) 30.06.2025
(54) PHOTOVOLTAIC MODULE AND METHOD FOR PREPARING THE SAME

(71) Transportation IP Holdings, LLC
(21) 2025204870 (22) 27.06.2025
(54) INLET METERING VALVE BLOCK

Tsinghua University see Nucotech Company Limited
(21) 2025204886

(71) Twelve Benefit Corporation
(21) 2025204790 (22) 25.06.2025
(54) System and method for carbon dioxide reactor control

(71) Ty Inc.
(21) 2025204827 (22) 26.06.2025
(54) Bouncing toy with plush exterior

(71) UGARKOVIC, J.
(21) 2025204907 (22) 27.06.2025
(54) A vent for roof cavity

(71) University of York
(21) 2025204896 (22) 27.06.2025
(54) Proof-Of-Work For Blockchain Applications

(71) Verastem, Inc.; Pfizer Inc.
(21) 2025204843 (22) 26.06.2025
(54) Compositions and methods for treatment of abnormal cell growth

Verily Life Sciences LLC see Dexcom, Inc.
(21) 2025204756

(71) ViaSat, Inc.
(21) 2025204837 (22) 26.06.2025
(54) Antenna element module

(71) Volvo Truck Corporation
(21) 2025204855 (22) 27.06.2025
(54) A control unit and a method for determining the number of trailers in a tractor-trailer combination by using computer vision

(71) WINDSOR ENGINEERING GROUP LIMITED
(21) 2025204831 (22) 26.06.2025
(54) A TIMBER DRYING KILN ELECTRICAL CONTACT SYSTEM, A TIMBER DRYING KILN MOISTURE MEASUREMENT SYSTEM AND A TIMBER DRYING KILN MOISTURE MEASUREMENT METHOD

(71) Xero Limited
(21) 2025204822 (22) 26.06.2025
(54) Systems and methods of mobile banking reconciliation

(71) Yakima Australia Pty Ltd
(21) 2025204810 (22) 26.06.2025
(54) A Vehicle Rooftop Rack Assembly

(71) ZENG, W.
(21) 2025204839 (22) 26.06.2025
(54) METHOD FOR CONSTRUCTING OF DYNAMIC GEOLOGICAL MODEL AND DISASTER EARLY WARNING FOR MINES BASED ON FOUR-DIMENSIONAL GIS

(71) Zhejiang Huayou Cobalt Co., Ltd
(21) 2025204824 (22) 26.06.2025
(54) REACTION KETTLE

(71) Zhejiang Jinko Solar Co., Ltd.
(21) 2025204834 (22) 26.06.2025
(54) SOLAR CELL AND METHOD FOR PREPARING THE SAME, TANDEM SOLAR CELL, AND PHOTOVOLTAIC MODULE

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2025204610	CLARA ANALYTICS, INC.	2025204826	Genzyme Corporation
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Applications listed below were processed through the Patent Office Canberra during the period ending 24 Jun 2025 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Adama Agan Ltd.
(21) 2025100012 (22) 30.06.2025
(54) Solid state form of Pyroxasulfone
(62) 2021207765

(71) Adama Agan Ltd.
(21) 2025100013 (22) 30.06.2025
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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
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25	Application Lapsed Reg. 22.2I(2)
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27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
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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
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2021100858 (22) 2021103781 (22E) 2021200168 (5C)
2021200614 (14) 2021203182 (14) 2021204527 (1B)
2021204565 (14) 2021204748 (1B) 2021204813 (1B)
2021204975 (1B) 2021206568 (5C) 2021206868 (14)
2021229189 (4C) 2021240237 (1B) 2021261838 (4C)
2021290320 (5C) 2021303478 (1B) 2021303508 (1B)
2021303616 (1B) 2021303686 (1B) 2021303781 (1B)
2021304250 (1B) 2021304359 (1B) 2021304542 (1B)
2021304685 (1B) 2021304796 (1B) 2021305080 (1B)
2021305095 (1B) 2021305097 (1B) 2021305101 (1B)
2021305175 (1B) 2021305185 (1B) 2021305200 (1B)
2021305211 (1B) 2021305234 (1B) 2021305293 (1B)
2021305396 (1B) 2021305639 (1B) 2021305644 (1B)
2021305676 (1B) 2021305992 (1B) 2021306256 (1B)
2021306293 (1B) 2021306296 (1B) 2021306314 (1B)
2021306644 (1B) 2021306697 (1B) 2021307313 (1B)
2021307409 (1B) 2021307416 (1B) 2021307691 (1B)

2021309007 (1B) 2021309123 (1B) 2021309128 (1B)
 2021376351 (5C) 2021391752 (5C) 2021392613 (5C)
 2021397400 (5C) 2021404789 (5C) 2021409614 (5C)
 2021413690 (5C) 2021422849 (5C) 2021436877 (5C)

2022

2022200741 (14) 2022200869 (5C) 2022201065 (5C)
 2022201082 (14) 2022201443 (14) 2022201807 (4C)
 2022201875 (5C) 2022216690 (5C) 2022220678 (12A)
 2022241881 (5C) 2022259752 (5C) 2022263569 (25D)
 2022279517 (5C) 2022283769 (25D) 2022287564 (12A)
 2022293663 (12A) 2022325359 (5C) 2022335338 (5C)

2023

2023100009 (22) 2023201307 (5C) 2023201554 (4C)
 2023202161 (5C) 2023202216 (4C) 2023202313 (5C)
 2023202346 (5C) 2023202354 (5C) 2023202420 (5C)
 2023202563 (5C) 2023202655 (5C) 2023202677 (4C)
 2023202971 (4C) 2023202987 (5C) 2023203247 (5C)
 2023203307 (5C) 2023203377 (5C) 2023203413 (5C)
 2023203477 (5C) 2023203579 (5C) 2023203610 (4C)
 2023203779 (5C) 2023203872 (4C) 2023203884 (4C)
 2023203903 (5C) 2023204621 (5C) 2023204673 (5C)
 2023204705 (25D) 2023208086 (5C) 2023210587 (5C)
 2023214300 (4C) 2023223006 (5C) 2023226639 (5C)
 2023229593 (5C) 2023237131 (5C) 2023241376 (4C)
 2023282179 (5C) 2023282336 (4C)

2024

2024200199 (5CN) 2024200624 (4C) 2024201195 (4C)
 2024201225 (5CN) 2024201842 (4C) 2024202017 (4C)
 2024202707 (5CN) 2024202729 (5CN) 2024203117 (5CN)
 2024227367 (12C) 2024901665 (12AN) 2024901975 (12AN)
 2024901981 (12AN) 2024902043 (12AN)

2025

2025202541 (1B) 2025202577 (1B) 2025202689 (7AN)
 2025202799 (7BN)

Assignments before Grant, Section 113

2019

2019316540 Freight Train Medical, LLC The application has been assigned to **MEDIMETRIX LLC**

2019455964 Visuo Technology Pty Limited The application has been assigned to **Visuo Ventures (Australia) Pty Ltd**

2020

2020220168 Klevaklip Systems Pty Ltd The application has been assigned to **Simpson Strong-Tie Australia Pty Limited**

2020232211 Gritstone bio, Inc. The application has been assigned to **Seattle Project Corp.**

2020346951 Orion Corporation The application has been assigned to **Shanghai Jeyou Pharmaceutical Co., Ltd.**

2020371001 Gao, Xin The application has been assigned to **Mab-nooah LLC.**

2020439966 Aqseptence Group, Inc. The application has been assigned to **Airvac, Inc.**

Assignments before Grant, Section 113

2021

2021200869 Klevaklip Systems Pty Ltd The application has been assigned to **Simpson Strong-Tie Australia Pty Limited**

2021247302 Gritstone Bio, Inc. The application has been assigned to **Seattle Project Corp.**

2021258191 Gritstone Bio, Inc. The application has been assigned to **Seattle Project Corp.**

2021260932 Gritstone Bio, Inc. The application has been assigned to **Seattle Project Corp.**

2021273827 Gritstone Bio, Inc. The application has been assigned to **Seattle Project Corp.**

2021320896 Gritstone Bio, Inc. The application has been assigned to **Seattle Project Corp.**

2021391921 GRITSTONE BIO, INC. The application has been assigned to **Seattle Project Corp.**

2022

2022205800 TELEA ELECTRONIC ENGINEERING SRL; AZIENDA ULSS 8 BERICA The application has been assigned to **Telea Oncology Research S.r.l.; AZIENDA ULSS 8 BERICA**

2022210420 GRITSTONE BIO, INC. The application has been assigned to **Seattle Project Corp.**

2022213300 AQSEPTENCE GROUP, INC. The application has been assigned to **Airvac, Inc.**

2022253902 PROFOUND BIO US CO. The application has been assigned to **Genmab A/S**

2022262644 PROFOUND BIO US CO. The application has been assigned to **Genmab A/S**

2022306065 PROFOUND BIO US CO. The application has been assigned to **Genmab A/S**

2022346048 GRITSTONE BIO, INC. The application has been assigned to **Seattle Project Corp.**

2022347452 GRITSTONE BIO, INC. The application has been assigned to **Seattle Project Corp.**

2022350571 3H PHARMACEUTICALS CO., LTD.; 3H (SUZHOU) PHARMACEUTICALS CO., LTD. The application has been assigned to **3H Pharmaceuticals Co., Ltd.**

2022354279 GRITSTONE BIO, INC. The application has been assigned to **Seattle Project Corp.**

2022362885 EVERMORE UNITED S.A. The application has been assigned to **Nextracker LLC**

Assignments before Grant, Section 113

2022380858 GRITSTONE BIO, INC. The application has been assigned to **Seattle Project Corp.**

2023

2023201820 GestVision, Inc. The application has been assigned to **CooperSurgical, Inc.**

2023203634 Jinko Green Energy (Shanghai) Management Co., LTD.; Zhejiang Jinko Solar Co., Ltd. The application has been assigned to **Jinko Solar Co., Ltd.**

2023203921 Western Advance Pty Ltd The application has been assigned to **Sensafe Care Pty Ltd**

2023222847 Hlushchenko, Mykhailo; Maiorov, Volodymyr The application has been assigned to **AJAX SYSTEMS CYPRUS HOLDINGS LTD**

2023233153 OVCHARYK, Ivan; KHODAKOV, Kostiantyn; PAVELKO, Taras; LAPA, Vitalii; HAVRILOV, Anton; SOTNIKOV, Andrii; ZHURBENKO, Anatolii The application has been assigned to **AJAX SYSTEMS CYPRUS HOLDINGS LTD**

2023251111 GRITSTONE BIO, INC. The application has been assigned to **Seattle Project Corp.**

2024

2024202534 NICO Corporation The application has been assigned to **STRYKER CORPORATION**

2025

2025202712 Carillion Utility Services Ltd The application has been assigned to **Murphy Power Networks Limited**

2025203923 CSI Cells (Yangzhou) Co., Ltd.; CSI Silicon Wafer (Yangzhou) Co., Ltd.; CSI Cells Co., Ltd The application has been assigned to **CSI Cells (Yangzhou) Co., Ltd.**

2025900249 Ketim Therapeutics Pty Ltd The application has been assigned to **Ketim Holdings Pty Ltd**

2025900250 Ketim Therapeutics Pty Ltd The application has been assigned to **Ketim Holdings Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2010

2010227015 **AutoRun Technologies** An application to extend the time from 07 Oct 2024 to 07 Jun 2025 in which to pay a renewal fee has been filed . Address for service - Drew Bellamy 8 West Lorne St Floreat WA 6014 AU

2010300550 **Adare Pharmaceuticals, Inc.** An application to extend the time from 30 Sep 2024 to 30 Apr 2025 in which to pay a renewal fee

Extensions of Time, Section 223

has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014233629 **Adare Pharmaceuticals, Inc.** An application to extend the time from 30 Sep 2024 to 30 Apr 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016213816 **Adare Pharmaceuticals, Inc.** An application to extend the time from 30 Sep 2024 to 30 Apr 2025 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2007

2007234389 **CUSTOM SENSORS AND TECHNOLOGY** The time in which to pay a renewal fee has been extended to 04 May 2024 . Address for service - Alder IP Pty Ltd Suite 302 10 Help Street Chatswood NSW 2067 AU

2009

2009238175 **Arbutus Biopharma Corporation** The time in which to request an Extension of Term - Pharmaceutical has been extended to 09 Nov 2024 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015305776 **Garland Commercial Industries LLC** The time in which to pay a renewal fee has been extended to 17 Mar 2025 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2017

2017232365 **MacuMira Medical Devices Inc.** The time in which to pay a renewal fee has been extended to 15 Apr 2025 . Address for service - JMDS IP Pty Ltd PO Box 3066 Newstead QLD 4006 AU

2020

2020432156 **Northwestern University; Mannin Research Inc.** The time in which to pay a continuation fee has been extended to 25 Feb 2025 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2021

2021205322 **Robertson II, G.; Robertson, W.** The time in which to request examination has been extended to 15 Apr 2025 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

2021212628 **Cliniseal Ltd** The time in which to pay the acceptance fee has been extended to 13 Jul 2025 . Address for service - Alan Graham Burr 15 Kendall Street, C/O A70401 Clyde NSW 2142 AU

2022

2022275454 **Taiwan Mercury Medical Corporation** The time in which to pay the acceptance fee has been extended to 13 Jul 2025 . Address

Extensions of Time, Section 223

for service - TIDY TEND GLOBAL PTY LTD 252 Waverley Rd Malvern East VIC 3145 AU

2022476802 **FAIR MED (THAILAND) COMPANY LIMITED** The time in which to enter the National Phase has been extended to 01 Jul 2025 . Address for service - BRM Patent Attorneys Pty Ltd Clarence Chambers, Level 11, 456 Lonsdale Street Melbourne VIC 3000 AU

2023

2023308729 **PHILLIPS, S.** The time in which to pay the acceptance fee has been extended to 22 Jul 2025 . Address for service - Patentec Patent Attorneys Ikon House, L 11 65 York St Sydney NSW 2000 AU

2024

2024204266 **Uridan Waterless Solutions GmbH** The time in which to pay a continuation fee has been extended to 30 Jan 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 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.

2019

2019389082 Catalysed process of production of hydrogen from silylated derivatives as hydrogen carrier compounds **HySiLabs Sas** The nature of the amendment is as shown in the statement(s) filed 11 Jun 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2019401868 Sustained-release injection comprising deslorelin, and preparation method therefor **G2GBIO, INC.** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2025 . Address for service - FB Rice Pty Ltd Level 29 126 Phillip Street Sydney NSW 2000 AU

2020

2020205665 DOT1L degraders and uses thereof **Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020372469 Chiral sulfur oxide-containing aryl formamide compound and salt thereof, preparation method therefor, herbicidal composition, and application **Qingdao KingAgroot Chemical Compound Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020381876 Method for the production of double-stranded RNA **Consejo Superior de Investigaciones Cientificas ; Universitat Politècnica de València** The nature of the amendment is as shown in the statement(s) filed 04 Jun 2025 . Address for service - Walling-

Amendments

ton-Dummer Suite 1005 Level 10 66 Hunter Street Sydney NSW 2000 AU

2022

2022323968 NONWOVEN MATERIAL FOR COSMETIC CUSHION COMPACT **ELC MANAGEMENT LLC** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2025 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2023

2023201972 PCSK9 INHIBITORS AND METHODS OF USE THEREOF **AstraZeneca AB** The nature of the amendment is as shown in the statement(s) filed 04 Jun 2025 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2023203784 Therapeutic and prophylactic method for tumor treatable with endocrine therapy by combined use of fibroblast growth factor receptor inhibitor with endocrine therapy **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 06 Jun 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2023214242 RARE EARTH OXIDE STANDARD SAMPLE AND PREPARATION METHOD THEREOF **BGRIMM MTC TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the name of the inventor to read LI, Huachang; WANG, Dongjie; SHI, Yehong; FENG, Xianjin; TANG, Shufang; YANG, Fei; SUN, Jialiang AND XU, Bicong . Address for service - Remarkable IP PO Box 207 Queenstown Otago 9348 NZ

2024

2024202623 Plungers for drug delivery devices **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 20 May 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2018

2018368709 **Bruin Biometrics, LLC** The nature of the amendment is as shown in the statement filed 19 Dec 2024

2018388417 **Xeris Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 19 Mar 2025

2019

2019309886 **Joy Global Underground Mining LLC** The nature of the amendment is: Amend the name of the inventor to read DAHER, Nagy; REEVES, Stuart; FRANSEN, Simon; BAGNALL, Eddy; CLAYTON, Andrew Michael; BALOCH, Christian and BOYD, Richard

2019325411 **THE UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS; Case Western Reserve University** The nature of the amendment is as shown in the statement filed 31 Mar 2025

2019341417 **Rheinmetall Landsysteme GmbH** The nature of the amendment is: Amend the name of the inventor to read BRITZEN, Shena

Amendments

2020

2020211063 **Blue Cube Technology (Pty) Ltd** The nature of the amendment is: Amend the name of the inventor to read DU PLESSIS, Francois Eberhardt; LE ROUX, Petrus Albertus and THERON, Pieter

2020286381 **Hager Biosciences, LLC** The nature of the amendment is as shown in the statement filed 28 Mar 2025

2020334044 **SEMPRE, Inc.** The nature of the amendment is: To amend the applicant name to SEMPRE, Inc.

2020409496 **NRG PALLAS B.V.** The nature of the amendment is: To amend the applicant name to NRG PALLAS B.V.

2020462903 **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shirui Electronics Co., Ltd** The nature of the amendment is: Amend the invention title to read TOUCH DATA PROCESSING METHOD, EQUIPMENT, DEVICE, AND STORAGE MEDIUM

2021

2021245150 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 28 Mar 2025

2021398061 **BEIJING DONGFANG BIOTECH CO., LTD; BEIJING JINGYITAI XIANG TECHNOLOGY DEVELOPMENT CO. LTD.** The nature of the amendment is: Amend the invention title to read ANTI-LAG-3 MONOCLONAL ANTIBODY, AND ANTIGEN-BINDING FRAGMENT AND APPLICATION THEREOF

2021405307 **DAIKYO SEIKO, LTD.** The nature of the amendment is: Amend the invention title to read Rubber stopper

2021432587 **FUJIFILM CORPORATION; National University Corporation Tokyo Medical and Dental University** The nature of the amendment is: Amend the invention title to read PRODUCTION METHOD FOR THERAPEUTIC AGENT FOR ARTHROSIS, AND THERAPEUTIC AGENT FOR ARTHROSIS

2021471061 **BAO, C.** The nature of the amendment is: Amend the invention title to read HEAT INSULATION WALL AND MANUFACTURING METHOD AND MOUNTING METHOD THEREOF

2022

2022200843 **LIFT BioSciences Ltd** The nature of the amendment is as shown in the statement filed 25 Mar 2025

2022254745 **CENTIVAX, INC.** The nature of the amendment is: Amend the name of the inventor to read GLANVILLE, Jacob E.; FRIEDE, Timothy Paul; TSAO, David; LIAO CHAN, Sindy Andrea; WANG, I-Chieh; BELLIN, Mark Ross and KIM, Sang Il

2022316962 **The Lotus Global Group, Inc., dba GlobalMed Technologies Co.** The nature of the amendment is: Amend the name of the inventor to read ERGAS, Sanders; STANIER, Quinten; ERGAS, David Addison and ERGAS, Layne

2022357987 **Baz Biomedic Co., Ltd.** The nature of the amendment is: To amend the applicant name to Baz Biomedic Co., Ltd.

Amendments

2022369980 **GB005, INC.** The nature of the amendment is as shown in the statements filed 15 Apr 2025 and 03 Jun 2025

2022395939 **CASBIO (S) PTE LTD** The nature of the amendment is: Amend the name of the inventor to read HOSSEINISALKADEH, Seyedghasem and MOUSAVI, Seyedhossein

2022427044 **BEIJING ROBOROCK TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read SELF-CLEANING DUST COLLECTION SEAT AND DUST COLLECTION SYSTEM

2022434156 **BEIJING ROBOROCK TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read AUTOMATIC CLEANING DEVICE

2022490999 **YAMAHA HATSUDOKI KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read Travel-data-processing device, travel-data-measurement device, and travel-data-measurement-processing device

2023

2023228872 **CAYOSOFT, INC.** The nature of the amendment is: Amend the name of the inventor to read POLEVOI, Andrei; BOBEL, Robert, John, III and TSVETKOV, Alexander, Vadimovich

2023244020 **OSAKA UNIVERSITY; GC CORPORATION** The nature of the amendment is: Amend the invention title to read Method of predicting characteristic value of material, method of generating trained model, program, and device

2023343236 **NRG PALLAS B.V.** The nature of the amendment is: To amend the applicant name to NRG PALLAS B.V.

2023395556 **ARTHAM THERAPEUTICS INC.** The nature of the amendment is: Amend the invention title to read PHARMACEUTICAL COMPOSITION FOR VASCULAR MALFORMATIONS AND METHOD FOR TREATING VASCULAR MALFORMATIONS

2023395894 **PAIRWISE PLANTS SERVICES, INC.** The nature of the amendment is: Amend the invention title to read FUSION PROTEINS COMPRISING AN INTEIN POLYPEPTIDE AND METHODS OF USE THEREOF

2023404669 **LNTLEZ PTY LTD** The nature of the amendment is: To amend the applicant name to LNTLEZ PTY LTD

2023408167 **HANMI PHARM. CO., LTD.** The nature of the amendment is: Amend the invention title to read Novel triple GLP-1/GIP/glucagon receptor agonist and a pharmaceutical composition for preventing or treating obesity comprising the same

2023408268 **HANMI PHARM. CO., LTD.** The nature of the amendment is: Amend the invention title to read Formulations comprising immune stimulating IL-2 analog conjugates

2023419278 **ASTELLAS PHARMA INC.** The nature of the amendment is: Amend the invention title to read 4-AMINOPIPERIDINE COMPOUND, LIPID NANOPARTICLES THEREOF, AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME

Amendments

2023422463 **BOSTON SCIENTIFIC NEUROMODULATION CORPORATION** The nature of the amendment is: Amend the invention title to read Neuromodulation system with adaptable sensing and closed loop control

2023425429 **NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE** The nature of the amendment is: Amend the invention title to read Oil-Well Metal Pipe

2023431121 **MITSUBISHI ELECTRIC CORPORATION; WASEDA UNIVERSITY** The nature of the amendment is: Amend the invention title to read HAPPINESS MODEL GENERATION APPARATUS, HAPPINESS CALCULATION APPARATUS, HAPPINESS CALCULATION SYSTEM, HAPPINESS MODEL GENERATION METHOD, HAPPINESS CALCULATION METHOD, HAPPINESS MODEL GENERATION PROGRAM, AND HAPPINESS CALCULATION PROGRAM

2024

2024202561 **AFT Pharmaceuticals Limited; Massey Ventures Limited; Gillies McIndoe Research Institute** The nature of the amendment is: Amend the name of the inventor to read Atkinson, Hartley; MacKay, Sean; Gray, Clint and White, Madeleine

2024203756 **Elmer's Welding & Manufacturing Ltd.** The nature of the amendment is: Amend the name of the inventor to read BOILEAU, Rheal; DARRACH, Owen and DAVIS, Ray

2024251490 **SHENZHEN RHEGEN BIOTECHNOLOGY CO., LTD.; WUHAN RHEGEN BIOTECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Halogen-containing compound for capping 5' end of nucleic acid and use of same

2024384420 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Energy storage system and protection apparatus and protection method thereof

2024904291 **Neurala Biosciences Pty Ltd** The nature of the amendment is: To amend the applicant name to Neurala Biosciences Pty Ltd

2025

2025202460 **Cayosoft, Inc.** The nature of the amendment is: Amend the name of the inventor to read POLEVOI, Andrei and BOBEL, Robert John III

2025204783 **Daikyo Seiko, Ltd.** The nature of the amendment is: Amend the invention title to read Rubber stopper

2025902594 **The University of Melbourne; Royal Melbourne Institute of Technology** The nature of the amendment is: To amend the applicant name to The University of Melbourne and Royal Melbourne Institute of Technology

2025902666 **COALBED INNOVATIONS PTY LTD** The nature of the amendment is: Amend the invention title to read Methods and Apparatus for Determining the Gas Content of an Underground Rock Formation

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

Amendments

2019

2019291668 **Vault Security Systems AG** The name of the patentee has been altered to **Vault Group AG**

2021

2021323890 **Schur Technology A/S** The name of the applicant has been altered to **Schur Automation A/S**

2021458805 **EXPERIENCE KNOWLEDGE STRATEGY, S.L.** The name of the patentee has been altered to **HITACHI ENERGY POWER CONVERSION SOLUTIONS SOCIEDAD LIMITADA**

2022

2022316962 **THE LOTUS GROUP, INC., DBA GLOBALMED TECHNOLOGIES CO.** The name of the applicant has been altered to **The Lotus Global Group, Inc., dba GlobalMed Technologies Co.**

2022326825 **Stichting Nuclear Research and Consultancy Group** The name of the applicant has been altered to **NRG PALLAS B.V.**

2023

2023385167 **INTERITY SECURITY SERVICES LLC** The name of the applicant has been altered to **INTEGRITY SECURITY SERVICES LLC**

2024

2024204115 **Fungy Conditionnement et Commercialisation** The name of the applicant has been altered to **CABANE & CIE**

2024902117 **Davin Mai** The name of the applicant has been altered to **CoilRig Pty Ltd**

Amendments Made Under Section 105

Court Order by the Federal Court of Victoria, VID524/2022
Australian Patent/Patent Application 2015305271 in the name of Perfect Day, Inc.
The amendments advertised in the Official Journal of Patents dated 01 Aug 2024 have been made in accordance with a Court Order 04 Apr 2025 .

Applications Open to Public Inspection

Name Index

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

(71) ABB SCHWEIZ AG
(11) AU-A-2025204541
(21) 2025204541 (22) 18.06.2025
(54) Method of material flow optimization
(51) Int. Cl.
G06Q 10/04 (2023.01)
(43) 10.07.2025
(62) 2021422899
(72) LINDKVIST, Rickard; LINDER, Jonas; BHALODI, Kalpesh; JUHLIN, Prerna; SCHLAKE, Jan-Christoph; JANKA, Dennis; POTSCHKA, Andreas
(74) Griffith Hack

(71) ABB SCHWEIZ AG
(11) AU-A-2025204677
(21) 2025204677 (22) 20.06.2025
(54) Computer-implemented methods referring to an industrial process for manufacturing a product and system for performing said methods
(51) Int. Cl.
G06Q 10/04 (2023.01)
G06Q 10/06 (2023.01)
G06Q 50/02 (2024.01)
(43) 10.07.2025
(62) 2021431807
(72) KOTRIWALA, Arzam; LI, Nuo; SCHLAKE, Jan-Christoph; JUHLIN, Prerna; LENDERS, Felix; BISKOPING, Matthias; KLOPPER, Benjamin; BHALODI, Kalpesh; POTSCHKA, Andreas; JANKA, Dennis
(74) Griffith Hack

(71) Abiomed, Inc.; Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.
(11) AU-A-2025204555
(21) 2025204555 (22) 18.06.2025
(54) Systems and methods for determining cardiac performance
(51) Int. Cl.
A61B 5/02 (2006.01)
A61B 5/00 (2006.01)
A61B 5/021 (2006.01)
A61B 5/0215 (2006.01)
A61B 5/029 (2006.01)
(43) 10.07.2025
(62) 2019290139
(72) EL KATERJI, Ahmad; TAN, Qing; MOYER, Christian; SHIP, Alexander; BHAVSAR, Sonya Sanat; JOSEPHY, Noam; EDELMAN, Elazer R.; CHANG, Brian Yale; KELLER, Steven
(74) Davies Collison Cave Pty Ltd

(71) Abiomed, Inc.
(11) AU-A-2025204557

(21) 2025204557 (22) 18.06.2025
(54) Systems and methods for controlling a heart pump to minimize myocardial oxygen consumption
(51) Int. Cl.
A61M 60/50 (2021.01)
A61B 5/026 (2006.01)
A61M 60/148 (2021.01)
(43) 10.07.2025
(62) 2019314334
(72) SUNAGAWA, Kenji
(74) Davies Collison Cave Pty Ltd

(71) Aliaxis Research & Technology
(11) AU-A-2024287131
(21) 2024287131 (22) 21.12.2024
(54) Mechanical fittings for PVC based material
(51) Int. Cl.
F16L 19/07 (2006.01)
F16L 19/065 (2006.01)
(31) FR2315094 (32) 22.12.23 (33) FR
(43) 10.07.2025
(72) Adelmand, Hemin; Tajdary, Pouya
(74) ACROGON GROUP PTY LTD

(71) Allergan, Inc.
(11) AU-A-2025204621
(21) 2025204621 (22) 19.06.2025
(54) Stabilized non-protein clostridial toxin compositions
(51) Int. Cl.
A61K 38/48 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
A61K 47/20 (2006.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
A61K 47/34 (2017.01)
A61P 9/06 (2006.01)
A61P 13/00 (2006.01)
A61P 17/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/24 (2006.01)
A61P 29/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) ENERGY CONTROL AND GENERATION METHOD AND SYSTEM
(51) Int. Cl.
H02J 3/46 (2006.01)
H02J 4/00 (2006.01)

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C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
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(72) GILAD, Oren; VACCA, Joseph
(74) Allens Patent & Trade Mark Attorneys

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H02J 1/10 (2006.01)
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(72) MELACK, John
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(51) Int. Cl.
A63F 9/24 (2006.01)
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(72) PALMISANO, Angelo
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
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(54) SYSTEM AND METHOD FOR CARDLESS CONNECTION AT SMART TABLES
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A63F 9/24 (2006.01)
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C07C 69/675 (2006.01)
C07C 67/03 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR TREATING LATE STAGE LUNG CANCER
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A61K 38/16 (2006.01)
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A61K 9/127 (2006.01)
A61K 31/00 (2006.01)
A61K 33/00 (2006.01)
A61K 35/741 (2015.01)
A61K 36/00 (2006.01)
A61K 38/00 (2006.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
A61P 3/02 (2006.01)
A61P 17/00 (2006.01)
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A01C 21/00 (2006.01)
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(74) FB Rice Pty Ltd

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(54) ENGINEERED ANTI-IL-2 ANTIBODIES
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
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A61P 31/12 (2006.01)
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A23L 7/20 (2016.01)
A23B 9/02 (2006.01)
C12C 1/02 (2006.01)
C12C 1/033 (2006.01)
C12C 1/047 (2006.01)
C12C 1/10 (2006.01)
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G01N 33/10 (2006.01)
(31) 2023904230 (32) 22.12.23 (33) AU
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(72) ZHANG, Qisen
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C12Q 1/6888 (2018.01)
G01N 33/68 (2006.01)
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(51) Int. Cl.
A61K 31/7115 (2006.01)
C12N 1/22 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) METHODS AND COMPOSITIONS FOR TREATING SKIN DISEASE WITH RECOMBINANT MICROORGANISMS
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 35/74 (2015.01)
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(54) Compositions and methods for treatment of Netherton syndrome with LEKTI expressing recombinant microbes
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A61P 17/00 (2006.01)
C07K 14/81 (2006.01)
C12N 15/74 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) Image encoding/decoding method and device
(51) Int. Cl.
H04N 19/597 (2014.01)
H04N 19/11 (2014.01)
H04N 19/117 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/13 (2014.01)
H04N 19/132 (2014.01)
H04N 19/176 (2014.01)
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(74) FB Rice Pty Ltd

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(54) Image encoding/decoding method and device
(51) Int. Cl.
H04N 19/597 (2014.01)
H04N 19/11 (2014.01)
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(54) Image encoding/decoding method and device
(51) Int. Cl.
H04N 19/597 (2014.01)
H04N 19/11 (2014.01)
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(54) Methods and compositions for treating non-ERK MAPK pathway inhibitor-resistant cancers
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A61K 31/4439 (2006.01)
A61K 31/675 (2006.01)
A61P 9/10 (2006.01)
A61P 31/12 (2006.01)
A61P 37/04 (2006.01)
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G06K 19/00 (2006.01)
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(54) FARMING VEHICLE FIELD BOUNDARY IDENTIFICATION
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A01C 21/00 (2006.01)
G01C 21/20 (2006.01)
G01C 21/34 (2006.01)
G06Q 50/02 (2024.01)
G06V 20/56 (2022.01)

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(72) PELL, Edward William Jeffcott; WEST, Brent William
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) PORTABLE RACKING SYSTEM AND RACKING FRAME THEREFOR
(51) Int. Cl.
B65G 1/04 (2006.01)
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(54) BARRIER SYSTEM AND GROUND-BASED RACKING SYSTEM
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B65G 1/04 (2006.01)
E01F 9/692 (2016.01)
E04H 17/00 (2006.01)
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A01G 9/02 (2018.01)
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G06Q 10/0631 (2023.01)
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G06Q 50/163 (2024.01)
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 (54) Infusion module adapter
 (51) Int. Cl.
A61M 5/142 (2006.01)
G06F 13/10 (2006.01)
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 (72) ROZELL, Gene A.; BURGESS,
 Brendan John
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(71) CareFusion 303, Inc.
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 trolled drug delivery
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A61M 5/172 (2006.01)
A61M 5/142 (2006.01)
A61M 5/168 (2006.01)
G16H 20/10 (2018.01)
G16H 20/17 (2018.01)
G16H 20/40 (2018.01)
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 (54) SYSTEM FOR MONITORING DOSE
 PATTERN AND PATIENT RESPONSE
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G16H 20/17 (2018.01)
A61M 16/00 (2006.01)
G16H 40/63 (2018.01)
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 (54) AUDIO-VISUAL ASSIST FOR EFFI-
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 TERIALS
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G05B 19/042 (2006.01)
E02F 3/84 (2006.01)
E02F 9/20 (2006.01)
G05D 5/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) LARGE BLOCK TRADING

(51) Int. Cl.
G06Q 40/00 (2023.01)
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(71) CFPH, LLC
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 AND METHODS
 (51) Int. Cl.
G06Q 40/00 (2023.01)
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(71) CHEP Technology Pty Limited
 (11) AU-A-2025204614
 (21) 2025204614 (22) 19.06.2025
 (54) Computer-based method for initiating
 communication with a prospective cus-
 tomer, and communications system
 (51) Int. Cl.
G06Q 30/02 (2023.01)
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 (62) 2019321188
 (72) PANNICKE, Marco
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(71) Chorchek, Inc.
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 (54) SYSTEM FOR IDENTIFYING ANIM-
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 OUTBREAK AND METHOD FOR
 VERIFYING ANIMAL POPULATION
 ACTIVITIES
 (51) Int. Cl.
G06F 13/00 (2006.01)
G06Q 40/00 (2023.01)
H04W 4/00 (2018.01)
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 (72) FRICKE, Lukas J.; PRANGE, Jerry
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(71) Cirkul, Inc.
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 (21) 2025204544 (22) 18.06.2025
 (54) Adjustable additive delivery systems
 and methods
 (51) Int. Cl.
A47J 31/40 (2006.01)
A47J 43/27 (2006.01)
B01D 29/23 (2006.01)
B65D 41/26 (2006.01)

B65D 85/804 (2006.01)
C02F 1/18 (2023.01)
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 (62) 2023202648
 (72) Waggoner, Garrett S.; Urbanik, Thomas
 A.; Faulkner, Daniel J.; Gay, Andrew;
 Kurth, William G.; Kissinger, Drew
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 (54) Adjustable additive delivery systems
 and methods
 (51) Int. Cl.
A47J 31/40 (2006.01)
A47J 43/27 (2006.01)
B01D 29/23 (2006.01)
B65D 41/26 (2006.01)
B65D 85/804 (2006.01)
C02F 1/18 (2023.01)
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 Kurth, William G.; Kissinger, Drew
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(71) Cirkul, Inc.
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 (54) Adjustable additive delivery systems
 and methods
 (51) Int. Cl.
A47J 31/40 (2006.01)
A47J 43/27 (2006.01)
B01D 29/23 (2006.01)
B65D 41/26 (2006.01)
B65D 85/804 (2006.01)
C02F 1/18 (2023.01)
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 Kurth, William G.; Kissinger, Drew
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(71) CLARA ANALYTICS, INC.
 (11) AU-A-2025204610
 (21) 2025204610 (22) 19.06.2025
 (54) Provider performance scoring using su-
 pervised and unsupervised learning
 (51) Int. Cl.
G06Q 30/00 (2023.01)
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 (72) LI, Ji; ANJU, Asha; CHEN, Xi
 (74) FPA Patent Attorneys Pty Ltd

(71) Classic Hardware Suppliers Pty Ltd
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 (54) A latch
 (51) Int. Cl.
E05B 63/08 (2006.01)
E05B 13/00 (2006.01)
E05B 63/00 (2006.01)

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(74) BRM Patent Attorneys Pty Ltd

(71) CNH Industrial America LLC
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(54) Agricultural harvester drum lift linkage
(51) Int. Cl.

A01D 41/14 (2006.01)
(31) 63/614,784 (32) 26.12.23 (33) US
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(72) TROWBRIDGE, Jeffrey C.; MEEKS, Timothy Alan; WICKIZER, John Bradley; DYBRO, Niels
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(71) CNH Industrial Australia Pty Limited
(11) AU-A-2023285993
(21) 2023285993 (22) 22.12.2023
(54) Steering assembly for an agricultural vehicle
(51) Int. Cl.

B62D 1/28 (2006.01)
B62D 1/183 (2006.01)
B62D 1/184 (2006.01)
B62D 5/04 (2006.01)
A01D 41/127 (2006.01)

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(71) Coloplast A/S
(11) AU-A-2025204693
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(51) Int. Cl.

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A61M 27/00 (2006.01)

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(54) Hyperspectral apparatus and method
(51) Int. Cl.
G02B 27/09 (2006.01)
A61B 3/10 (2006.01)
G01J 3/28 (2006.01)
G01N 21/64 (2006.01)
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E03F 5/04 (2006.01)
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G01N 21/31 (2006.01)
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G01T 1/161 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) Systems and methods for enabling NFC communications with a wearable biosensor
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G16H 80/00 (2018.01)

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G01S 7/282 (2006.01)
F41H 13/00 (2006.01)
G01S 13/88 (2006.01)
G05B 13/02 (2006.01)
G06F 18/20 (2023.01)
H01Q 21/29 (2006.01)
H04B 7/04 (2017.01)

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(74) Spruson & Ferguson

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G10L 21/02 (2013.01)
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 PRINZ, Bianca
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(54) APPARATUS AND METHOD FOR
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B03C 1/033 (2006.01)
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B03C 1/23 (2006.01)
H01F 1/00 (2006.01)
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(54) METHOD AND SYSTEM FOR DE-
 TERMINING SOLAR ACCESS OF A
 STRUCTURE
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F24S 90/00 (2018.01)
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(54) STRAW
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(74) Gestalt Law Pty Ltd

(71) ECO Garage Doors Pty Ltd
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(54) Drive unit
(51) Int. Cl.
E05F 15/603 (2015.01)
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E06B 9/68 (2006.01)
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(74) BRM Patent Attorneys Pty Ltd

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 Academy of Sciences (China-Japan
 Friendship Biotechnology Research
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 PREPARATION METHOD THEREFOR
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C08L 71/02 (2006.01)
C10G 33/04 (2006.01)
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 Wang, Jianing
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 anne
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 EASES CAUSED BY PSMA EX-
 PRESSING CELLS
(51) Int. Cl.
A61K 31/17 (2006.01)
A61K 49/00 (2006.01)
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A61P 35/00 (2006.01)
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 topher Paul
(74) Davies Collison Cave Pty Ltd

(71) Epizyme, Inc.
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(54) Substituted indoles and methods of use
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 THOMENIUS, Michael; REITER,
 Lawrence Alan
(74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd

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(11) AU-A-2024278503
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(54) Washable absorbent undergarment
(51) Int. Cl.
A41B 9/12 (2006.01)
A61F 13/472 (2006.01)
A61F 13/496 (2006.01)
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 Susanne
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A61F 13/496 (2006.01)
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 KARLSON, Tomas
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(21) 2024278506 (22) 17.12.2024
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(51) Int. Cl.
A41B 9/12 (2006.01)
A61F 13/15 (2006.01)
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(21) 2024278507 (22) 17.12.2024
(54) Washable absorbent hygienic under-
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A61F 13/496 (2006.01)
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(54) Formulations of anhydrous sodium
thiosulfate
(51) Int. Cl.
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MOORE III, Joseph Alexander;
KIRSCHNER, Daniel; SMITH, Alexan-
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(71) Fisher & Paykel Healthcare Limited
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(54) A Yoke for Headgear
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A61M 16/06 (2006.01)
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(74) Catalyst Intellectual Property

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Farrow, Abby Rebecca
(74) AJ PARK

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LIMITED
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(54) HEATER PLATE ASSEMBLY IN HU-
MIDIFIER SYSTEMS FOR MEDICAL
USE
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A61M 13/00 (2006.01)
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Ross
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LIMITED
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(21) 2025204737 (22) 24.06.2025
(54) PATIENT INTERFACE AND ASPECTS
THEREOF
(51) Int. Cl.
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)
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DOWNEY, Jonathan Mark; COLLINS,
Janine
(74) AJ PARK

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(21) 2024278569 (22) 18.12.2024
(54) Method of producing crimped edge
tart bases in a machine for processing
pastry portions for the production of
crimped edge tart bases and such a
processing machine
(51) Int. Cl.
A21C 11/08 (2006.01)
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(72) WINGER, Christian; MULLER, Olivier;
WINGER, Loïc; CHOULOT, Jacques;
JEUNET, Lionel
(74) FPA Patent Attorneys Pty Ltd

(71) Flow International Corporation
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(54) Land cultivating systems and methods
utilizing high-pressure fluid jet cutting
techniques
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A01C 5/06 (2006.01)
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(54) A wear sensor system
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G01B 7/16 (2006.01)
F16D 66/02 (2006.01)
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GOLDBERG, Richard David; AREFIN,
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Bhd
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G16H 50/20 (2018.01)
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nah Marie; TEE, Lip Jin
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H03M 7/40 (2006.01)
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Detlev; SCHIERL, Thomas
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lations, Compositions, And Methods
(51) Int. Cl.
A61K 38/03 (2006.01)
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BROWN, Beth Anne-Szkudlarek
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(11) AU-A-2025204705
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(54) Improvements to downhole surveying
and core sample orientation systems,
devices and methods
(51) Int. Cl.
E21B 25/16 (2006.01)
E21B 47/02 (2006.01)

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(72) Hejleh, Khaled Mufid Yousef
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(71) Gongwin Biopharm Co., Ltd
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(54) Method for treating peripheral nerve
sheath tumor

(51) Int. Cl.
A61K 31/18 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
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A61P 35/00 (2006.01)

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ZHONG, Nan-Shan
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(71) GOOGLE LLC
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(54) PERFORMING UNBIASED FERMI-
ONIC QUANTUM MONTE CARLO
CALCULATIONS USING QUANTUM
COMPUTERS AND SHADOW TOMO-
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G06N 10/60 (2022.01)
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(51) Int. Cl.
F24F 13/28 (2006.01)
B01D 46/42 (2006.01)
B01D 46/44 (2006.01)
F24F 1/031 (2019.01)
F24F 7/003 (2021.01)

F24F 8/108 (2021.01)
F24F 11/30 (2018.01)
F24F 11/523 (2018.01)
F24F 11/58 (2018.01)
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(72) PI, Hongming
(74) PATENTS AU PTY LTD

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(54) SYSTEM AND METHOD FOR RE-
MOTELY OBTAINING DONOR IN-
FORMATION
(51) Int. Cl.
G16H 10/60 (2018.01)
G06Q 10/00 (2023.01)
G06Q 50/22 (2024.01)

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(72) TAN, Melvin
(74) Griffith Hack

(71) Halo Smart Solutions, Inc.
(11) AU-A-2025204548
(21) 2025204548 (22) 18.06.2025
(54) HEAT-NOT-BURN ACTIVITY DETEC-
TION DEVICE, SYSTEM AND METH-
OD
(51) Int. Cl.
G08B 21/18 (2006.01)
G01N 33/00 (2006.01)
H04N 7/18 (2006.01)

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burt, Paul; Plunkett, John B.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Hanshow Technology Co., Ltd.
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(54) Method, apparatus and device for gen-
erating display information of electronic
price tag and medium
(51) Int. Cl.
G09G 5/06 (2006.01)
G09G 3/20 (2006.01)
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(72) LIANG, Min; JIANG, Qi; MA, Ruilei;
ZHONG, Xi
(74) GLMR

(71) HANWHA CORPORATION
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(54) Apparatus And Method For Operating
Blasting Management Application
(51) Int. Cl.
G06Q 50/02 (2024.01)

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(72) KIM, Jong Yeop; KIM, Yong Sick
(74) WRAYS PTY LTD

(71) Hiab AB
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(54) Working equipment assembly
(51) Int. Cl.
B66F 9/065 (2006.01)
B62D 49/00 (2006.01)
B65D 88/00 (2006.01)
B66F 11/00 (2006.01)
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(72) VÄHÄ-PIIKKIÖ, Ville
(74) GLMR

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2025204546
(21) 2025204546 (22) 18.06.2025
(54) VIDEO ENCODER, VIDEO DECODER,
AND CORRESPONDING ENCODING
AND DECODING METHODS
(51) Int. Cl.
H04N 19/593 (2014.01)
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(72) Ma, Xiang; Zhao, Yin; Yang, Haitao;
Chen, Jianle
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2025204559
(21) 2025204559 (22) 18.06.2025
(54) MULTI-LINK COMMUNICATION
SETUP METHOD AND RELATED AP-
PARATUS
(51) Int. Cl.
H04L 69/14 (2022.01)
(43) 10.07.2025
(62) 2024202867
(72) Guo, Yuchen; Huang, Guogang; Li,
Yunbo; Gan, Ming
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2025204605
(21) 2025204605 (22) 19.06.2025
(54) Display method and apparatus
(51) Int. Cl.
G06F 3/14 (2006.01)
H04M 1/725 (2021.01)
H04N 5/74 (2006.01)

(43) 10.07.2025
(62) 2023203591
(72) ZHU, Dengkui; WANG, Quanquan
(74) Spruson & Ferguson

(71) HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2025204625
(21) 2025204625 (22) 19.06.2025
(54) METHOD FOR PERFORMING FEED-
BACK BASED ON CHANNEL STATE

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(51) Int. Cl.
H04B 7/06 (2006.01)
(43) 10.07.2025
(62) 2022245713
(72) DU, Rui; LIU, Chenchen; HAN, Xiao; ZHANG, Meihong; SUN, Yingxiang; LI, Yunbo
(74) Halfords IP

(71) Huwais IP Holding LLC
(11) AU-A-2025204587
(21) 2025204587 (22) 19.06.2025
(54) Anchor With Healing Chambers
(51) Int. Cl.
A61C 8/00 (2006.01)
A61B 17/70 (2006.01)
A61B 17/86 (2006.01)
(43) 10.07.2025
(62) 2019365096
(72) HUWAIS, Salah
(74) WRAYS PTY LTD

(71) iCell Gene Therapeutics LLC
(11) AU-A-2025204620
(21) 2025204620 (22) 19.06.2025
(54) Chimeric antigen receptors (CARs), compositions and methods thereof
(51) Int. Cl.
A61K 31/4545 (2006.01)
A61K 35/14 (2015.01)
(43) 10.07.2025
(62) 2018288814
(72) MA, Yupo; PINZ, Kevin; JIANG, Xun; WADA, Masayuki; CHEN, Kevin
(74) Spruson & Ferguson

(71) Iconic Fan Company Pty Ltd
(11) AU-A-2024287130
(21) 2024287130 (22) 20.12.2024
(54) Light Controller Suitable for LED Lights
(51) Int. Cl.
H05B 45/3725 (2020.01)
F21V 23/00 (2015.01)
F21V 23/04 (2006.01)
H05B 45/10 (2020.01)
H05B 45/20 (2020.01)
H05B 45/31 (2020.01)
(31) 2023904191 (32) 21.12.23 (33) AU
(43) 10.07.2025
(72) Leung, Tsz Hin
(74) Chrysiliou IP

(71) Idemia Identity & Security France
(11) AU-A-2024266918
(21) 2024266918 (22) 27.11.2024
(54) Method for verifying timestamps delivered by a traffic enforcement unit
(51) Int. Cl.
G06F 11/36 (2006.01)
G06F 11/00 (2006.01)
H04J 3/14 (2006.01)
H04J 3/26 (2006.01)
(31) 2314933 (32) 21.12.23 (33) FR

(43) 10.07.2025
(72) MORICEAU, Damien; FERRERI, Jean-Thomas; DERGANE, Pascal
(74) FPA Patent Attorneys Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2024278553
(21) 2024278553 (22) 18.12.2024
(54) Washer and method of providing anchorage
(51) Int. Cl.
F16B 43/00 (2006.01)
F16B 43/02 (2006.01)
(31) 2023904183 (32) 21.12.23 (33) AU
(43) 10.07.2025
(72) HICK, Lachlan Lingard; TREZISE, Joshua David
(74) Davies Collison Cave Pty Ltd

(71) ImmunoGen, Inc.
(11) AU-A-2025204489
(21) 2025204489 (22) 17.06.2025
(54) Maytansinoid derivatives with self-immolative peptide linkers and conjugates thereof
(51) Int. Cl.
A61K 47/65 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
(43) 10.07.2025
(62) 2018229277
(72) Widdison, Wayne C.
(74) Davies Collison Cave Pty Ltd

(71) INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
(11) AU-A-2024201599
(21) 2024201599 (22) 12.03.2024
(54) VEHICLE CONTROL SYSTEM AND VEHICLE CONTROL METHOD THEREOF
(51) Int. Cl.
B60W 50/00 (2006.01)
B60W 10/18 (2012.01)
B60W 10/20 (2006.01)
B60W 30/02 (2012.01)
B60W 30/18 (2012.01)
B60W 40/072 (2012.01)
B60W 40/076 (2012.01)
B60W 40/105 (2012.01)
B60W 40/107 (2012.01)
B60W 40/109 (2012.01)
B60W 40/11 (2012.01)
G01C 19/00 (2013.01)
(31) 112150292 (32) 22.12.23 (33) TW
(43) 10.07.2025
(72) WU, Ming Xuan
(74) Churchill Attorneys

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(21) 2025204598

(71) Inscripta, Inc.
(11) AU-A-2025202794

(21) 2025202794 (22) 22.04.2025
(54) Novel MAD nucleases
(51) Int. Cl.
C12N 15/09 (2006.01)
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C12N 15/113 (2010.01)
C12N 15/52 (2006.01)
(43) 10.07.2025
(62) 202402526
(72) MIJTS, Benjamin; KIM, Juhan; MIR, Aamir; GARST, Andrew; SEAMON, Kyle
(74) FB Rice Pty Ltd

(71) INSPECTREALESTATE.COM.AU PTY LTD
(11) AU-A-2025204586
(21) 2025204586 (22) 19.06.2025
(54) KEY MANAGEMENT SYSTEM
(51) Int. Cl.
G06Q 50/16 (2024.01)
(43) 10.07.2025
(62) 2019324732
(72) PETTERSSON, Dylan
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Instrumentation Laboratory Company
(11) AU-A-2024227508
(21) 2024227508 (22) 21.10.2024
(54) Solid-State Reference Electrode
(51) Int. Cl.
G01N 27/403 (2006.01)
G01N 33/487 (2006.01)
(31) 18/390,317 (32) 20.12.23 (33) US
(43) 10.07.2025
(72) Mansouri, Sohrab; Karimi, Anahita
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) intoDNA Spółka Akcyjna
(11) AU-A-2025204746
(21) 2025204746 (22) 24.06.2025
(54) Method of detection of DNA end(s) and its use
(51) Int. Cl.
C12Q 1/68 (2018.01)
(43) 10.07.2025
(62) 2017427804
(72) KORDON, Magdalena; ZAREBSKI, Mirosław; DOBRUCKI, Jerzy; SOLAR-CZYK, Kamil
(74) FB Rice Pty Ltd

(71) Intuit Inc.
(11) AU-A-2024266910
(21) 2024266910 (22) 26.11.2024
(54) System for adaptive prompt enhancement in generative artificial intelligence
(51) Int. Cl.
G06N 3/12 (2023.01)
G06N 5/04 (2023.01)
G06N 20/20 (2019.01)
(31) 18/392,159 (32) 21.12.23 (33) US

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(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2024278214
(21) 2024278214 (22) 09.12.2024
(54) Hybrid 2D-detector
(51) Int. Cl.
G01T 1/02 (2006.01)
G01J 1/42 (2006.01)
G01N 23/00 (2006.01)
G01T 1/29 (2006.01)
(31) 23220222.6 (32) 26.12.23 (33) EP
(43) 10.07.2025
(72) ROSSOMME, Séverine; DE BECO, Victor; SOURIS, Kevin; OSTERRIETH, Cédric
(74) Spruson & Ferguson

(71) IronRidge, Inc.
(11) AU-A-2025204593
(21) 2025204593 (22) 19.06.2025
(54) Flashing And Bracket Mount Assembly For Securing Solar Panel Rail Guides On Shingle Roofs
(51) Int. Cl.
H02S 20/00 (2014.01)
E04D 1/12 (2006.01)
(43) 10.07.2025
(62) 2020387552
(72) JUSTICE, Anumeha; PEDLAR, Roger; ASH, Jon; LESTER, Bryan; SIROCHMAN, Joseph P.
(74) WRAYS PTY LTD

(71) IR Scientific Inc.
(11) AU-A-2025204726
(21) 2025204726 (22) 23.06.2025
(54) Glass composition
(51) Int. Cl.
C03C 3/14 (2006.01)
A61K 6/20 (2020.01)
A61K 8/19 (2006.01)
A61K 8/25 (2006.01)
A61K 33/00 (2006.01)
A61P 1/02 (2006.01)
A61Q 11/00 (2006.01)
C03C 3/23 (2006.01)
(43) 10.07.2025
(62) 2019335429
(72) BOYD, Daniel; O'CONNELL, Kathleen; MACDONALD-PARSONS, Kathleen Naomi
(74) FPA Patent Attorneys Pty Ltd

(71) i-SENS, INC.
(11) AU-A-2024287125
(21) 2024287125 (22) 20.12.2024
(54) APPLICATOR AND APPLICATOR ASSEMBLY
(51) Int. Cl.
A61B 5/145 (2006.01)
(31) 10-2023-0188467 (32) 21.12.23 (33) KR

(43) 10.07.2025
(72) CHO, Hee Kyung; CHOI, Hyun Ho; PARK, Kyeongseok
(74) LAMINAR IP PTY LTD

(71) i-SENS, INC.
(11) AU-A-2024287126
(21) 2024287126 (22) 20.12.2024
(54) APPLICATOR AND APPLICATOR ASSEMBLY
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/155 (2006.01)
A61M 5/158 (2006.01)
(31) 10-2023-0188468 (32) 21.12.23 (33) KR
(43) 10.07.2025
(72) CHO, Hee Kyung; CHOI, Hyun Ho; PARK, Kyeongseok
(74) LAMINAR IP PTY LTD

(71) James Hardie Technology Limited
(11) AU-A-2025204566
(21) 2025204566 (22) 18.06.2025
(54) INTEGRALLY WATERPROOF FIBER CEMENT COMPOSITE MATERIAL
(51) Int. Cl.
C04B 28/02 (2006.01)
C04B 16/02 (2006.01)
C04B 20/12 (2006.01)
(43) 10.07.2025
(62) 2019374805
(72) NAJI, Basil; LUO, Caidian; DONES, Noel
(74) James Hardie Technology Limited c/o James Hardie Industries plc

(71) James Hardie Technology Limited
(11) AU-A-2025204699
(21) 2025204699 (22) 20.06.2025
(54) METHODS OF REDUCING FIBER CEMENT WASTE AND FIBER CEMENT ARTICLES PRODUCED THEREFROM
(51) Int. Cl.
E04C 2/06 (2006.01)
E04C 2/40 (2006.01)
E04F 13/14 (2006.01)
E04C 2/00 (2006.01)
(43) 10.07.2025
(62) 2020314758
(72) BRUNTON, Greg; PAGONES, Peter; RICHARDS, Sagarika
(74) James Hardie Technology Limited c/o James Hardie Industries plc

(71) JIANGSU HENG TONG POWER CABLE CO., LTD
(11) AU-A-2024204152
(21) 2024204152 (22) 09.05.2024
(54) INSULATING MATERIAL FOR LOW-VOLTAGE POWER CABLE FOR WIND TURBINES AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C08K 5/00 (2006.01)
C08K 5/3437 (2006.01)
C08K 5/3447 (2006.01)
C08K 5/37 (2006.01)

C08L 23/16 (2006.01)
(31) 202311783398.6 (32) 22.12.23 (33) CN
(43) 10.07.2025
(72) WANG, Xinguo; GUAN, Xinyuan; LIU, Wei; KANG, Hui; QIAN, Jiangwei
(74) GLMR

(71) JIANGSU XCMG STATE KEY LABORATORY TECHNOLOGY CO., LTD.
(11) AU-A-2024205562
(21) 2024205562 (22) 29.04.2024
(54) METHOD FOR EXTRACTING DOCUMENT INFORMATION, DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
G06F 40/205 (2020.01)
G06F 8/10 (2018.01)
G06F 8/77 (2018.01)
G06F 40/30 (2020.01)
(31) 202311760500.0 (32) 20.12.23 (33) CN
(43) 10.07.2025
(72) WANG, Bin; LI, Hanshuang; WANG, Qian
(74) AJ PARK

JOYCE, R.D. see Jumpstart Fertility Pty Ltd
(21) 2025204733

(71) Jumpstart Fertility Pty Ltd; Life Biosciences, Inc.; MARCUCCIO, S.M.; JOYCE, R.D.; WATHIER, M.; TUCKER, S.; DOLLE, R.
(11) AU-A-2025204733
(21) 2025204733 (22) 24.06.2025
(54) QUATERNARY AMMONIUM SALTS OF NICOTINIC ACID AND NICOTINAMIDE MONONUCLEOTIDES AND RIBOSIDES AS ANTI-AGING AGENTS
(51) Int. Cl.
A61P 15/08 (2006.01)
A61K 31/7064 (2006.01)
C07H 19/048 (2006.01)
(43) 10.07.2025
(62) 2019314476
(72) MARCUCCIO, Sebastian Mario; JOYCE, Rohan David; WATHIER, Michel; DOLLE, Roland; TUCKER, Simon
(74) RNB IP PTY LTD

(71) Kazacos AI Pty Ltd
(11) AU-A-2024278643
(21) 2024278643 (22) 19.12.2024
(54) INTERACTIVE STORY GENERATION METHODS AND SYSTEMS
(51) Int. Cl.
G09B 5/04 (2006.01)
G06F 16/438 (2019.01)
G06F 40/166 (2020.01)
G06F 40/56 (2020.01)
(31) 2023904151 (32) 20.12.23 (33) AU
(43) 10.07.2025
(72) Aume, Cameron; Kazacos, Peter
(74) K&L Gates

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(11) AU-A-2025204598

(21) 2025204598 (22) 19.06.2025

(54) Analysis and characterization of epithelial tissue structure

(51) Int. Cl.

G06V 10/25 (2022.01)

A61Q 19/00 (2006.01)

G01N 33/50 (2006.01)

G06T 7/00 (2017.01)

G06V 10/26 (2022.01)

G06V 10/42 (2022.01)

G06V 10/44 (2022.01)

G06V 10/70 (2022.01)

G06V 10/75 (2022.01)

G06V 20/69 (2022.01)

(43) 10.07.2025

(62) 2022345529

(72) DESCOMBES, Xavier; LBOUKILI, Imane; ODDOS, Thierry; STAMATAS, Georgios N.

(74) Spruson & Ferguson

(71) Koninklijke Philips N.V.

(11) AU-A-2025204609

(21) 2025204609 (22) 19.06.2025

(54) Method for encoding/decoding image signal, and device for same

(51) Int. Cl.

H04N 19/119 (2014.01)

H04N 19/109 (2014.01)

H04N 19/174 (2014.01)

H04N 19/527 (2014.01)

H04N 19/70 (2014.01)

(43) 10.07.2025

(62) 2020296613

(72) LEE, Bae Keun

(74) FB Rice Pty Ltd

(71) Koninklijke Philips N.V.

(11) AU-A-2025204616

(21) 2025204616 (22) 19.06.2025

(54) Method for encoding/decoding image signal, and device for same

(51) Int. Cl.

H04N 19/119 (2014.01)

H04N 19/109 (2014.01)

H04N 19/174 (2014.01)

H04N 19/527 (2014.01)

H04N 19/70 (2014.01)

(43) 10.07.2025

(62) 2020296613

(72) LEE, Bae Keun

(74) FB Rice Pty Ltd

(71) Koninklijke Philips N.V.

(11) AU-A-2025204619

(21) 2025204619 (22) 19.06.2025

(54) Method for encoding/decoding image signal, and device for same

(51) Int. Cl.

H04N 19/119 (2014.01)

H04N 19/109 (2014.01)

H04N 19/174 (2014.01)

H04N 19/527 (2014.01)

H04N 19/70 (2014.01)

(43) 10.07.2025

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(72) LEE, Bae Keun

(74) FB Rice Pty Ltd

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(11) AU-A-2025204623

(21) 2025204623 (22) 19.06.2025

(54) Method for encoding/decoding image signal, and device for same

(51) Int. Cl.

H04N 19/119 (2014.01)

H04N 19/109 (2014.01)

H04N 19/174 (2014.01)

H04N 19/527 (2014.01)

H04N 19/70 (2014.01)

(43) 10.07.2025

(62) 2020296613

(72) LEE, Bae Keun

(74) FB Rice Pty Ltd

(71) Kradle Software Pty Ltd

(11) AU-A-2025204607

(21) 2025204607 (22) 19.06.2025

(54) A system and method for navigating web-based software applications

(51) Int. Cl.

G06F 3/0481 (2022.01)

G06F 16/954 (2019.01)

G06F 16/957 (2019.01)

(43) 10.07.2025

(62) 2019216586

(72) HADDON, Michael

(74) Spruson & Ferguson

(71) Krystal Biotech, Inc.

(11) AU-A-2025204575

(21) 2025204575 (22) 19.06.2025

(54) Compositions and methods for the treatment of wounds, disorders, and diseases of the skin

(51) Int. Cl.

C12N 15/869 (2006.01)

A61K 38/39 (2006.01)

A61K 48/00 (2006.01)

A61P 17/00 (2006.01)

C07K 14/47 (2006.01)

C07K 14/78 (2006.01)

C07K 19/00 (2006.01)

C12N 9/02 (2006.01)

(43) 10.07.2025

(62) 2025200334

(72) KRISHNAN, Suma; AGARWAL, Pooja

(74) Griffith Hack

KZJ NEW MATERIALS GROUP CO.,

LTD. see KZJ NEW MATERIALS GROUP SHANXI CO., LTD.

(21) 2024203457

(71) KZJ NEW MATERIALS GROUP

SHANXI CO., LTD.; KZJ NEW MATERIALS GROUP CO., LTD.

(11) AU-A-2024203457

(21) 2024203457 (22) 28.03.2024

(54) ETHER-TYPE POLYCARBOXYLATE SLUMP-RETAINING AGENT, AND PREPARATION METHOD AND APPLICATION THEREOF

(51) Int. Cl.

C04B 24/26 (2006.01)

C08F 212/14 (2006.01)

C08F 220/06 (2006.01)

C08F 220/20 (2006.01)

C08F 283/06 (2006.01)

(31) 202311794952.0 (32) 25.12.23 (33) CN

(43) 10.07.2025

(72) KE, Yulian; AN, Xiaoqiang; FANG, Yunhui; YU, Kangjian; LI, Xinpeng

(74) A.P.T. Patent and Trade Mark Attorneys

(71) Lam, T.T.

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(21) 2024200303 (22) 17.01.2024

(54) MACHINE LEARNING BASED MULTI OBJECTIVE OPTIMAL CONTROL SYSTEM FOR ELECTRIC GENERATORS

(51) Int. Cl.

F03B 13/22 (2006.01)

F03B 13/16 (2006.01)

F16C 32/04 (2006.01)

G06N 3/02 (2006.01)

H02K 51/00 (2006.01)

H02P 9/00 (2006.01)

H02P 17/00 (2006.01)

G06F 30/27 (2020.01)

H02K 7/09 (2006.01)

H02K 49/10 (2006.01)

(31) 2023904250 (32) 26.12.23 (33) AU

2024900024 05.01.24 AU

(43) 10.07.2025

(72) Lam, Thanh Tri

(74) Thanh Tri Lam

(71) LG Electronics Inc.

(11) AU-A-2025204719

(21) 2025204719 (22) 23.06.2025

(54) HOME APPLIANCE PROVIDED WITH VIEWING WINDOW

(51) Int. Cl.

F24C 3/12 (2006.01)

F24C 15/00 (2006.01)

G01P 15/00 (2006.01)

G01P 15/097 (2006.01)

H05B 47/105 (2020.01)

(43) 10.07.2025

(62) 2023278088

(72) KIM, Jeong Kil; LEE, Wang Lim; JEONG, Seong Ho

(74) Dentons Patent Attorneys Australasia Limited

Life Biosciences, Inc. see Jumpstart Fertility Pty Ltd

(21) 2025204733

(71) Lifeguard-AI Inc.

(11) AU-A-2024278218

(21) 2024278218 (22) 09.12.2024

(54) WATER BODY MONITORING DEVICE

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(51) Int. Cl.
G08B 21/08 (2006.01)
G08B 25/01 (2006.01)
(31) 63/613107 (32) 21.12.23 (33) US
18/739036 10.06.24 US
(43) 10.07.2025
(72) ROSENBERG, Noson; KAPMAR, Alex
(74) Halfords IP

(71) LSI Solutions, Inc.
(11) AU-A-2025204682
(21) 2025204682 (22) 20.06.2025
(54) DOCK FOR SURGICAL EQUIPMENT HOLDER

(51) Int. Cl.
A61B 90/50 (2016.01)
A61B 17/02 (2006.01)
A61B 50/20 (2016.01)
A61B 50/24 (2016.01)
A61B 90/57 (2016.01)

(43) 10.07.2025
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(72) SAUER, Jude S.; BOSECK, Benjamin James; HAMMOND, John F.; MARELLARO, Angelo John; WRONA, Matthew
(74) Halfords IP

(71) Mansell, J.
(11) AU-A-2025204714
(21) 2025204714 (22) 23.06.2025
(54) Spinal cord stimulator
(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
(43) 10.07.2025
(62) 2023248175
(72) Mansell, John
(74) Davies Collision Cave Pty Ltd

(71) Maplebear, Inc. (dba Instacart)
(11) AU-A-2025204745
(21) 2025204745 (22) 24.06.2025
(54) Providing information for locating an item within a warehouse from a shopper to other shoppers retrieving the item from the warehouse
(51) Int. Cl.
G06Q 10/08 (2024.01)
G06Q 20/20 (2012.01)
G06Q 30/00 (2023.01)
G06Q 30/06 (2023.01)
(43) 10.07.2025
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(72) ANDONOVA, Viktoriya; GLUHOVIC, Djordje; GOLIVKIN, Maksim; JENKINS, Chris; KNIGHT, Ben; RAO, Sharath; RUDNICK, Christopher; SEJPAL, Riddhima; VAN HORNE, Camille; ZHUANG, Mingzhe
(74) FB Rice Pty Ltd

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(21) 2025204733

(71) Marengo Therapeutics, Inc.
(11) AU-A-2025204594
(21) 2025204594 (22) 19.06.2025
(54) Multifunctional molecules that bind to T cells and uses thereof to treat autoimmune disorders
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 37/02 (2006.01)
(43) 10.07.2025
(62) 2020224680
(72) LOEW, Andreas; TAN, Seng-Lai; HSU, Jonathan; VASH, Brian Edward; MAIOCCO, Stephanie J.; MALHOTRA, Nidhi; KATRAGADDA, Madan
(74) Spruson & Ferguson

Massachusetts Institute of Technology see Abiomed, Inc.
(21) 2025204555

(71) Meso Scale Technologies, LLC
(11) AU-A-2025204723
(21) 2025204723 (22) 23.06.2025
(54) CONSUMABLE DATA MANAGEMENT
(51) Int. Cl.
G06F 19/00 (2018.01)
(43) 10.07.2025
(62) 2023202957
(72) Cong, Xinri; Jackson, Jerome; Stevens, Carl; Vock, Michael; Wohlstadter, Jacob N.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) MIND MEDICINE, INC.
(11) AU-A-2025204612
(21) 2025204612 (22) 19.06.2025
(54) MDMA enantiomers
(51) Int. Cl.
C07C 231/02 (2006.01)

(43) 10.07.2025
(62) 2022269557
(72) BARROW, Robert; KARLIN, Daniel R.
(74) FPA Patent Attorneys Pty Ltd

(71) Minelab Electronics Pty. Limited
(11) AU-A-2024287101
(21) 2024287101 (22) 20.12.2024
(54) AN IMPROVED METAL DETECTOR
(51) Int. Cl.
H01B 7/04 (2006.01)
G01V 3/10 (2006.01)
H01B 11/18 (2006.01)
H01F 27/28 (2006.01)

(31) 2023904239 (32) 22.12.23 (33) AU
(43) 10.07.2025
(72) Candy, Bruce Halcro
(74) Madderns Pty Ltd

(71) Myosa Pty Ltd
(11) AU-A-2025204608
(21) 2025204608 (22) 19.06.2025
(54) APPARATUS AND METHOD FOR TREATMENT OF SLEEP DISORDER BREATHING
(51) Int. Cl.

A61F 5/56 (2006.01)
(43) 10.07.2025
(62) 2024205577
(72) FARRELL, Christopher John
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Nanjing Chervon Industry Co., Ltd.
(11) AU-A-2024264581
(21) 2024264581 (22) 12.11.2024
(54) POWER TOOL, POWER DEVICE, AND BATTERY PACK
(51) Int. Cl.
H05K 3/28 (2006.01)
B23B 45/02 (2006.01)
H05K 1/00 (2006.01)
H05K 1/18 (2006.01)
H05K 5/02 (2006.01)
(31) 202311788977.X (32) 22.12.23 (33) CN
(43) 10.07.2025
(72) Cheng, Yugang
(74) Madderns Pty Ltd

(71) National University Corporation Ehime University
(11) AU-A-2025204510
(21) 2025204510 (22) 17.06.2025
(54) Car library and scFv manufacturing method
(51) Int. Cl.
C07K 14/47 (2006.01)
C07K 14/705 (2006.01)
C07K 16/00 (2006.01)
C07K 16/46 (2006.01)
C07K 19/00 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/62 (2006.01)
C12P 21/02 (2006.01)
C12P 21/08 (2006.01)
C12Q 1/02 (2006.01)
C12Q 1/04 (2006.01)
C40B 30/04 (2006.01)
C40B 40/08 (2006.01)
C40B 40/10 (2006.01)
C40B 50/06 (2006.01)
G01N 33/531 (2006.01)

(43) 10.07.2025
(62) 2023204079
(72) OCHI, Toshiki; YASUKAWA, Masaki; FUJIWARA, Hiroshi; TAKENAKA, Katsuto
(74) Spruson & Ferguson

(71) NEWFANGLED TECH PTY LTD
(11) AU-A-2024278578
(21) 2024278578 (22) 18.12.2024
(54) A process for treating a dirty solid material optionally from excavation
(51) Int. Cl.
B03B 9/06 (2006.01)
B01D 21/26 (2006.01)
B01D 29/11 (2006.01)
B01D 29/60 (2006.01)
B03B 5/42 (2006.01)

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B03B 5/56 (2006.01)
B07B 1/08 (2006.01)
B07B 1/22 (2006.01)
C02F 11/122 (2019.01)
C02F 11/127 (2019.01)
B03B 11/00 (2006.01)
(31) 2023904238 **(32)** 22.12.23 **(33)** AU
(43) 10.07.2025
(72) Keyes, Adam; Rea, John; Buhler, Edward
(74) JMSD IP Pty Ltd

(71) Northeastern University; The Schepens Eye Research Institute, Inc.
(11) AU-A-2025204731
(21) 2025204731 **(22)** 24.06.2025
(54) Bioadhesive for soft tissue repair
(51) Int. Cl.
A61F 2/14 (2006.01)
C08G 81/00 (2006.01)
C08L 101/14 (2006.01)
(43) 10.07.2025
(62) 2019361962
(72) DANA, Reza; KHEIRKHAH, Ahmad; ANNABI, Nasim; SANI, Ehsan Shirzaei
(74) RnB IP Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024205788
(21) 2024205788 **(22)** 15.08.2024
(54) Tomato variety NUN 08605 TOF
(51) Int. Cl.
A01H 6/82 (2018.01)
A01H 1/02 (2006.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
(31) 63/614259 **(32)** 22.12.23 **(33)** US
(43) 10.07.2025
(72) Wanten, Pascal
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024219878
(21) 2024219878 **(22)** 19.09.2024
(54) CARROT VARIETY NUN 13123 CAC
(51) Int. Cl.
A01H 6/06 (2018.01)
A01H 5/06 (2018.01)
(31) 2023904195 **(32)** 22.12.23 **(33)** AU
(43) 10.07.2025
(72) Oostveen, Robert
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287074
(21) 2024287074 **(22)** 20.12.2024
(54) Melon Variety NUN 16721 MEM
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 5/08 (2018.01)
(31) 63/613,736 **(32)** 21.12.23 **(33)** US
(43) 10.07.2025
(72) Ginoux, Jean Paul
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287079
(21) 2024287079 **(22)** 20.12.2024
(54) Lettuce variety NUN 09245 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/613,732 **(32)** 21.12.23 **(33)** US
(43) 10.07.2025
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287121
(21) 2024287121 **(22)** 20.12.2024
(54) MELON VARIETY NUN 71579 MEM
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 5/08 (2018.01)
(31) 2023904237 **(32)** 22.12.23 **(33)** AU
(43) 10.07.2025
(72) Ando, Kaori
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287161
(21) 2024287161 **(22)** 23.12.2024
(54) Lettuce variety NUN 10006 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/614156 **(32)** 22.12.23 **(33)** US
(43) 10.07.2025
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287162
(21) 2024287162 **(22)** 23.12.2024
(54) Lettuce variety NUN 11016 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/614156 **(32)** 22.12.23 **(33)** US
(43) 10.07.2025
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287165
(21) 2024287165 **(22)** 23.12.2024
(54) Lettuce variety NUN 11025 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/614156 **(32)** 22.12.23 **(33)** US
(43) 10.07.2025
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287168
(21) 2024287168 **(22)** 23.12.2024
(54) Lettuce variety NUN 11027 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)

A01H 5/12 (2018.01)
(31) 63/614156 **(32)** 22.12.23 **(33)** US
(43) 10.07.2025
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287170
(21) 2024287170 **(22)** 23.12.2024
(54) Lettuce variety NUN 11005 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/614,039 **(32)** 22.12.23 **(33)** US
(43) 10.07.2025
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287173
(21) 2024287173 **(22)** 23.12.2024
(54) Lettuce variety NUN 13005 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/613,747 **(32)** 21.12.23 **(33)** US
(43) 10.07.2025
(72) Munoz Munoz, Juan Francisco
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287175
(21) 2024287175 **(22)** 23.12.2024
(54) Lettuce variety NUN 11023 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/614084 **(32)** 22.12.23 **(33)** US
(43) 10.07.2025
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287180
(21) 2024287180 **(22)** 23.12.2024
(54) Watermelon variety NUN 31706 WMW
(51) Int. Cl.
A01H 6/34 (2018.01)
A01H 5/08 (2018.01)
(31) 63/614329 **(32)** 22.12.23 **(33)** US
(43) 10.07.2025
(72) Chiapparino, Elena
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024287182
(21) 2024287182 **(22)** 23.12.2024
(54) Lettuce variety NUN 11028 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/614084 **(32)** 22.12.23 **(33)** US
(43) 10.07.2025
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

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(71) Nunhems B.V.
 (11) AU-A-2024287185
 (21) 2024287185 (22) 23.12.2024
 (54) Watermelon variety NUN 32206 WMW
 (51) Int. Cl.
A01H 6/34 (2018.01)
A01H 5/08 (2018.01)
 (31) 63/614342 (32) 22.12.23 (33) US
 (43) 10.07.2025
 (72) Echeverry Solarte, Morgan
 (74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
 (11) AU-A-2024287188
 (21) 2024287188 (22) 23.12.2024
 (54) Watermelon variety NUN 32202 WMW
 (51) Int. Cl.
A01H 6/34 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
A01H 5/10 (2018.01)
 (31) 63/614342 (32) 22.12.23 (33) US
 (43) 10.07.2025
 (72) Echeverry Solarte, Morgan
 (74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
 (11) AU-A-2024287191
 (21) 2024287191 (22) 23.12.2024
 (54) Watermelon variety NUN 32203 WMW
 (51) Int. Cl.
A01H 6/34 (2018.01)
A01H 5/08 (2018.01)
 (31) 63/614,342 (32) 22.12.23 (33) US
 (43) 10.07.2025
 (72) Echeverry Solarte, Morgan
 (74) Davies Collison Cave Pty Ltd

(71) OBAYASHI CORPORATION
 (11) AU-A-2024387089
 (21) 2024387089 (22) 10.10.2024
 (54) CONSTRUCTION ASSISTANCE SYSTEM, CONSTRUCTION ASSISTANCE METHOD, AND CONSTRUCTION ASSISTANCE PROGRAM
 (51) Int. Cl.
G06Q 50/08 (2012.01)
G05D 1/00 (2024.01)
G06Q 10/063 (2023.01)
 (31) 2023-212802 (32) 18.12.23 (33) JP
 (43) 10.07.2025
 (72) SUGIURA Shinya; MOCHIZUKI Katsunori
 (74) JMSPD IP Pty Ltd

(71) Ohio State Innovation Foundation
 (11) AU-A-2025204758
 (21) 2025204758 (22) 24.06.2025
 (54) COMPOSITIONS AND METHODS FOR THE ASSESSMENT OF SOIL QUALITY
 (51) Int. Cl.
G01N 21/00 (2006.01)
 (43) 10.07.2025
 (62) 2019333326
 (72) ISLAM, Khandakar
 (74) RNB IP PTY LTD

(71) ORCA CONNEX AS
 (11) AU-A-2025204743
 (21) 2025204743 (22) 24.06.2025
 (54) SYSTEM AND METHOD FOR DELIVERING COOLING WATER TO SUBMERGED DATA PROCESSING EQUIPMENT
 (51) Int. Cl.
H05K 7/20 (2006.01)
F25D 1/02 (2006.01)
 (43) 10.07.2025
 (62) 2023338593
 (72) BORØ, Yngvar; BERGE, Roar; NÆSS, Andreas Hauland; TOLLEVIK, Sigurd
 (74) Integrated IP

(71) Orthocell Limited
 (11) AU-A-2025204550
 (21) 2025204550 (22) 18.06.2025
 (54) ARTIFICIAL PERIOSTEUM
 (51) Int. Cl.
A61K 9/70 (2006.01)
A61L 27/00 (2006.01)
 (43) 10.07.2025
 (62) 2019339920
 (72) ZHENG, Ming-Hao
 (74) Integrated IP

(71) Peloton Technology, Inc.
 (11) AU-A-2025204581
 (21) 2025204581 (22) 19.06.2025
 (54) Control of automated following in vehicle convoys
 (51) Int. Cl.
B60W 30/14 (2006.01)
B60W 30/16 (2020.01)
B60W 30/165 (2020.01)
B60W 30/17 (2020.01)
B60W 30/18 (2012.01)
B60W 30/188 (2012.01)
G08G 1/16 (2006.01)
 (43) 10.07.2025
 (62) 2019301524
 (72) LAWS, Shad M.; SWITKES, Joshua P.; GAVRYSH, Art; TANGE, Marc; HERBERT, Mark; TWITTY, Colleen; HOGLE, Dean; TAMONEY, Andrew; MONSLER, Eric; ROSARIO, Carlos; BAYLEY, Oliver; PALLO, Richard; DONAYRE, Louis; LAUBINGER, Laurenz; SMARTT, Brian; TAM, Joyce; SILVERMAN, Brian; JARVIS, Tabitha; BHARWANI, Murad; ERLEIN, Steven; SCHUH, Austin; LUCKEVICH, Mark
 (74) Spruson & Ferguson

(71) PepsiCo, Inc.
 (11) AU-A-2025204563
 (21) 2025204563 (22) 18.06.2025
 (54) INTERMEDIATE MENU, VISUAL DESIGN TEMPLATE, AND INTERACTIVE LABEL
 (51) Int. Cl.
G06Q 30/00 (2023.01)
G06K 19/06 (2006.01)
G06Q 30/02 (2023.01)

G06Q 30/06 (2023.01)
 (43) 10.07.2025
 (62) 2020335935
 (72) PHILLIPS, John S.; BUCKLEY, Gregory; REEVES, William
 (74) James & Wells Intellectual Property

(71) Perfusion Tech ApS
 (11) AU-A-2025204617
 (21) 2025204617 (22) 19.06.2025
 (54) System and method for automatic perfusion measurement
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/026 (2006.01)
A61B 5/0275 (2006.01)
 (43) 10.07.2025
 (62) 2019285086
 (72) LUND, Morten, Toft; MADSEN, Mads, Holst, Aagaard
 (74) FB Rice Pty Ltd

(71) PFIZER INC.
 (11) AU-A-2025204708
 (21) 2025204708 (22) 23.06.2025
 (54) Methods for treatment of vitiligo
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61P 17/00 (2006.01)
 (43) 10.07.2025
 (62) 2022251188
 (72) PEEVA, Elena
 (74) Allens Patent & Trade Mark Attorneys

(71) PHARMA MAR, S.A.
 (11) AU-A-2025204567
 (21) 2025204567 (22) 18.06.2025
 (54) Combination Of Lurbinectedin And Immune Checkpoint Inhibitor
 (51) Int. Cl.
A61K 31/49 (2006.01)
G01N 33/00 (2006.01)
 (43) 10.07.2025
 (62) 2020466790
 (72) KROEMER, Guido; KEPP, Oliver
 (74) WRAYS PTY LTD

(71) Physio-Control, Inc.
 (11) AU-A-2024278605
 (21) 2024278605 (22) 19.12.2024
 (54) Efficient transfer of patient data
 (51) Int. Cl.
G16H 10/60 (2018.01)
A61B 5/00 (2006.01)
A61M 5/14 (2006.01)
A61M 16/00 (2006.01)
A61N 1/39 (2006.01)
 (31) 18/980,962 (32) 13.12.24 (33) US
 63/613,685 21.12.23 US
 (43) 10.07.2025
 (72) Frolov, Alexander; Duke, Steven Barry; Padmanabha, Seshadri K.; Rutzer, Mark; Stewart, David B.; Drew, Kevin; Killebrew, Mark G.; Skelton, Dennis M.
 (74) Davies Collison Cave Pty Ltd

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(71) Physio-Control, Inc.
(11) AU-A-2024278615
(21) 2024278615 (22) 19.12.2024
(54) External device authentication
(51) Int. Cl.
G06F 21/34 (2013.01)
G06F 21/10 (2013.01)
G06F 21/14 (2013.01)
G06F 21/31 (2013.01)
G06F 21/60 (2013.01)
G06F 21/62 (2013.01)
(31) 18/982,105 (32) 16.12.24 (33) US
63/613,707 21.12.23 US
(43) 10.07.2025
(72) Padmanabha, Seshadri K.; Skelton,
Dennis M.; Duke, Steven Barry; Mackie,
Richard; Rutzer, Mark; Wootten, James;
Frolov, Alexander; Killebrew, Mark G.;
Stewart, David B.; Bales, Robert; Beun-
ing, Gail R.
(74) Davies Collison Cave Pty Ltd

(71) Physio-Control, Inc.
(11) AU-A-2024278618
(21) 2024278618 (22) 19.12.2024
(54) Multi-device patient encounters
(51) Int. Cl.
G16H 10/60 (2018.01)
A61B 5/00 (2006.01)
A61M 5/14 (2006.01)
A61M 16/00 (2006.01)
A61N 1/39 (2006.01)
G16H 70/00 (2018.01)
(31) 18/982,112 (32) 16.12.24 (33) US
63/613,716 21.12.23 US
(43) 10.07.2025
(72) Frolov, Alexander; Skelton, Dennis M.;
Duke, Steven Barry; Rutzer, Mark; Kil-
lebrew, Mark G.; Padmanabha, Se-
shadri K.; Stewart, David B.; Wootten,
James; Bales, Robert; Mackie, Richard;
Beuning, Gail R.
(74) Davies Collison Cave Pty Ltd

(71) Pioneer Hi-Bred International, Inc.
(11) AU-A-2025204631
(21) 2025204631 (22) 20.06.2025
(54) QTLS ASSOCIATED WITH AND
METHODS FOR IDENTIFYING
WHOLE PLANT FIELD RESISTANCE
TO SCLEROTINIA
(51) Int. Cl.
C12Q 1/68 (2018.01)
A01H 5/10 (2018.01)
(43) 10.07.2025
(62) 2022204260
(72) FALAK, Igor; PRIMOMO, Valerio;
TULSIERAM, Lomas
(74) Oxygene IP

(71) Power Distribution, Inc.
(11) AU-A-2025204584
(21) 2025204584 (22) 19.06.2025
(54) UNIVERSAL TAP-OFF BOX
(51) Int. Cl.
H01H 9/22 (2006.01)
H02B 1/14 (2006.01)
H02B 1/38 (2006.01)
H02G 5/06 (2006.01)

H02G 5/08 (2006.01)
(43) 10.07.2025
(62) 2024202201
(72) Jaena, Mario L.; Shimabukuro, Yasushi
Richard
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Precision Planting LLC
(11) AU-A-2025204683
(21) 2025204683 (22) 20.06.2025
(54) AGRICULTURAL TRENCH DEPTH
SENSING SYSTEMS, METHODS,
AND APPARATUS
(51) Int. Cl.
A01C 5/06 (2006.01)
A01B 79/00 (2006.01)
A01C 7/00 (2006.01)
A01C 7/06 (2006.01)
A01C 7/20 (2006.01)
A01C 23/02 (2006.01)
G01B 11/24 (2006.01)
A01C 21/00 (2006.01)
(43) 10.07.2025
(62) 2019326066
(72) STRNAD, Michael; MINARICH, Nich-
olas
(74) Griffith Hack

(71) PureTech LYT 100, Inc.
(11) AU-A-2025204570
(21) 2025204570 (22) 19.06.2025
(54) DEUTERIUM-ENRICHED PIRFEN-
IDONE AND METHODS OF USE
THEREOF
(51) Int. Cl.
A61K 31/4418 (2006.01)
A61K 45/06 (2006.01)
A61P 7/10 (2006.01)
A61P 11/00 (2006.01)
A61P 29/00 (2006.01)
A61P 43/00 (2006.01)
(43) 10.07.2025
(62) 2019339536
(72) ELENKO, Eric; CHEN, Michael C.;
SABOUNJIAN, LuAnn
(74) Davies Collison Cave Pty Ltd

(71) Purifas Holdings Pty Ltd
(11) AU-A-2024227580
(21) 2024227580 (22) 24.10.2024
(54) Protective Sheet and Securement As-
sembly
(51) Int. Cl.
A47C 21/02 (2006.01)
A47C 31/10 (2006.01)
A61G 7/05 (2006.01)
A61F 13/15 (2006.01)
A61F 13/56 (2006.01)
(31) 2023904224 (32) 22.12.23 (33) AU
18/403,145 03.01.24 US
(43) 10.07.2025
(72) Samaan, Ibrahim
(74) Integrated IP

(71) Queen Ceramic Incorporation
(11) AU-A-2024287148
(21) 2024287148 (22) 23.12.2024

(54) Engineered stone and manufacturing
method thereof
(51) Int. Cl.
B28B 11/00 (2006.01)
B28B 3/00 (2006.01)
(31) 112150632 (32) 25.12.23 (33) TW
(43) 10.07.2025
(72) LAI, Cheng-Hsuan; CHEN, Wei-Min;
LIN, Lei
(74) Davies Collison Cave Pty Ltd

(71) Rain Hail Solutions Pty Ltd
(11) AU-A-2025204739
(21) 2025204739 (22) 24.06.2025
(54) A SYSTEM FOR A ROOF GUTTER
(51) Int. Cl.
E04D 13/064 (2006.01)
E04D 13/04 (2006.01)
E04D 13/076 (2006.01)
(43) 10.07.2025
(62) 2024203275
(72) LAURICELLA, Nick; MARSHALL,
Damien
(74) Griffith Hack

(71) Raven Industries, Inc.
(11) AU-A-2025204728
(21) 2025204728 (22) 23.06.2025
(54) Valve control system and method
(51) Int. Cl.
A01M 7/00 (2006.01)
A01C 5/06 (2006.01)
A01C 7/06 (2006.01)
A01C 23/00 (2006.01)
B05B 12/02 (2006.01)
B05B 12/08 (2006.01)
(43) 10.07.2025
(62) 2021439481
(72) KROSSCHELL, Justin; WALTNER,
Drew, John; BURGERS, Travis;
DEINES, Jacob; STEENSMA, Seth
(74) FB Rice Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2025204547
(21) 2025204547 (22) 18.06.2025
(54) NON-HUMAN ANIMALS HAVING AN
ENGINEERED IMMUNOGLOBULIN
LAMBDA LIGHT CHAIN AND USES
THEREOF
(51) Int. Cl.
A01K 67/027 (2024.01)
C07K 16/00 (2006.01)
C07K 16/46 (2006.01)
C12N 9/12 (2006.01)
(43) 10.07.2025
(62) 2018381316
(72) Murphy, Andrew J.; Macdonald, Lynn;
Guo, Chunguang; McWhirter, John
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2025204712
(21) 2025204712 (22) 23.06.2025
(54) METHODS AND COMPOSITIONS
FOR INSERTION OF ANTIBODY COD-

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ING SEQUENCES INTO A SAFE HAR- BOR LOCUS	809375 814644	21.03.24 18.09.24	NZ NZ
(51) Int. Cl. A01K 67/027 (2024.01) C07K 16/10 (2006.01) C12N 15/90 (2006.01)	(43) 10.07.2025 (72) Woodman, John Dennis (74) CreateIP		
(43) 10.07.2025 (62) 2020256225 (72) Hartford, Suzanne; Wang, Cheng; Gong, Guochun; Kyratsous, Chris- tos; Zambrowicz, Brian; Yancopoulos, George D. (74) PHILLIPS ORMONDE FITZPATRICK	(71) Robert E. W. Hancock (11) AU-A-2025204709 (21) 2025204709 (22) 23.06.2025 (54) Diagnostic for sepsis (51) Int. Cl. G01N 33/48 (2006.01) C12Q 1/68 (2018.01) C40B 30/04 (2006.01) C40B 40/08 (2006.01) (43) 10.07.2025 (62) 2022231671 (72) HANCOCK, Robert E. W.; PENA SER- RATO, Olga M.; HANCOCK, David G.; BOYD, John (74) FB Rice Pty Ltd		
(71) Reliance Worldwide Corporation (Aust.) Pty. Ltd. (11) AU-A-2025204763 (21) 2025204763 (22) 24.06.2025 (54) A Connector (51) Int. Cl. F16L 19/00 (2006.01) F16L 21/00 (2006.01) F16L 33/22 (2006.01) F16L 37/02 (2006.01) (43) 10.07.2025 (62) 2023202852 (72) Bines, Glenn; Aquino, Jayson (74) Allens Patent & Trade Mark Attorneys	(71) Robertson, C. (11) AU-A-2024278607 (21) 2024278607 (22) 19.12.2024 (54) A Slope or Level Indicating Device (51) Int. Cl. G01C 9/06 (2006.01) E02F 3/40 (2006.01) E02F 5/14 (2006.01) E02F 9/26 (2006.01) (31) 2023904116 (32) 19.12.23 (33) AU (43) 10.07.2025 (72) Robertson, Christopher James (74) MBIP		
(71) Reliance Worldwide Corporation (Aust.) Pty. Ltd. (11) AU-A-2025204764 (21) 2025204764 (22) 24.06.2025 (54) Pipe Connection Fitting (51) Int. Cl. F16L 37/091 (2006.01) (43) 10.07.2025 (62) 2023201575 (72) GLEDHILL, Jeremy; KLUSS, William Vernon (74) Allens Patent & Trade Mark Attorneys	(71) Rochman, T. (11) AU-A-2025204740 (21) 2025204740 (22) 24.06.2025 (54) SOLAR PANEL SYSTEM AND MAIN- TENANCE METHOD (51) Int. Cl. F24S 40/20 (2018.01) B08B 3/02 (2006.01) H02S 40/10 (2014.01) (43) 10.07.2025 (62) 2019291675 (72) ROCHMAN, Tsur (74) LAMINAR IP PTY LTD		
(71) REMEGEN CO., LTD. (11) AU-A-2025204469 (21) 2025204469 (22) 16.06.2025 (54) Method for treating IgA nephropathy with TACI-Fc fusion protein (51) Int. Cl. A61K 38/17 (2006.01) A61K 39/395 (2006.01) A61P 37/02 (2006.01) C07K 19/00 (2006.01) (43) 10.07.2025 (62) 2022325359 (72) FANG, Jianmin; WANG, Wenxiang (74) FB Rice Pty Ltd	(71) Rs Arastirma Egitim Danismanlik Ilac Sanayi Ticaret Anonim Sirketi (11) AU-A-2025204574 (21) 2025204574 (22) 19.06.2025 (54) SELF-ASSEMBLED DIBLOCK CO- POLYMERS COMPOSED OF PEG- MEMA AND DRUG BEARING POLY- MERIC SEGMENTS (51) Int. Cl. A61K 47/58 (2017.01) A61K 47/60 (2017.01) A61P 35/00 (2006.01) C08F 220/28 (2006.01) (43) 10.07.2025 (62) 2023248123 (72) Sanyal, Rana; Sanyal, Amitav (74) Madderns Pty Ltd		
(71) Rippleaffect Trust Limited (11) AU-A-2024278631 (21) 2024278631 (22) 19.12.2024 (54) Coupling System, Washer and Method of Coupling (51) Int. Cl. F16B 43/02 (2006.01) E04B 1/38 (2006.01) E04B 1/41 (2006.01) (31) 806912 (32) 21.12.23 (33) NZ	(71) RTX BBN TECHNOLOGIES, INC. (11) AU-A-2024287068 (21) 2024287068 (22) 20.12.2024 (54) IMPROVED SIMULTANEOUS TRANS- MIT SIGNALS AND RECEIVE SIG- NALS (51) Int. Cl. H04B 1/56 (2006.01) H04R 25/00 (2006.01) (31) 18/393,483 (32) 21.12.23 (33) US (43) 10.07.2025 (72) Judell, Neil (74) RnB IP Pty Ltd		
	(71) Sagemcom Energy & Telecom SAS (11) AU-A-2024264565 (21) 2024264565 (22) 12.11.2024 (54) Method and device for detecting earth- quakes (51) Int. Cl. G01V 1/01 (2024.01) G01P 15/18 (2013.01) G01V 1/28 (2006.01) (31) 2314781 (32) 21.12.23 (33) FR (43) 10.07.2025 (72) BASTURK, Ahmet Samed; SABRAOUI, Abbas; ABID, Oussama (74) Griffith Hack		
	SHAABAN, A.F. see THANDRA, V. (21) 2025204578		
	SHAABAN, A.F. see THANDRA, V. (21) 2025204632		
	(71) Shenzhen Porshealth Bioengineering Co., Ltd. (11) AU-A-2024266790 (21) 2024266790 (22) 22.11.2024 (54) STRAIN OF PEDIOCOCCUS ACI- DILACTICI WITH FUNCTION OF TREATING ULCERATIVE COLITIS AND APPLICATION THEREOF (51) Int. Cl. C12N 1/20 (2006.01) A23L 33/135 (2016.01) A61K 35/744 (2015.01) A61P 1/00 (2006.01) A61P 1/04 (2006.01) A61P 29/00 (2006.01) C12R 1/01 (2006.01) (31) 2023117623140 (32) 19.12.23 (33) CN (43) 10.07.2025 (72) Zheng, Yanyi; Zhang, Silu; Xiao, Guoxun; Zhang, Zhizhu; Lan, Caijuan (74) Remarkable IP		
	(71) Ship and Ocean Industries R&D Center (11) AU-A-2024213110 (21) 2024213110 (22) 21.08.2024 (54) FLOATING OBJECT INFORMATION FUSION SYSTEM AND OPERATING METHOD THEREOF (51) Int. Cl.		

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G06T 7/70 (2017.01)
G06V 10/98 (2022.01)
(31) 18/395,605 **(32)** 24.12.23 **(33)** US
(43) 10.07.2025
(72) SONG, YAN-SHENG; PENG, YU-TING;
 LIU, CHIEN-HUNG
(74) MBIP

(71) SHOALTER AUTOMATION LIMITED
(11) AU-A-2025204698
(21) 2025204698 **(22)** 20.06.2025
(54) Automated Retail Store and System
(51) Int. Cl.
G06Q 10/08 (2024.01)
G06F 21/31 (2013.01)
(43) 10.07.2025
(62) 2021459230
(72) WONG, Wai Kay; LAU, Chi Kong;
 TSANG, Yuet Mei; YEUNG, Chiu Yuen;
 LEUNG, Lok Hei; WONG, Wai Kin; CH-
 EUNG, Clement Chek Bong
(74) BOSH IP Pty Ltd

(71) SK Innovation Co., Ltd.
(11) AU-A-2024266840
(21) 2024266840 **(22)** 25.11.2024
(54) AMMONIA SYNTHESIS SYSTEM
(51) Int. Cl.
C01C 1/04 (2006.01)
B01J 8/04 (2006.01)
(31) 10-2023-0189765 **(32)** 22.12.23 **(33)** KR
 10-2024-0011410 25.01.24 KR
(43) 10.07.2025
(72) Im, Ju Hwan; Song, Da Eun; Lee, Jun
 Young; Jeong, Jae Hun; Kim, Sun Kug;
 Kim, Ye Jin
(74) PHILLIPS ORMONDE FITZPATRICK

(71) SK Innovation Co., Ltd.
(11) AU-A-2024266841
(21) 2024266841 **(22)** 25.11.2024
(54) AMMONIA SYNTHESIS SYSTEM IN-
 CLUDING CATALYST BED CONTAIN-
 ING MICROWAVE REACTIVE CATA-
 LYST MIXTURE
(51) Int. Cl.
C01C 1/04 (2006.01)
B01J 8/04 (2006.01)
(31) 10-2023-0189623 **(32)** 22.12.23 **(33)** KR
(43) 10.07.2025
(72) Lee, Jun Young; Song, Da Eun; Im, Ju
 Hwan; Jeong, Jae Hun; Kim, Sun Kug;
 Kim, Ye Jin
(74) PHILLIPS ORMONDE FITZPATRICK

(71) SMELA, K.
(11) AU-A-2025204717
(21) 2025204717 **(22)** 23.06.2025
(54) Multicompartment system of nanocap-
 sule-in-nanocapsule type, for encap-
 sulation of a lipophilic and hydrophilic
 compound, and the related production
 method
(51) Int. Cl.
A61K 9/113 (2006.01)
A61K 31/728 (2006.01)

A61K 38/28 (2006.01)
(43) 10.07.2025
(62) 2019322781
(72) SMELA, Krzysztof; ZAPOTOCZNY,
 Szczepan; SZAFRANIEC, Joanna
(74) Adams Pluck

(71) Sonitor Technologies AS
(11) AU-A-2025204560
(21) 2025204560 **(22)** 18.06.2025
(54) Transmitting device for use in location
 determination systems
(51) Int. Cl.
G01S 5/18 (2006.01)
G01S 5/02 (2010.01)
G01S 11/16 (2006.01)
(43) 10.07.2025
(62) 2023202901
(72) Booi, Wilfred Edwin; Øyen, Arne
(74) Davies Collision Cave Pty Ltd

(71) Spann, M.
(11) AU-A-2023285998
(21) 2023285998 **(22)** 22.12.2023
(54) Portable Hydrogen Gas Stove (Hydro
 Stove)
(51) Int. Cl.
F24C 3/14 (2006.01)
C25B 1/04 (2021.01)
C25B 9/17 (2021.01)
C25B 9/73 (2021.01)
F24C 7/00 (2006.01)
F24C 9/00 (2006.01)
(43) 10.07.2025
(72) Spann, Mitchel
(74) Mitchel Spann

(71) Spruce Biosciences, Inc.
(11) AU-A-2025204720
(21) 2025204720 **(22)** 23.06.2025
(54) Methods for treating testicular and
 ovarian adrenal rest tumors
(51) Int. Cl.
A61K 31/4162 (2006.01)
A61K 31/505 (2006.01)
A61K 31/519 (2006.01)
C07D 231/54 (2006.01)
C07D 233/70 (2006.01)
C07D 247/02 (2006.01)
(43) 10.07.2025
(62) 2023203095
(72) HOWERTON, Alexis; GERBER, Hal
(74) FB Rice Pty Ltd

(71) Stasher Inc.
(11) AU-A-2025204674
(21) 2025204674 **(22)** 20.06.2025
(54) Inside out method of manufacturing a
 container with a leak resistant seal
(51) Int. Cl.
B65D 33/25 (2006.01)
B29C 43/18 (2006.01)
B29C 45/02 (2006.01)
B29C 45/14 (2006.01)
B65B 51/00 (2006.01)
B65D 33/16 (2006.01)

(43) 10.07.2025
(62) 2019380311
(72) NOURI, Katousha Ghaemi; MAGUIRE,
 Paul
(74) GLMR

(71) Sungrow Power Supply Co., Ltd.
(11) AU-A-2024203806
(21) 2024203806 **(22)** 05.06.2024
(54) Case and cell module having the same
(51) Int. Cl.
H02B 1/26 (2006.01)
H01G 9/008 (2006.01)
H01G 9/08 (2006.01)
H01M 50/209 (2021.01)
H01M 50/233 (2021.01)
H01M 50/271 (2021.01)
H02B 1/46 (2006.01)
(31) 202323506026.7 **(32)** 21.12.23 **(33)** CN
(43) 10.07.2025
(72) ZHOU, Meng; SU, Jinguo; WANG, Hao
(74) Davies Collision Cave Pty Ltd

(71) SUNGROW POWER SUPPLY CO.,
 LTD.
(11) AU-A-2024278390
(21) 2024278390 **(22)** 20.03.2024
(54) CONTROL METHOD, INVERTER,
 AND PHOTOVOLTAIC SYSTEM
(51) Int. Cl.
H02M 7/5387 (2007.01)
G05F 1/67 (2006.01)
H02J 3/38 (2006.01)
H02M 1/00 (2007.01)
H02M 1/088 (2006.01)
H02M 3/335 (2006.01)
(31) 202311819349.3 **(32)** 26.12.23 **(33)** CN
(43) 10.07.2025
(72) CHEN, Qiaodi; WANG, Zichen; WANG,
 Hao; ZHUANG, Jiakai
(74) Integrated IP

(71) Systems IP Pty Ltd
(11) AU-A-2024287163
(21) 2024287163 **(22)** 23.12.2024
(54) Net poles
(51) Int. Cl.
A63B 5/11 (2006.01)
A63B 71/00 (2006.01)
A63B 71/02 (2006.01)
(31) 2023904223 **(32)** 22.12.23 **(33)** AU
(43) 10.07.2025
(72) Andon, Joe
(74) JMDS IP Pty Ltd

(71) Takeda Pharmaceutical Company Lim-
 ited
(11) AU-A-2025204573
(21) 2025204573 **(22)** 19.06.2025
(54) PURIFIED ARYLSULFATASE A AND
 COMPOSITONS THEREOF
(51) Int. Cl.
C12N 9/16 (2006.01)
A61K 9/00 (2006.01)
A61K 38/46 (2006.01)
A61K 47/00 (2006.01)
A61P 25/28 (2006.01)

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(43) 10.07.2025
(62) 2018393045
(72) KEEFE, Andrew; ENRIQUEZ, George
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Takeda Pharmaceuticals U.S.A., Inc.
(11) AU-A-2025204582
(21) 2025204582 (22) 19.06.2025
(54) Crystalline forms of 3-(im-idazo[1,2-b]pyridazin-3-ylethynyl)-4-methyl-N- {4-[(4-methylpiperazin-1-yl)methyl]-3-(trifluoromethyl)phenyl}benzamide mono hydrochloride
(51) Int. Cl.
C07D 487/04 (2006.01)
(43) 10.07.2025
(62) 2023219845
(72) Murray, Christopher K.; Rozamus, Leonard W.; Chaber, John J.; Sharma, Pradeep
(74) Davies Collison Cave Pty Ltd

(71) Tarsus Pharmaceuticals, Inc.
(11) AU-A-2025204628
(21) 2025204628 (22) 20.06.2025
(54) ISOXAZOLINE PARASITICIDE FORMULATIONS AND METHODS FOR TREATING BLEPHARITIS
(51) Int. Cl.
A61K 9/70 (2006.01)
A61K 31/045 (2006.01)
(43) 10.07.2025
(62) 2023200843
(72) Hickok, Shawn D.; Azamian, Bobak Robert; Vehige, Joseph G.; Ackermann, Douglas Michael
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Terra Quantum AG
(11) AU-A-2024264669
(21) 2024264669 (22) 15.11.2024
(54) Computer-implemented method for simulating fluid flow, computer-implemented method for designing a mixing reactor, mixing reactor and computer-implemented method for controlling a mixing reactor, and corresponding data processing device, computer program and computer-readable medium
(51) Int. Cl.
G06F 30/28 (2020.01)
G06F 30/25 (2020.01)
(31) 23218407.7 (32) 20.12.23 (33) EP
(43) 10.07.2025
(72) MELNIKOV, Artem A.; PERELSHTEIN, Michael R.
(74) Griffith Hack

(71) THANDRA, V.; SHAABAN, A.F.
(11) AU-A-2025204578
(21) 2025204578 (22) 19.06.2025
(54) SYSTEM AND METHOD FOR ALLOCATING VALUE TO TIMEKEEPER WORK
(51) Int. Cl.

G06Q 10/10 (2023.01)
G06Q 30/04 (2012.01)
(43) 10.07.2025
(62) 2023202064
(72) SHAABAN, Ahmed Farouk; THANDRA, Venkat
(74) Murray Trento & Associates Pty Ltd

(71) THANDRA, V.; SHAABAN, A.F.
(11) AU-A-2025204632
(21) 2025204632 (22) 20.06.2025
(54) IMPROVED SYSTEM AND METHOD FOR BILLING
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06F 17/40 (2006.01)
G06Q 30/06 (2023.01)
(43) 10.07.2025
(62) 2023202368
(72) SHAABAN, Ahmed Farouk; THANDRA, Venkat
(74) Murray Trento & Associates Pty Ltd

The Brigham and Women's Hospital, Inc. see Abiomed, Inc.
(21) 2025204555

The Broad Institute, Inc. see The General Hospital Corporation
(21) 2025204711

(71) The General Hospital Corporation; The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.
(11) AU-A-2025204711
(21) 2025204711 (22) 23.06.2025
(54) SHARED NEOANTIGENS
(51) Int. Cl.
A61K 39/00 (2006.01)
(43) 10.07.2025
(62) 2022241521
(72) Fritsch, Edward F.; Hachohen, Nir; Rooney, Michael Steven; Shukla, Sachet Ashok; Wu, Catherine J.; Bachireddy, Pavan; Sun, Jing
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Theion GmbH
(11) AU-A-2024278310
(21) 2024278310 (22) 11.12.2024
(54) Production methods and working principle for the pre-expansion of chalcogenide-based electrodes prior to their reaction with alkali/alkaline earth metals
(51) Int. Cl.
H01M 4/58 (2010.01)
H01M 4/136 (2010.01)
(31) 23219761.6 (32) 22.12.23 (33) EP
(43) 10.07.2025
(72) SLAVIK, Marek; WAIDHA, Aamir Iqbal; PUGET, Marin; MOHANTY, Saswat; KUMAR, Pushpendra
(74) FPA Patent Attorneys Pty Ltd

(71) THE NOCO COMPANY
(11) AU-A-2025204538
(21) 2025204538 (22) 18.06.2025
(54) JUMP STARTER WITH BATTERY DETECTION FOR PROVIDING SAFETY
(51) Int. Cl.
H02J 7/00 (2006.01)
F02N 11/10 (2006.01)
F02N 11/12 (2006.01)
(43) 10.07.2025
(62) 2022229381
(72) STANFIELD, James Richard; HACKER DAVIDSON, Andrea Carolina; AGRAWAL, Nitish; SITU, Tom; NOOK, Jonathan Lewis; NOOK, SR, William Knight; UNDERHILL, Derek Michael
(74) Griffith Hack

(71) THE PROCTER & GAMBLE COMPANY
(11) AU-A-2025204742
(21) 2025204742 (22) 24.06.2025
(54) ORAL CARE COMPOSITIONS COMPRISING HOPS
(51) Int. Cl.
A61K 8/9789 (2017.01)
A61K 8/19 (2006.01)
A61Q 11/00 (2006.01)
(43) 10.07.2025
(62) 2022246247
(72) BAIG, Arif Ali; BIESBROCK, Aaron Reed; ST JOHN, Samuel James
(74) AJ PARK

(71) Therabody, Inc.
(11) AU-A-2025204757
(21) 2025204757 (22) 24.06.2025
(54) Electrical muscle stimulation devices, systems, and methods
(51) Int. Cl.
A61N 1/04 (2006.01)
A61N 1/18 (2006.01)
A61N 1/36 (2006.01)
A63B 24/00 (2006.01)
(43) 10.07.2025
(62) 2020213123
(72) PISAREV, Alexey
(74) Davies Collison Cave Pty Ltd

(71) The Regents of the University of California
(11) AU-A-2025204595
(21) 2025204595 (22) 19.06.2025
(54) PLATFORM FOR GENERATING SAFE CELL THERAPEUTICS
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/44 (2006.01)
A61K 48/00 (2006.01)
A61L 27/00 (2006.01)
A61P 1/04 (2006.01)
A61P 3/00 (2006.01)
A61P 43/00 (2006.01)
(43) 10.07.2025
(62) 2018316166
(72) WANG, Huawei; KLEMKE, Richard
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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**The Schepens Eye Research Institute, Inc.
see Northeastern University**
(21) 2025204731

(71) The Sy-Klone Company, LLC
(11) AU-A-2025204690
(21) 2025204690 (22) 20.06.2025
(54) Air quality monitoring and control system
(51) Int. Cl.
 B60H 1/24 (2006.01)
 B60H 1/00 (2006.01)
 B60H 3/06 (2006.01)
(43) 10.07.2025
(62) 2023203087
(72) Moredock, Jeffrey L.; Moredock, James G.
(74) Davies Collison Cave Pty Ltd

(71) Trina Solar Co., Ltd.
(11) AU-A-2025204736
(21) 2025204736 (22) 24.06.2025
(54) Solar cell structure, method for preparing solar cell, and mask plate
(51) Int. Cl.
 H10F 71/00 (2025.01)
 H10F 10/00 (2025.01)
 H10F 77/00 (2025.01)
 H10F 77/20 (2025.01)
 H10F 77/30 (2025.01)
 H10F 77/70 (2025.01)
(43) 10.07.2025
(62) 2024204652
(72) LI, Hongwei; YANG, Guangtao; CHEN, Daming; CHEN, Yifeng
(74) FB Rice Pty Ltd

TUCKER, S. see Jumpstart Fertility Pty Ltd
(21) 2025204733

(71) Twyford, J.
(11) AU-A-2024287073
(21) 2024287073 (22) 20.12.2024
(54) Internal wall sheet
(51) Int. Cl.
 E04C 2/292 (2006.01)
 E04B 2/00 (2006.01)
 E04C 2/08 (2006.01)
 E04C 2/20 (2006.01)
 E04C 2/24 (2006.01)
 E04C 2/52 (2006.01)
(31) 2023904196 (32) 22.12.23 (33) AU
(43) 10.07.2025
(72) Twyford, James
(74) Davies Collison Cave Pty Ltd

(71) Tyco Fire & Security GmbH
(11) AU-A-2025204630
(21) 2025204630 (22) 20.06.2025
(54) LIQUID IMMERSION COOLING TANK WITH VARIABLE FLOW FOR HIGH DENSITY COMPUTER SERVER EQUIPMENT
(51) Int. Cl.

H05K 7/20 (2006.01)
(43) 10.07.2025
(62) 2022270165
(72) Selmsier, David Patrick; Zwicker, John Bernard; Haider, Shahreen Beente; Sweeney, Michael J
(74) PHILLIPS ORMONDE FITZPATRICK

Verily Life Sciences LLC see Dexcom, Inc.
(21) 2025204756

(71) VERSUNI HOLDING B.V.
(11) AU-A-2024357294
(21) 2024357294 (22) 20.12.2024
(54) KITCHEN TAMPER HEAD, KITCHEN TAMPER ASSEMBLY AND BEVERAGE MACHINE
(51) Int. Cl.
 A47J 31/44 (2006.01)
 A47J 31/06 (2006.01)
 A47J 31/36 (2006.01)
(31) 23219191.6 (32) 21.12.23 (33) EP
(43) 10.07.2025
(72) NOORDHUIS, Joeke; VAN TOOR, Johannes Hendrikus
(74) FB Rice Pty Ltd

(71) ViaSat, Inc.
(11) AU-A-2025204658
(21) 2025204658 (22) 20.06.2025
(54) CIRCUIT ARCHITECTURE FOR DISTRIBUTED MULTIPLEXED CONTROL AND ELEMENT SIGNALS FOR PHASED ARRAY ANTENNA
(51) Int. Cl.
 H01Q 3/34 (2006.01)
 H01Q 3/26 (2006.01)
 H01Q 21/00 (2006.01)
 H01Q 23/00 (2006.01)
 H04B 7/06 (2006.01)
(43) 10.07.2025
(62) 2023208133
(72) BUER, Kenneth V.; LIPTON, Ronald S.; TRIPATHI, Ashitkumar J.
(74) Adams Pluck

(71) ViaSat, Inc.
(11) AU-A-2025204669
(21) 2025204669 (22) 20.06.2025
(54) ANTENNA ARRAY WITH INDEPENDENTLY ROTATED RADIATING ELEMENTS TECHNICAL FIELD
(51) Int. Cl.
 H01Q 3/40 (2006.01)
 H01Q 21/00 (2006.01)
 H01Q 21/06 (2006.01)
 H01Q 21/24 (2006.01)
(43) 10.07.2025
(62) 2019330623
(72) BONGARD, Frederic
(74) Adams Pluck

(71) ViaSat, Inc.
(11) AU-A-2025204675
(21) 2025204675 (22) 20.06.2025

(54) MOBILE CONNECTIVITY PROVISIONING FOR SEGREGATED ORDER MANAGEMENT
(51) Int. Cl.
 H04W 84/06 (2009.01)
(43) 10.07.2025
(62) 2018435238
(72) PRENGER, Roger; RIGHETTI, Joshua; HOFFMAN, Anton; MOORTHY, Sandeep; MOSELEY, William; O'NEAL, Stephen; ESSERMAN, James
(74) Adams Pluck

(71) Volvo Autonomous Solutions AB
(11) AU-A-2024266977
(21) 2024266977 (22) 28.11.2024
(54) Mapping of off-road area
(51) Int. Cl.
 G05D 1/43 (2024.01)
 B60W 60/00 (2020.01)
 G05D 1/229 (2024.01)
 G05D 1/246 (2024.01)
 G05D 1/644 (2024.01)
 G05D 105/05 (2024.01)
 G05D 107/30 (2024.01)
 G05D 107/70 (2024.01)
(31) 23219997.6 (32) 22.12.23 (33) EP
(43) 10.07.2025
(72) SKILLSÄTER, Calle; SJÖBERG, Johan; GÖTLIND, Helena
(74) Griffith Hack

(71) Volvo Autonomous Solutions AB
(11) AU-A-2024278141
(21) 2024278141 (22) 05.12.2024
(54) Off-road routing
(51) Int. Cl.
 G05D 1/43 (2024.01)
 B60W 30/12 (2020.01)
 B60W 60/00 (2020.01)
 G05D 1/246 (2024.01)
 G05D 107/30 (2024.01)
(31) 23219946.3 (32) 22.12.23 (33) EP
(43) 10.07.2025
(72) SJÖBERG, Johan; SKILLSÄTER, Calle
(74) Griffith Hack

(71) WANG, S.
(11) AU-A-2024227373
(21) 2024227373 (22) 16.10.2024
(54) A LIFTING SLING
(51) Int. Cl.
 B66C 1/18 (2006.01)
(31) 2023904235 (32) 22.12.23 (33) AU
(43) 10.07.2025
(72) WANG, Shang
(74) Adams Pluck

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(21) 2025204733

(71) WONDERLAND SWITZERLAND AG
(11) AU-A-2025204606
(21) 2025204606 (22) 19.06.2025

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(54) BASE ASSEMBLY AND CHILD
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(51) Int. Cl.

B60N 2/28 (2006.01)

(43) 10.07.2025

(62) 2022318027

(72) MO, Xiaolong; ZHANG, Kun; CHENG,
Manqun

(74) Allens Patent & Trade Mark Attorneys

(71) Zhao, C.

(11) AU-A-2024201695

(21) 2024201695 (22) 14.03.2024

(54) SIDEWALL SLIDING BALLPOINT PEN
WITH ERASING BLOCK

(51) Int. Cl.

B43K 29/02 (2006.01)

(31) 202323564141X (32) 26.12.23 (33) CN

(43) 10.07.2025

(72) Zhao, Chongbiao

(74) Remarkable IP

(71) Zhejiang Leapenergy Technology Co.,
Ltd.; Zhejiang Leapmotor Technology
Co., Ltd

(11) AU-A-2024278351

(21) 2024278351 (22) 12.12.2024

(54) Cooling plate, method for producing
cooling plate, and battery pack

(51) Int. Cl.

H01M 10/04 (2006.01)

H01M 10/60 (2014.01)

(31) 202311777164.0 (32) 21.12.23 (33) CN

(43) 10.07.2025

(72) CAI, Jianjun; ZHOU, Xiaodong

(74) A.P.T. Patent and Trade Mark Attor-
neys

**Zhejiang Leapmotor Technology Co., Ltd
see Zhejiang Leapenergy Technology Co.,
Ltd.**

(21) 2024278351

(71) Zhongshan Shengyi Electric Appliance
Co., Ltd.

(11) AU-A-2024259700

(21) 2024259700 (22) 01.11.2024

(54) Fan blade quick installation structure
and a fan using the same

(51) Int. Cl.

F04D 29/34 (2006.01)

F04D 25/08 (2006.01)

(31) 202311795639.9 (32) 25.12.23 (33) CN

(43) 10.07.2025

(72) FU, Yonghong

(74) Zhongshan Shengyi Electric Appliance
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A61F 11/00 (2022.01)
A61M 25/10 (2013.01)
A61M 29/02 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61K 31/7115 (2006.01)
C07H 21/00 (2006.01)
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B23K 26/70 (2014.01)
B23K 37/04 (2006.01)
B23K 101/18 (2006.01)
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G06T 7/246 (2017.01)
G06T 7/33 (2017.01)
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H04B 1/06 (2006.01)
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H01Q 1/10 (2006.01)
H01Q 1/48 (2006.01)
H01Q 13/08 (2006.01)
H01Q 1/38 (2006.01)
H01Q 9/16 (2006.01)
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E04F 21/02 (2006.01)
B05C 17/015 (2006.01)
E04F 21/06 (2006.01)
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(54) ADDITIVE MANUFACTURING OF APERTURE FED PATCH ANTENNA
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(54) ZINC-ALUMINUM-MAGNESIUM-PLATED STEEL SHEET AND MANUFACTURING METHOD THEREFOR
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C23C 2/06 (2006.01)
B05D 3/02 (2006.01)
C23C 2/12 (2006.01)
C23C 2/20 (2006.01)
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C22C 38/02 (2006.01)
C21D 1/26 (2006.01)
C21D 6/00 (2006.01)
C21D 8/02 (2006.01)
C21D 9/00 (2006.01)
C21D 9/52 (2006.01)
C22C 38/04 (2006.01)
C22C 38/06 (2006.01)
C22C 38/12 (2006.01)
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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C12N 9/12 (2006.01)
C12P 21/02 (2006.01)
C12R 1/645 (2006.01)
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C07D 417/12 (2006.01)
A61K 31/425 (2006.01)
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(72) HU, Qiyue; HU, Weimin; LIU, Suxing
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C07D 263/56 (2006.01)
A61K 31/4184 (2006.01)
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C07D 235/16 (2006.01)
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A61K 39/12 (2006.01)
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B01D 11/00 (2006.01)
G01F 23/292 (2006.01)
G01N 21/21 (2006.01)
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C12Q 1/6888 (2018.01)
C12Q 1/6844 (2018.01)
G01N 33/00 (2006.01)
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(54) FLOATING VARIABLE LEVERAGE PUMP
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(54) LIQUID-DESICCANT STACK WITH INTEGRATED FLUID DISTRIBUTION
(51) Int. Cl.
F24F 3/14 (2006.01)
B01D 53/26 (2006.01)
F24F 3/147 (2006.01)
F24F 5/00 (2006.01)
F28D 21/00 (2006.01)
(87) WO2024/138183
(31) 63/477,054 (32) 23.12.22 (33) US
(43) 27.06.2024
(72) GRAHAM, Matthew; TILGHMAN, Matthew; BETTS, Daniel, A.
(74) Collison & Co
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- (71)** BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
(11) AU-A-2023422463
(21) 2023422463 (22) 21.12.2023
(54) NEUROMODULATION SYSTEM WITH ADAPTABLE SENSING AND CLOSED LOOP CONTROL
(51) Int. Cl.
A61N 1/05 (2006.01)
A61B 5/00 (2006.01)
A61N 1/36 (2006.01)
(87) WO2024/151412
(31) 63/479,070 (32) 09.01.23 (33) US
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(72) HADDOCK, Andrew; JAYAKUMAR, Adarsh; WITWER, Max; GREENE, Kerion
(74) Spruson & Ferguson
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- (71)** BRISTOL-MYERS SQUIBB COMPANY
(11) AU-A-2023406300
(21) 2023406300 (22) 01.12.2023
(54) LINE OF THERAPY IDENTIFICATION FROM CLINICAL DOCUMENTS
(51) Int. Cl.
G06F 16/35 (2019.01)
G06N 3/0895 (2023.01)
G06N 3/091 (2023.01)
G16H 10/20 (2018.01)
(87) WO2024/119036
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(74) AJ PARK
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- (71)** BSD SCIENCE LTD.
(11) AU-A-2023414546
(21) 2023414546 (22) 24.12.2023
(54) CONTROLLED-RELEASE ORAL FORMULATIONS OF LIPOPHILIC DRUGS
(51) Int. Cl.
A61K 9/70 (2006.01)
A61K 9/00 (2006.01)
A61K 9/107 (2006.01)
A61K 31/00 (2006.01)
A61K 31/192 (2006.01)
A61K 31/196 (2006.01)
A61K 31/216 (2006.01)
A61K 31/355 (2006.01)
A61K 31/427 (2006.01)
A61K 31/498 (2006.01)
A61K 31/513 (2006.01)
A61K 31/5415 (2006.01)
A61K 31/5513 (2006.01)
A61K 47/10 (2017.01)
A61K 47/32 (2006.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
A61K 47/42 (2017.01)
A61K 47/44 (2017.01)
(87) WO2024/142045
(31) 63/435,628 (32) 28.12.22 (33) US
(43) 04.07.2024
(72) YAKOVSON, Yochai
(74) Davies Collison Cave Pty Ltd
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- (71)** BTQ AG
(11) AU-A-2023410365
(21) 2023410365 (22) 19.12.2023
(54) DELAYED PROOF OF VALIDITY
(51) Int. Cl.
H04L 9/00 (2022.01)
H04L 9/32 (2006.01)
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(31) 22214465.1 (32) 19.12.22 (33) EP
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(72) KUO, Po-Chun; CHENG, Chen-Mou
(74) FB Rice Pty Ltd
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- (71)** BWXT MEDICAL LTD.
(11) AU-A-2023416313
(21) 2023416313 (22) 28.12.2023
(54) METHOD FOR DETERMINATION OF ACTINIUM-227 IN ACTINIUM-225
(51) Int. Cl.
G01T 1/167 (2006.01)
G01T 1/36 (2006.01)
(87) WO2024/141792
(31) 63/435,881 (32) 29.12.22 (33) US
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(72) OELSNER, Stephen, M.
(74) Griffith Hack
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(54) METHOD FOR PRODUCTION OF AC-TINIUM-225
(51) Int. Cl.
G21G 1/00 (2006.01)
(87) WO2024/141793
(31) 63/435,883 (32) 29.12.22 (33) US
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(43) 04.07.2024
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WONG, Michael; LEE, Alexander, K.
(74) Griffith Hack
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- (71) BYD COMPANY LIMITED
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(21) 2023399184 (22) 04.08.2023
(54) DATA READING METHOD AND RELATED APPARATUS
(51) Int. Cl.
H04W 76/14 (2018.01)
(87) WO2024/113939
(31) 202211528054.6 (32) 30.11.22 (33) CN
(43) 06.06.2024
(72) JIANG, Feng; ZHONG, Yilin; ZHANG, Ruihuan; FANG, Jinxiang; XU, Peitao
(74) MBIP
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- (71) BYD COMPANY LIMITED
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(54) HYBRID VEHICLE, ENGINE STARTING CONTROL METHOD THEREOF, MEDIUM, AND CONTROLLER
(51) Int. Cl.
B60W 20/15 (2016.01)
(87) WO2024/113987
(31) 202211504126.3 (32) 28.11.22 (33) CN
(43) 06.06.2024
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(74) Integrated IP
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- (71) BYD COMPANY LIMITED
(11) AU-A-2023404802
(21) 2023404802 (22) 07.06.2023
(54) DISPLAY ASSEMBLY AND POSITION IDENTIFICATION METHOD THEREFOR, AND VEHICLE AND COMPUTER STORAGE MEDIUM
(51) Int. Cl.
B60R 11/02 (2006.01)
B60K 35/00 (2024.01)
B60R 16/02 (2006.01)
G01R 31/68 (2020.01)
G06F 1/16 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(54) REDOX FLOW BATTERY
(51) Int. Cl.
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(74) Spruson & Ferguson
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- (71) CAPVIEW PARTNERS, LLC
(11) AU-A-2023417706
(21) 2023417706 (22) 26.12.2023
(54) METHOD OF CREATING AND MANAGING RESIDENTIAL NET LEASES BETWEEN THE OWNERS OF THE RENTAL PROPERTIES AND THE RENTERS OF THE PROPERTY
(51) Int. Cl.
G06Q 50/16 (2024.01)
G06Q 40/06 (2012.01)
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- (71) CARBON TECHNOLOGY HOLDINGS, LLC
(11) AU-A-2023414927
(21) 2023414927 (22) 21.12.2023
(54) PROCESS AND SYSTEMS FOR CARBON-NEGATIVE AND WATER-POSITIVE HYDROGEN PRODUCTION
(51) Int. Cl.
C01B 3/00 (2006.01)
C10J 3/20 (2006.01)
C10K 3/00 (2006.01)
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(31) 63/477,764 (32) 29.12.22 (33) US
(43) 04.07.2024
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(11) AU-A-2023419794
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(54) PROCESS AND SYSTEMS FOR CARBON-NEGATIVE AND WATER-POSITIVE HYDROGEN PRODUCTION
(51) Int. Cl.
C01B 3/02 (2006.01)
C01B 3/50 (2006.01)
B01D 53/62 (2006.01)
C01B 3/34 (2006.01)
C10K 1/00 (2006.01)
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- (71) CAREL INDUSTRIES S.P.A.
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(21) 2023389540 (22) 05.12.2023
(54) POWER SUPPLY METHOD FOR A STEPPER MOTOR AND DRIVER DEVICE FOR OPERATING THE LATTER
(51) Int. Cl.
H02P 8/16 (2006.01)
G04C 3/14 (2006.01)
H02P 6/15 (2016.01)
H02P 6/182 (2016.01)
H02P 8/18 (2006.01)
(87) WO2024/121746
(31) 102022000024942 (32) 05.12.22 (33) IT
(43) 13.06.2024
(72) BIANCHINI, Umberto; DALAN, Andrea
(74) GLMR
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- (71) CARESTER
(11) AU-A-2024364460
(21) 2024364460 (22) 18.10.2024
(54) METHOD FOR REMOVING THE AC-TINIUM CONTAINED IN A RARE EARTH SOLUTION WITH AN ORGANOPHOSPHORUS SOLVENT, AND RARE EARTH COMPOSITIONS OBTAINED BY THIS METHOD
(51) Int. Cl.
C22B 3/08 (2006.01)
C22B 3/10 (2006.01)
C22B 3/38 (2006.01)
C22B 59/00 (2006.01)
C22B 60/02 (2006.01)
(87) WO2025/083369
(31) FR2311246 (32) 18.10.23 (33) FR
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(43) 24.04.2025
(72) BERTUOL, Clémence; ROLLAT, Alain; LEVEQUE, Alain
(74) Griffith Hack
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- (71) CATERPILLAR INC.
(11) AU-A-2023409362
(21) 2023409362 (22) 17.11.2023
(54) FLUID FILTER RETENTION MECHANISM
(51) Int. Cl.
B01D 29/13 (2006.01)
B01D 46/24 (2006.01)
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(43) 27.06.2024
(72) IMMEL, Jon T.; OEDEWALDT, Stephen E.; SPENGLER, Philip C.; SUTTON, Brian J.; ALWARDT, Tony L.
(74) FPA Patent Attorneys Pty Ltd
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- (71) CEIBO INC.
(11) AU-A-2024302630
(21) 2024302630 (22) 12.06.2024
(54) SYSTEM AND PROCESS FOR PROGRESSIVE REFRACTORY ORE TRANSFORMATION FOR COPPER LEACHING
(51) Int. Cl.
C22B 15/00 (2006.01)
C22B 3/08 (2006.01)

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(71) CELLECTIS S.A. (11) AU-A-2024214871 (21) 2024214871 (22) 31.01.2024 (54) ELECTROPORATION DEVICE AND METHOD (51) Int. Cl. C12M 1/00 (2006.01) C12M 1/42 (2006.01) (87) WO2024/160866 (31) 23305139.0 (32) 02.02.23 (33) EP (43) 08.08.2024 (72) DERLIQUE, Damien; SOURDIVE, David (74) Griffith Hack	(71) CERVEL THERAPEUTICS, LLC (11) AU-A-2024208125 (21) 2024208125 (22) 11.01.2024 (54) SPIRO DERIVATIVES AS M4 ACTIVATORS/MODULATORS AND USES THEREOF (51) Int. Cl. C07D 401/12 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61P 1/00 (2006.01) A61P 11/00 (2006.01) A61P 25/28 (2006.01) C07D 401/14 (2006.01) C07D 405/14 (2006.01) C07D 409/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 487/08 (2006.01) C07D 491/107 (2006.01) C07D 495/08 (2006.01) (87) WO2024/151833 (31) 63/479,579 (32) 12.01.23 (33) US (43) 18.07.2024 (72) NGUYEN, Hanh; ZHANG, Xiaofeng; JOHNSON, Shea; ZHANG, Hongjun; LIM, Jongwon; PIN, Sokhom; SARKAR, Ujjal; WANG, Minghua; GRAY, David (74) Spruson & Ferguson	(71) CHIMAGEN BIOSCIENCES, LTD (11) AU-A-2023412611 (21) 2023412611 (22) 22.12.2023 (54) NOVEL ANTI-GPRC5D ANTIBODY (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C12N 15/12 (2006.01) C12N 15/13 (2006.01) (87) WO2024/131962 (31) 202211667528.5 (32) 23.12.22 (33) CN (43) 27.06.2024 (72) ZHOU, Zhenhao; ZHANG, Jie; WANG, Gong; WANG, Xiaoqing; ZHANG, Xiaoqin; WANG, Qi (74) FB Rice Pty Ltd
(71) CELON PHARMA S.A. (11) AU-A-2023421322 (21) 2023421322 (22) 26.12.2023 (54) NOVEL IONIZABLE LIPID COMPOUNDS FOR NUCLEIC ACID DELIVERY (51) Int. Cl. C07C 229/18 (2006.01) C07C 229/16 (2006.01) C07D 233/90 (2006.01) C07D 233/96 (2006.01) (87) WO2024/147060 (31) 63/478,560 (32) 05.01.23 (33) US (43) 11.07.2024 (72) WIECZOREK, Maciej; MROCZKIEWICZ, Michal; MACH, Mateusz; DUBIEL, Krzysztof; LEMEK, Tadeusz; SETNER, Bartosz; JUSZCZYK, Ewelina; ZERO, Pawel; GALAZKA, Kinga; MAREK, Gabriela; PIĄTKOWSKI, Jakub (74) Spruson & Ferguson	(71) CHA BIOTECH CO., LTD. (11) AU-A-2023396280 (21) 2023396280 (22) 13.10.2023 (54) PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING OVARIAN FAILURE COMPRISING UMBILICAL CORD-DERIVED ADHERENT STEM CELLS (51) Int. Cl. A61K 35/51 (2015.01) A61P 15/08 (2006.01) (87) WO2024/128499 (31) 10-2022-0173666 (32) 13.12.22 (33) KR	(71) CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC OILFIELD SERVICE CORPORATION; SINOPEC SHENGLI PETROLEUM ENGINEERING CO., LTD; DRILLING TECHNOLOGY RESEARCH INSTITUTE OF SINOPEC SHENGLI PETROLEUM ENGINEERING CO., LTD. (11) AU-A-2022492281 (21) 2022492281 (22) 27.12.2022 (54) SAMPLING DEVICE AND ONLINE SURVEYING AND MAPPING SYSTEM (51) Int. Cl. E21B 49/08 (2006.01) E21B 47/00 (2012.01) E21B 47/12 (2012.01) E21B 49/00 (2006.01) (87) WO2024/138358 (43) 04.07.2024 (72) ZHOU, Yanjun; CHEN, Zhongshuai; PEI, Xueliang; LIU, Zhihe; TAN, Kai; LIU, Feng; ZHAO, Chuanwei; WANG, Yanwen; WANG, Guiting; LI, Haobo (74) Adams Pluck
(71) CEPHEID (11) AU-A-2024214518 (21) 2024214518 (22) 29.01.2024 (54) RESPIRATORY BIOMARKER PANEL (51) Int. Cl. B01L 3/00 (2006.01) B01L 7/00 (2006.01) B01L 9/00 (2006.01) C12Q 1/689 (2018.01) C12Q 1/70 (2006.01) (87) WO2024/163366 (31) 63/442,070 (32) 30.01.23 (33) US 63/534,764 25.08.23 US		

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(21) 2023438485 (22) 31.10.2023
(54) STEERING GEAR SHELL, AUTO-MOBILE STEERING GEAR, FRONT SUBFRAME, AND AUTOMOBILE
(51) Int. Cl.
B62D 5/04 (2006.01)
B62D 21/02 (2006.01)
B62D 21/15 (2006.01)
(87) WO2024/193044
(31) 202310277266.X (32) 21.03.23 (33) CN
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(72) ZHANG, Dalei; WANG, Zhengang; LU-AN, Aidong; LUO, Jiawei
(74) LAMINAR IP PTY LTD
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- (71) CHONGQING HAIER ROLLER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
(11) AU-A-2023388243
(21) 2023388243 (22) 24.11.2023
(54) WET WASHING METHOD FOR HIGH-END CLOTHING AND FRONT-LOAD WASHING MACHINE
(51) Int. Cl.
D06F 33/00 (2020.01)
D06F 35/00 (2006.01)
(87) WO2024/120220
(31) 202211584254.3 (32) 09.12.22 (33) CN
(43) 13.06.2024
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(74) MINTER ELLISON
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(11) AU-A-2023404002
(21) 2023404002 (22) 24.11.2023
(54) DRUM WASHING MACHINE, ISOLATED WASHING CONTROL METHOD FOR WASHING DEVICE, AND WASHING DEVICE
(51) Int. Cl.
D06F 33/00 (2020.01)
D06F 33/30 (2020.01)
D06F 33/50 (2020.01)
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(74) Adams Pluck
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(54) DRUM WASHING MACHINE, ISOLATED WASHING CONTROL METHOD FOR WASHING DEVICE, AND WASHING DEVICE
(51) Int. Cl.
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- D06F 33/50 (2020.01)
D06F 33/32 (2020.01)
D06F 39/08 (2006.01)
(87) WO2024/114819
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(43) 06.06.2024
(72) LIANG, Qidui; HUANG, Bencai; SHAN, Wenyan
(74) Adams Pluck
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- (71) CITRA GROUP AG
(11) AU-A-2023427895
(21) 2023427895 (22) 13.10.2023
(54) STRUCTURE AND CONSTRUCTION METHOD
(51) Int. Cl.
E04C 2/288 (2006.01)
E04C 1/41 (2006.01)
(87) WO2024/161198
(31) 2301325.3 (32) 30.01.23 (33) GB
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(72) BAUR, Joel; BÜELER, Benno; GRAF, Andreas
(74) James & Wells Intellectual Property
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- (71) CJ CHEILJEDANG CORPORATION
(11) AU-A-2024228457
(21) 2024228457 (22) 27.02.2024
(54) VARIANT POLYPEPTIDE AND METHOD FOR PRODUCING L-GLUTAMIC ACID USING SAME
(51) Int. Cl.
C07K 14/34 (2006.01)
C12N 15/77 (2006.01)
C12P 13/14 (2006.01)
(87) WO2024/181764
(31) 10-2023-0025828 (32) 27.02.23 (33) KR
(43) 06.09.2024
(72) LEE, Heeseok; KANG, Tae-Gu; CHOI, Sun Hyoung; YOON, Byoung Hoon
(74) Griffith Hack
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- (71) CJ CHEILJEDANG CORPORATION
(11) AU-A-2024308936
(21) 2024308936 (22) 26.06.2024
(54) MICROORGANISM EXPRESSING THREONINE EXPORT PROTEIN RHTC, AND USE THEREOF FOR PRODUCING L-ISOLEUCINE
(51) Int. Cl.
C12N 15/77 (2006.01)
C07K 14/245 (2006.01)
C12P 13/06 (2006.01)
(87) WO2025/005633
(31) 10-2023-0083501 (32) 28.06.23 (33) KR
(43) 02.01.2025
(72) KIM, Kyungrim; KIM, Heeyeong
(74) Griffith Hack
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- (71) CO2PAC LIMITED
(11) AU-A-2023421729
(21) 2023421729 (22) 22.12.2023
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- (54) PLASTIC CONTAINER HAVING AN INTERACTIVE PCR CHANNEL STRUCTURE AND MOVEABLE BASE
(51) Int. Cl.
B65D 79/00 (2006.01)
B65D 1/02 (2006.01)
B65D 1/40 (2006.01)
(87) WO2024/147057
(31) 796065 (32) 04.01.23 (33) NZ
(43) 11.07.2024
(72) MELROSE-ALLEN, Campbell; MEL-ROSE, David Murray
(74) AJ PARK
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- (71) COMMSCOPE TECHNOLOGIES LLC
(11) AU-A-2024209154
(21) 2024209154 (22) 22.01.2024
(54) FIBER CHANNEL ENABLING HIGH SPEED INSTALLATION
(51) Int. Cl.
G02B 6/44 (2006.01)
(87) WO2024/156005
(31) 63/440,276 (32) 20.01.23 (33) US
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(11) AU-A-2024207620
(21) 2024207620 (22) 11.01.2024
(54) CATHETERS
(51) Int. Cl.
A61L 29/14 (2006.01)
A61L 2/18 (2006.01)
A61L 29/16 (2006.01)
A61M 25/00 (2006.01)
(87) WO2024/150007
(31) 63/438,620 (32) 12.01.23 (33) US
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(74) Houlihan Intellectual Property Pty Ltd
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(21) 2024208435 (22) 11.01.2024
(54) CATHETERS
(51) Int. Cl.
A61L 29/14 (2006.01)
A61L 2/18 (2006.01)
A61L 29/16 (2006.01)
A61M 25/00 (2006.01)
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A61F 5/44 (2006.01)
A61F 5/445 (2006.01)
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(31) 63/438,673 (32) 12.01.23 (33) US
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(54) (N-ALKYLDIHYDROL-2H-OXAZINYL)-CANNABIDIOL AS ANTI-PROLIFERATIVE AGENT AND PROCESS FOR PREPARATION THEREOF
(51) Int. Cl.
C07D 487/04 (2006.01)
A61P 35/00 (2006.01)
C07D 413/02 (2006.01)
- (87) WO2024/134682
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(74) Intelpro Patent & Trade Mark Attorneys
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(54) LEATHER-PREPARATION METHOD COMPRISING THE USE OF A SILYLATED COMPOUND, AND LEATHER OBTAINED BY THIS METHOD
(51) Int. Cl.
C14C 3/08 (2006.01)
C14C 3/02 (2006.01)
C14C 3/22 (2006.01)
C14C 3/28 (2006.01)
C14C 9/00 (2006.01)
C14C 11/00 (2006.01)
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B01J 35/50 (2024.01)
C01B 32/05 (2017.01)
C01B 32/16 (2017.01)
C01B 32/162 (2017.01)
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(74) FPA Patent Attorneys Pty Ltd
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A61F 9/00 (2006.01)
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(54) METHOD FOR PREPARING AROMATIC HYDROCARBONS BY MEANS OF COUPLING CONVERSION OF CO AND POLYOLEFIN
(51) Int. Cl.
B01J 29/44 (2006.01)
B01J 29/40 (2006.01)
B01J 29/46 (2006.01)
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B01J 29/76 (2006.01)
C07C 2/86 (2006.01)
C07C 15/04 (2006.01)
C07C 15/06 (2006.01)
C07C 15/08 (2006.01)
C10G 1/10 (2006.01)
C10G 2/00 (2006.01)
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A61K 31/425 (2006.01)
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(21) 2023395070 (22) 18.12.2023
(54) A METHOD OF USING OPTICAL COHERENCE TOMOGRAPHY FOR TRAINING A MACHINE LEARNING MODEL, A METHOD OF DETERMINING AN UNKNOWN CONDITION USING THE TRAINED MODEL, A METHOD OF DETERMINING SEGMENTATION IN A SAMPLE, AND AN OPTICAL COHERENCE TOMOGRAPHY SYSTEM
(51) Int. Cl.
G01B 9/02091 (2022.01)
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(54) LIPID NANODISCS USEFUL IN SOLUBILISING MEMBRANE PROTEINS
(51) Int. Cl.
A61K 9/51 (2006.01)
C08F 212/08 (2006.01)
C08F 220/06 (2006.01)
C08L 25/08 (2006.01)
C08L 33/02 (2006.01)
G01N 33/68 (2006.01)
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(51) Int. Cl.

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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2023412462
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(54) GEMSTONE HOLDER
(51) Int. Cl.
G01N 21/87 (2006.01)
(87) WO2024/132765
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(54) TREATMENT OF MYELOPEROXIDASE-POSITIVE ANCA-ASSOCIATED VASCULITIS WITH H2S RELEASING COMPOUNDS
(51) Int. Cl.
A61K 31/10 (2006.01)
A61K 31/603 (2006.01)
A61K 31/662 (2006.01)
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P2300079 03.03.23 HU
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(74) Griffith Hack
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(51) Int. Cl.
E21B 41/00 (2006.01)
G21F 9/00 (2006.01)
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(72) MULLER, Richard A.
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B07B 1/28 (2006.01)
B07B 1/46 (2006.01)
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(54) ANTIBODIES SPECIFIC TO TRANS-MEMBRANE AND COILED-COIL DOMAIN FAMILY 3 AND USES THEREOF
(51) Int. Cl.
C07K 16/30 (2006.01)
C07K 16/46 (2006.01)
C12N 15/64 (2006.01)
C12N 15/79 (2006.01)
G01N 33/50 (2006.01)
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(74) James & Wells Intellectual Property
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(11) AU-A-2023416254
(21) 2023416254 **(22)** 22.12.2023
(54) METHOD FOR DETERMINING AN INDICATOR OF STRUCTURAL DEFECTIVENESS
(51) Int. Cl.
G01M 17/04 (2006.01)
B60G 17/0185 (2006.01)
G01M 13/045 (2019.01)
G01M 17/02 (2006.01)
G01M 17/10 (2006.01)
(87) WO2024/141739
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(43) 04.07.2024
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(74) FB Rice Pty Ltd
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F21K 9/66 (2016.01)
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C07K 14/47 (2006.01)
A61K 38/00 (2006.01)
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(51) Int. Cl.
B62B 3/00 (2006.01)
A61B 50/13 (2016.01)
B62B 5/00 (2006.01)
H02G 3/04 (2006.01)
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(54) BINARUAL RENDERING
(51) Int. Cl.
H04S 7/00 (2006.01)
G10L 19/008 (2013.01)
H04S 3/00 (2006.01)
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(54) PILL SWALLOWING ASSIST BOTTLE DEVICE
(51) Int. Cl.
A61J 7/00 (2006.01)
A45F 3/16 (2006.01)
B65D 1/02 (2006.01)
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(72) DOSANJH, Hervina
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(11) AU-A-2023407504
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G16C 20/30 (2019.01)
G16C 60/00 (2019.01)
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(31) 18/085,318 (32) 20.12.22 (33) US
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) DOW GLOBAL TECHNOLOGIES LLC
(11) AU-A-2023409235
(21) 2023409235 (22) 20.12.2023
(54) USER INTERFACE FOR MATERIALS AND MATERIAL PROPERTIES PREDICTION USING A MACHINE LEARNING MODEL
(51) Int. Cl.
G16C 60/00 (2019.01)
(87) WO2024/137790
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(11) AU-A-2022488618
(21) 2022488618 (22) 16.12.2022
(54) JOINT DEVICE FOR RECIPROCATING PUMP
(51) Int. Cl.
F16D 3/16 (2006.01)
F16C 11/06 (2006.01)
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(54) METHOD FOR QUALITY CONTROL OF EXTRUDED POLYMERIC MATERIAL
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B29C 48/92 (2019.01)
B29C 48/40 (2019.01)
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H01Q 1/27 (2006.01)
A44B 15/00 (2006.01)
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(31) 18/145,447 (32) 22.12.22 (33) US
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(72) EDWARDS-MILLGATE, Kelly Ann
(74) Kelly Edwards-Millgate
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(21) 2024212123 (22) 24.01.2024
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(51) Int. Cl.
H04L 9/40 (2022.01)
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(31) 2301006.9 (32) 24.01.23 (33) GB
(43) 02.08.2024
(72) CHAPMAN, Jack Alexander
(74) Integrated IP
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(54) BTLA AGONIST ANTIBODIES AND USES THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
C07K 16/18 (2006.01)
(87) WO2024/118923
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(21) 2023408183 (22) 15.12.2023
(54) STABILIZATION OF LIPID NANO-PARTICLE FORMULATIONS
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 47/18 (2017.01)
A61K 48/00 (2006.01)
C12N 15/88 (2006.01)
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(54) OLIGONUCLEOTIDE FRAGMENTS AND METHODS OF MAKING RNAI AGENTS USING THE SAME
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C12N 15/113 (2010.01)
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(54) NOVEL FAS RNAi THERAPEUTICS AND USES THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
(87) WO2024/137729
(31) 63/476,483 (32) 21.12.22 (33) US
(43) 27.06.2024
(72) BAWEL, Seth Andrew; JESSOP, Theodore Curtis; WANG, Jibo; LACKNER, Gregory Lawrence; HAMANG, Matthew Joseph; ANTONELLIS, Patrick Joseph; WILSON, Takako
(74) Spruson & Ferguson
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- (71) ELI LILLY AND COMPANY
(11) AU-A-2023412862
(21) 2023412862 (22) 22.12.2023
(54) NOVEL RNA THERAPEUTICS AND USES THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
(87) WO2024/138111
(31) 63/435,069 (32) 23.12.22 (33) US
(43) 27.06.2024
(72) EGGEN, Marijean; WANG, Jibo; CHENG, Christine Chih-Tao; BEYER, Thomas Patrick; LACKNER, Gregory Lawrence; WILSON, Takako; ANTONELLIS, Patrick Joseph; BAWEL, Seth Andrew; MILES, Rebecca Ruth
(74) Spruson & Ferguson
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- (71) ENEOS CORPORATION
(11) AU-A-2023414181
(21) 2023414181 (22) 27.12.2023
(54) METHOD FOR PRODUCING ETHANOL FROM LIGNOCELLULOSE-BASED RAW MATERIAL
(51) Int. Cl.
C12P 7/06 (2006.01)
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(31) 2022-212741 (32) 28.12.22 (33) JP
(43) 04.07.2024
(72) FUKUDA Akira; KATO Miyuki; IDE Kohei; WASAI Masafumi; MUTAGUCHI Kozue
(74) James & Wells Intellectual Property
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- (71) EQUASHIELD MEDICAL LTD
(11) AU-A-2024218354
(21) 2024218354 (22) 12.02.2024
(54) A VIAL MANIPULATOR FOR USE IN A ROBOTIC PHARMACEUTICAL PREPARATION SYSTEM
(51) Int. Cl.
A61J 1/20 (2006.01)
B01F 29/20 (2022.01)

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B01F 35/42 (2022.01)
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(43) 15.08.2024
(72) SHEM-TOV, Eric; TABOCH, Roie
(74) Spruson & Ferguson
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- (71) EQUIFAX INC.
(11) AU-A-2022492000
(21) 2022492000 (22) 29.12.2022
(54) MACHINE-LEARNING FOR CONTENT INTERACTION
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G06F 16/901 (2019.01)
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A61F 13/15 (2006.01)
A41B 9/12 (2006.01)
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A23C 9/142 (2006.01)
B01D 61/14 (2006.01)
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F24S 30/40 (2018.01)
F24S 30/425 (2018.01)
H02S 20/32 (2014.01)
F24S 25/60 (2018.01)
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A61K 47/02 (2006.01)
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A23L 33/21 (2016.01)
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C07K 16/00 (2006.01)
C12N 15/85 (2006.01)
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A61K 9/08 (2006.01)
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H02B 7/06 (2006.01)
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B32B 7/03 (2019.01)
B32B 27/08 (2006.01)
B32B 27/30 (2006.01)
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(72) ZAMMORI, Riccardo
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(54) LIGHT-COLORED FULL-SHADING CURTAIN FABRIC AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
D03D 15/283 (2021.01)
D03D 13/00 (2006.01)
D03D 15/50 (2021.01)
D06M 15/248 (2006.01)
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(74) Peng Zhang
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 (54) TOPICAL COMPOSITIONS FOR TREATING AND PREVENTING HAIR LOSS AND HAIR GRAYING
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A01C 7/10 (2006.01)
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G01F 25/10 (2022.01)
G01G 11/04 (2006.01)
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 (72) HALLETT, Richard
 (74) MBIP

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A61K 31/4745 (2006.01)
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 (72) HUANG, Yunsheng; LI, Yaowu
 (74) LexGeneris Pty Ltd

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A61P 35/00 (2006.01)
C07D 491/22 (2006.01)
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 (72) HUANG, Yunsheng; LI, Yaowu; WANG, Feng
 (74) LexGeneris Pty Ltd

(71) HANGZHOU ADCORIS BIOPHARMA CO., LTD
 (11) AU-A-2023418078
 (21) 2023418078 (22) 22.12.2023
 (54) ANTIBODY-DRUG CONJUGATE FROM N-HALOALKYL SUBSTITUTED CAMPTOTHECIN DERIVATIVE
 (51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07D 491/22 (2006.01)
 (87) WO2024/140447
 (31) 202211740110.2 (32) 29.12.22 (33) CN
 (43) 04.07.2024
 (72) HUANG, Yunsheng; LI, Yaowu; WANG, Feng
 (74) LexGeneris Pty Ltd

(71) HANGZHOU SUNSTONE TECHNOLOGY CO., LTD.
 (11) AU-A-2023415222
 (21) 2023415222 (22) 25.08.2023
 (54) SPLIT-TYPE LEFT ATRIAL APPENDAGE CLOSURE CLAMP SYSTEM
 (51) Int. Cl.
A61B 17/128 (2006.01)
A61B 17/122 (2006.01)
 (87) WO2024/139303
 (31) 202211695298.3 (32) 28.12.22 (33) CN
 (43) 04.07.2024
 (72) GUO, Haiping; SHI, Lei; ZHANG, Wenjun; WENG, Yaxue; CHEN, Xiaorong; TIAN, Zhuang; LI, Zhonghui; BAN, Zhisha
 (74) LAMINAR IP PTY LTD

(71) HANGZHOU ZHONGMEIHUADONG PHARMACEUTICAL CO., LTD.
 (11) AU-A-2023394509
 (21) 2023394509 (22) 11.12.2023
 (54) SALT-TYPE GLP-1 RECEPTOR AGONIST, CRYSTAL FORM THEREOF, PREPARATION METHOD THEREFOR, PHARMACEUTICAL COMPOSITION THEREOF, AND USE THEREOF
 (51) Int. Cl.
C07D 405/14 (2006.01)
A61K 31/4545 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
 (87) WO2024/125446
 (31) 202211600156.4 (32) 13.12.22 (33) CN
 (43) 20.06.2024
 (72) ZHAI, Wenqiang; TAN, Fang; HAN, Min; PAN, Hao; LIU, Dongzhou
 (74) FB Rice Pty Ltd

(71) HANMI PHARM. CO., LTD.
 (11) AU-A-2023408167
 (21) 2023408167 (22) 22.12.2023
 (54) NOVEL TRIPLE ACTIVATOR HAVING ACTIVITY ON ALL OF GLP-1, GIP, AND GLUCAGON RECEPTORS, AND PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING OBESITY COMPRISING SAME
 (51) Int. Cl.
C07K 14/605 (2006.01)
A61K 38/00 (2006.01)
A61P 3/04 (2006.01)
C07K 14/00 (2006.01)
 (87) WO2024/136573
 (31) 10-2022-0182980 (32) 23.12.22 (33) KR
 (43) 27.06.2024
 (72) KIM, Yo Han; KIM, Jung Kuk; SHIN, Min Kyung; IM, Hyeon Joo
 (74) FB Rice Pty Ltd

(71) HANMI PHARM. CO., LTD.
 (11) AU-A-2023408268
 (21) 2023408268 (22) 22.12.2023
 (54) FORMULATION CONTAINING IMMUNOACTIVE INTERLEUKIN 2 ANALOG CONJUGATE
 (51) Int. Cl.
A61K 9/08 (2006.01)
A61K 9/19 (2006.01)
A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
A61K 47/18 (2017.01)
A61K 47/20 (2006.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
A61K 47/68 (2017.01)
C07K 14/55 (2006.01)
 (87) WO2024/136575
 (31) 10-2022-0182979 (32) 23.12.22 (33) KR
 (43) 27.06.2024
 (72) KIM, Sang Yun; KIM, Jeong Woo; YOO, Nyeong Sang; LEE, Jong Min; CHOI, Min Young; HONG, Sung Hee
 (74) FPA Patent Attorneys Pty Ltd

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(71) HARDLOCK INDUSTRY CO., LTD. (11) AU-A-2023414951 (21) 2023414951 (22) 28.12.2023 (54) SCREW STRUCTURE (51) Int. Cl. F16B 39/30 (2006.01) F16B 39/18 (2006.01) (87) WO2024/143540 (31) 2022-212878 (32) 31.12.22 (33) JP (43) 04.07.2024 (72) WAKABAYASHI, Katsuhiko (74) FB Rice Pty Ltd	(71) HENDRICKSON USA, L.L.C. (11) AU-A-2023424893 (21) 2023424893 (22) 05.12.2023 (54) SHEAR-TO-TORQUE GUIDE PIN ASSEMBLY FOR HEAVY-DUTY VEHICLES (51) Int. Cl. F16D 55/2265 (2006.01) F16D 55/227 (2006.01) (87) WO2024/155368 (31) 63/439,634 (32) 18.01.23 (33) US (43) 25.07.2024 (72) KARICH, Matthew P.; WITTLINGER, Jeffrey R. (74) Spruson & Ferguson	(71) HITACHI ENERGY LTD (11) AU-A-2024209059 (21) 2024209059 (22) 18.01.2024 (54) CONTROL METHOD FOR CONVERTERS WITH VIRTUAL INERTIA (51) Int. Cl. H02J 3/38 (2006.01) H02J 3/46 (2006.01) H02J 3/48 (2006.01) (87) WO2024/153766 (31) 23152764.9 (32) 20.01.23 (33) EP (43) 25.07.2024 (72) TUCKEY, Andrew Mark (74) FB Rice Pty Ltd
(71) HELIOS HUAMING BIOPHARMA CO., LTD. (11) AU-A-2023387505 (21) 2023387505 (22) 24.11.2023 (54) SELENIUM CONTAINING HETERO-CYCLE COMPOUNDS AND USE THEREOF (51) Int. Cl. C07D 487/04 (2006.01) A61K 31/4188 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61K 31/55 (2006.01) A61P 1/04 (2006.01) A61P 17/00 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 471/04 (2006.01) C07D 491/048 (2006.01) C07D 495/04 (2006.01) (87) WO2024/109945 (31) PCT/ CN2022/133855 (32) 24.11.22 (33) CN (43) 30.05.2024 (72) WANG, Yanming; GUO, Zhengwei; XIN, Yanfei; XIA, Mingde (74) IP Guardian Pty Ltd	(71) HIROTSU BIO SCIENCE INC. (11) AU-A-2024210751 (21) 2024210751 (22) 15.01.2024 (54) SUBSTANCE (HATCHING ACCELERATOR) ACCELERATING HATCHING OF CYST NEMATODES (51) Int. Cl. A01N 37/36 (2006.01) A01M 17/00 (2006.01) A01N 37/42 (2006.01) A01N 37/44 (2006.01) A01N 43/08 (2006.01) A01N 43/50 (2006.01) A01N 43/78 (2006.01) A01N 45/02 (2006.01) A01N 59/02 (2006.01) A01N 59/06 (2006.01) A01N 59/16 (2006.01) A01N 65/08 (2009.01) A01N 65/38 (2009.01) A01P 5/00 (2006.01) (87) WO2024/154681 (31) 2023-004655 (32) 16.01.23 (33) JP (43) 25.07.2024 (72) YOKOTA Shigefumi; TANIMOTO Ren (74) FB Rice Pty Ltd	(71) HIVE CHILLING IP PTY LTD (11) AU-A-2023407192 (21) 2023407192 (22) 20.12.2023 (54) MATERIAL CHILLING/FREEZING SYSTEM (51) Int. Cl. F28D 7/10 (2006.01) A22B 5/00 (2006.01) A22B 7/00 (2006.01) A23K 30/00 (2016.01) F28D 21/00 (2006.01) F28F 9/02 (2006.01) F28F 13/02 (2006.01) (87) WO2024/130320 (31) 2022903914 (32) 20.12.22 (33) AU 2023903481 31.10.23 AU (43) 27.06.2024 (72) STAUGHTON, Edward; STAUGHTON, Simon (74) mdp Patent and Trade Mark Attorneys
(71) HELM PHARMACEUTICALS GMBH; NANOFORM FINLAND OYJ (11) AU-A-2024209240 (21) 2024209240 (22) 18.01.2024 (54) CRYSTALLINE NANOPARTICLES COMPRISING ENZALUTAMIDE	(71) HITACHI, LTD. (11) AU-A-2023431561 (21) 2023431561 (22) 31.10.2023 (54) SECURITY DEVICE AND VEHICLE (51) Int. Cl. G06F 9/48 (2006.01) (87) WO2024/171526 (31) 2023-021026 (32) 14.02.23 (33) JP	(71) HOUSE WELLNESS FOODS CORPORATION; HOUSE FOODS CORPORATION (11) AU-A-2023418031 (21) 2023418031 (22) 03.02.2023 (54) ACTIVE INGREDIENT-RETAINING AGENT (51) Int. Cl. A23L 5/00 (2016.01) A23L 29/10 (2016.01) A61K 8/06 (2006.01) A61K 9/107 (2006.01) (87) WO2024/142417 (31) 2022-211335 (32) 28.12.22 (33) JP (43) 04.07.2024 (72) TAGUCHI Hiromu; TOMOTAKE Mun-eaki; AOYAGI Morihiro; ENOKIDA Takashi (74) Griffith Hack (71) HUECK FOLIEN GESELLSCHAFT M.B.H. (11) AU-A-2023407164 (21) 2023407164 (22) 21.12.2023 (54) SECURITY ELEMENT (51) Int. Cl. B42D 25/324 (2014.01)

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(71) HUMACYTE GLOBAL, INC. (11) AU-A-2024207955 (21) 2024207955 (22) 11.01.2024 (54) DEVICES AND METHODS OF A MEDICAMENT-PRODUCING IM-PLANTABLE MATRIX (51) Int. Cl. A61K 9/00 (2006.01) A61K 47/32 (2006.01) A61K 47/42 (2017.01) A61L 27/54 (2006.01) (87) WO2024/151852 (31) 63/438,444 (32) 11.01.23 (33) US (43) 18.07.2024 (72) KURAL, Mehmet H.; NAEGELI, Kaleb; QIAN, Hong; LI, Yuling; NIKLASON, Laura E. (74) Spruson & Ferguson	(71) HYBRIT DEVELOPMENT AB (11) AU-A-2024224346 (21) 2024224346 (22) 22.02.2024 (54) A PROCESS FOR THE PRODUCTION OF SPONGE IRON (51) Int. Cl. C21B 13/00 (2006.01) C21B 13/02 (2006.01) (87) WO2024/177558 (31) 2350202-4 (32) 22.02.23 (33) SE (43) 29.08.2024 (72) HYLLANDER, Gunilla; GRANSTRÖM, Reine (74) Davies Collison Cave Pty Ltd	(71) ICEYE OY (11) AU-A-2023410394 (21) 2023410394 (22) 05.12.2023 (54) SATELLITE RADAR BEAM REFLECT-OR (51) Int. Cl. H01Q 15/18 (2006.01) G01S 7/40 (2006.01) G01S 13/90 (2006.01) (87) WO2024/134014 (31) 22216617.5 (32) 23.12.22 (33) EP (43) 27.06.2024 (72) WOLLERSHEIM, Michael; CRAW-FORD, Scott; MILLER, Trevor (74) FPA Patent Attorneys Pty Ltd
(71) HUMMINGBIRD BIOSCIENCE PTE. LTD. (11) AU-A-2023389035 (21) 2023389035 (22) 06.12.2023 (54) COMBINATION FOR TREATMENT AND PREVENTION OF CANCER (51) Int. Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07K 16/30 (2006.01) C07K 16/32 (2006.01) A61K 39/00 (2006.01) (87) WO2024/121226 (31) 63/430,942 (32) 07.12.22 (33) US 63/459,373 14.04.23 US (43) 13.06.2024 (72) INGRAM, Piers; BOYD-KIRKUP, Jerome; THAKKAR, Dipti; ROWINSKY, Eric; TOY, Weiyl (74) FB Rice Pty Ltd	(71) HYDRO-GEN BV (11) AU-A-2023417560 (21) 2023417560 (22) 22.12.2023 (54) LOW-CAPACITY HIGH-PRESSURE ELECTROLYSIS DEVICE (51) Int. Cl. C25B 1/04 (2021.01) C25B 9/015 (2021.01) C25B 9/05 (2021.01) C25B 9/19 (2021.01) C25B 9/65 (2021.01) C25B 9/70 (2021.01) C25B 11/02 (2021.01) (87) WO2024/144398 (31) 2033845 (32) 27.12.22 (33) NL (43) 04.07.2024 (72) MEERKERK, Arie (74) PHILLIPS ORMONDE FITZPATRICK	(71) IDEXX LABORATORIES, INC. (11) AU-A-2023418645 (21) 2023418645 (22) 29.12.2023 (54) COMPOSITIONS AND METHODS FOR THE DETECTION OF MYCO-PLASMA (51) Int. Cl. G01N 33/569 (2006.01) C07K 14/30 (2006.01) A61K 39/02 (2006.01) A61K 39/39 (2006.01) A61P 31/04 (2006.01) (87) WO2024/145641 (31) 63/477,850 (32) 30.12.22 (33) US (43) 04.07.2024 (72) PALANIAPPAN, Raghavan; POPE, Ethan Everett; YERRAMILLI, Maha (74) FPA Patent Attorneys Pty Ltd
(71) HUTCHINSON S.A. (11) AU-A-2023389692 (21) 2023389692 (22) 08.12.2023 (54) RUN FLAT SYSTEM HAVING A SPRING SUSPENSION (51) Int. Cl. B60C 17/04 (2006.01) B60C 17/06 (2006.01) (87) WO2024/121810 (31) 63/386,574 (32) 08.12.22 (33) US (43) 13.06.2024 (72) BÉLANGER, Germain; HARVEY, Derek; LEVESQUE, Martin; STUCK, Larry, W.; RESARE, Lars, Johan;	(71) HYDROSTOR INC. (11) AU-A-2023413323 (21) 2023413323 (22) 22.12.2023 (54) BRINE-COMPENSATED COM-PRESSED GAS ENERGY STORAGE SYSTEM AND METHOD OF USING SAME (51) Int. Cl. F17B 1/16 (2006.01) B65G 5/00 (2006.01) F03D 9/17 (2016.01) F17C 13/00 (2006.01) (87) WO2024/130447 (31) 63/477,055 (32) 23.12.22 (33) US (43) 27.06.2024 (72) MCGILLIS, Andrew; THEXTON, Lucas (74) FB Rice Pty Ltd	(71) ILOQ OY (11) AU-A-2024266617 (21) 2024266617 (22) 04.04.2024 (54) METHOD AND MEANS FOR VIRTUAL PROPERTY KEYS (51) Int. Cl. G07C 9/00 (2020.01) G07C 9/27 (2020.01) H04B 5/00 (2024.01) H04L 9/40 (2022.01) H04W 4/80 (2018.01) H04W 12/00 (2021.01) (87) WO2024/227969 (31) 63/499,622 (32) 02.05.23 (33) US 18/508,469 14.11.23 US 24168456.2 04.04.24 EP
(71) I3 MEMBRANE GMBH (11) AU-A-2023415716 (21) 2023415716 (22) 27.12.2023 (54) METHOD FOR SELECTIVE SEPARA-TION OF AMPHOTERIC SPECIES (51) Int. Cl. B01D 15/36 (2006.01) B01D 15/38 (2006.01) B01D 15/42 (2006.01) B01D 63/08 (2006.01) B01D 69/12 (2006.01)		

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(72) KARJALAINEN, Tomi
(74) Davies Collison Cave Pty Ltd

(71) IMMUNOCORE LIMITED

(11) AU-A-2024206446
(21) 2024206446 (22) 05.01.2024
(54) BINDING MOLECULES AGAINST A
PIWIL1 PEPTIDE-HLA COMPLEX
(51) Int. Cl.
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)

(87) WO2024/146936
(31) 2300226.4 (32) 06.01.23 (33) GB
2312621.2 18.08.23 GB
(43) 11.07.2024

(72) MAI, Nicole; TECHINE, Arnaud; JA-
WORSKI, Jakub; ATKIN, Kate; LIDDY,
Nat; KARUPPIAH, Vijay; RIBEIRO,
Ana; PENAS, Ana; CREESE, Andrew;
GRANT, Emma; HARPER, Steve;
CHILLAKURI, Chandramouli; MATEOS-
DIAZ, Eduardo; ALEKSIC, Tamara;
RODENAS, Pedro Cuadrado
(74) FB Rice Pty Ltd

(71) IMMUNOCORE LIMITED

(11) AU-A-2024206754
(21) 2024206754 (22) 05.01.2024
(54) BINDING MOLECULES AGAINST A
PRAME PEPTIDE-HLA COMPLEX
(51) Int. Cl.
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)

(87) WO2024/146951
(31) 2300227.2 (32) 06.01.23 (33) GB
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(72) JAWORSKI, Jakub; ATKIN, Kate;
TECHINE, Arnaud; KARUPPIAH, Vi-
jay; SCHLOSSER, Florence; RIBEIRO,
Ana; CHILLAKURI, Chandramouli;
LIDDY, Nat; CREESE, Andrew; EBN-
ER, Martin
(74) FB Rice Pty Ltd

(71) IMS TRADING, LLC

(11) AU-A-2023417760
(21) 2023417760 (22) 27.12.2023
(54) PET CHEW ARTICLE
(51) Int. Cl.

A01K 15/02 (2006.01)
A23K 10/20 (2016.01)
A23K 50/40 (2016.01)
B29C 39/02 (2006.01)
A61D 99/00 (2006.01)
B32B 9/02 (2006.01)
C08L 3/02 (2006.01)
C08L 89/04 (2006.01)

(87) WO2024/145310
(31) 63/477,249 (32) 27.12.22 (33) US
(43) 04.07.2024
(72) AXELROD, Glen S.; GAJRIA, Ajay
(74) IP GATEWAY PATENT & TRADE
MARK ATTORNEYS PTY LTD

(71) INARI AGRICULTURE TECHNOLOGY,
INC.

(11) AU-A-2024207176
(21) 2024207176 (22) 08.01.2024
(54) SOYBEAN FT1A GENE MUTATIONS
(51) Int. Cl.
A01H 1/00 (2006.01)
A01H 5/10 (2018.01)
A01H 6/54 (2018.01)
C12N 15/10 (2006.01)
C12N 15/82 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)

(87) WO2024/151538
(31) 63/479,312 (32) 10.01.23 (33) US
(43) 18.07.2024
(72) GAULT, Christine Marie; LEMMON,
Zachary; ROUNSLEY, Steven D.;
SALA, Rodrigo German
(74) Foote Intellectual Property Limited

(71) INNOSPEC LIMITED

(11) AU-A-2023408664
(21) 2023408664 (22) 22.12.2023
(54) DETERGENT COMPOSITIONS
(51) Int. Cl.
C11D 1/83 (2006.01)
C11D 3/20 (2006.01)
C11D 3/30 (2006.01)
C11D 3/386 (2006.01)
C11D 10/04 (2006.01)
C11D 17/04 (2006.01)
C11D 1/06 (2006.01)

(87) WO2024/133868
(31) 2219599.4 (32) 22.12.22 (33) GB
(43) 27.06.2024
(72) ANDREOLI, Alessandra; PERONI,
Maurizio
(74) PHILLIPS ORMONDE FITZPATRICK

(71) INNOVENT BIOLOGICS (SUZHOU)
CO., LTD.

(11) AU-A-2023404529
(21) 2023404529 (22) 30.11.2023
(54) PREPARATION CONTAINING BISPE-
CIFIC BINDING MOLECULE BIND-
ING TO VEGF AND ANG2 AND USE
THEREOF
(51) Int. Cl.

A61K 39/395 (2006.01)
A61P 27/02 (2006.01)
C07K 16/22 (2006.01)
C07K 19/00 (2006.01)

(87) WO2024/114746
(31) 202211545721.1 (32) 01.12.22 (33) CN
(43) 06.06.2024
(72) LIU, Yi; HE, Bing; MA, Yidong
(74) WRAYS PTY LTD

(71) INNOVO THERAPEUTICS INC.

(11) AU-A-2024210708
(21) 2024210708 (22) 02.01.2024
(54) NOVEL HETEROCYCLIC COM-
POUNDS
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/4725 (2006.01)

A61K 31/496 (2006.01)
A61K 31/5377 (2006.01)

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(31) 10-2023-0009009 (32) 20.01.23 (33) KR
(43) 25.07.2024
(72) KIM, Hak Joong; KO, Seungyun;
JEONG, Eunju; KIM, Tae Hun; RYU,
Jaeyoon
(74) Collison & Co

(71) INSPIRE MEDICAL SYSTEMS, INC.

(11) AU-A-2023414500
(21) 2023414500 (22) 29.12.2023
(54) BIOIMPEDANCE-BASED SYSTEMS
AND METHODS FOR TREATING
BLADDER AND/OR BOWEL DYS-
FUNCTION
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/20 (2006.01)
(87) WO2024/145581
(31) 63/436,502 (32) 31.12.22 (33) US
(43) 04.07.2024
(72) BOLEA, Stephen Lorne; POLETTTO,
Christopher; RONDONI, John
(74) WRAYS PTY LTD

(71) INSPIRE MEDICAL SYSTEMS, INC.

(11) AU-A-2023417712
(21) 2023417712 (22) 29.12.2023
(54) SYSTEMS AND METHODS FOR IM-
PLANTING A LEAD FOR TREATING
BLADDER AND/OR BOWEL DYS-
FUNCTION
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
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(43) 04.07.2024
(72) BOLEA, Stephen Lorne; POLETTTO,
Christopher; SWANSON, Lee Erik
(74) WRAYS PTY LTD

(71) INSPIRE MEDICAL SYSTEMS, INC.

(11) AU-A-2023418566
(21) 2023418566 (22) 29.12.2023
(54) NERVE STIMULATION SYSTEMS
AND METHODS FOR TREATING
BLADDER AND/OR BOWEL DYS-
FUNCTION
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
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(72) BOLEA, Stephen Lorne
(74) WRAYS PTY LTD

(71) INSTITUT RÉGIONAL DU CANCER
DE MONTPELLIER; UNIVERSITÉ DE
MONTPELLIER; CENTRE NATIONAL
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ÉCOLE NATIONALE SUPÉRIEURE DE

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(21) 2023410422 (22) 19.12.2023
(54) BIOMATERIAL FOR USE IN THE DENTAL FIELD
(51) Int. Cl.
A61K 6/62 (2020.01)
A61C 8/02 (2006.01)
A61F 2/28 (2006.01)
A61K 6/824 (2020.01)
A61K 6/887 (2020.01)
B33Y 70/10 (2020.01)
C01G 9/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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A01G 23/093 (2006.01)
A01B 63/00 (2006.01)
A01D 34/835 (2006.01)
A01D 41/06 (2006.01)
A01D 43/00 (2006.01)
A01D 43/08 (2006.01)
A01D 45/00 (2018.01)
A01D 67/00 (2006.01)
B62D 49/06 (2006.01)
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(72) CARR, Howard
(74) WRAYS PTY LTD

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E05B 65/08 (2006.01)
E05D 15/56 (2006.01)
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(54) POLYPEPTIDES WITH ALTERED BINDING TO NEONATAL FC RECEPTOR (FCRN) AND METHODS OF USE
(51) Int. Cl.
C07K 16/00 (2006.01)
(87) WO2024/145280
(31) 63/477,267 (32) 27.12.22 (33) US
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(43) 04.07.2024
(72) BRONDYK, William
(74) Davies Collison Cave Pty Ltd

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C07K 16/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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B23K 26/70 (2014.01)
B23K 26/03 (2006.01)
B23K 26/046 (2014.01)
B23K 26/064 (2014.01)
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(74) PIPERS

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(54) MACHINE-LEARNING TECHNIQUES FOR PREDICTING ACTIONS AND BEHAVIOR
(51) Int. Cl.
G06Q 30/0201 (2023.01)
G06Q 30/0202 (2023.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) FUSED CYCLIC COMPOUNDS AND USE THEREOF
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C07D 498/16 (2006.01)
A61K 31/519 (2006.01)
A61K 31/551 (2006.01)
A61K 31/553 (2006.01)
A61P 35/00 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd

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E04H 6/42 (2006.01)
B63C 15/00 (2006.01)
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
B65G 57/03 (2006.01)
B65G 57/22 (2006.01)
B65G 59/02 (2006.01)
E04H 6/22 (2006.01)
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(72) JAMES, Justin William Allen
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C07K 16/24 (2006.01)
A61P 1/04 (2006.01)
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(54) SYNTHESIS OF A CYCLIC PEPTIDE
(51) Int. Cl.
C07K 7/08 (2006.01)
C07K 1/02 (2006.01)
C07K 5/00 (2006.01)
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(74) Spruson & Ferguson
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(11) AU-A-2023430021
(21) 2023430021 (22) 14.11.2023
(54) SOLIDIFIED BODY, ROADBED MATERIAL, AND METHOD FOR PRODUCING SOLIDIFIED BODY
(51) Int. Cl.
C04B 28/02 (2006.01)
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C04B 18/14 (2006.01)
C04B 18/16 (2023.01)
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- (71) JIANGSU CAREPHAR PHARMACEUTICAL CO., LTD.
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(21) 2023425776 (22) 28.11.2023
(54) QUINOLINE DERIVATIVE COMPOUNDS OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF, PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07D 215/38 (2006.01)
A61K 31/47 (2006.01)
A61K 31/473 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 221/16 (2006.01)
C07D 401/12 (2006.01)
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(11) AU-A-2024204152
(21) 2024204152 (22) 09.05.2024
(54) INSULATING MATERIAL FOR LOW-VOLTAGE POWER CABLE FOR WIND TURBINES AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C08K 5/00 (2006.01)
C08K 5/3437 (2006.01)
C08K 5/3447 (2006.01)
C08K 5/37 (2006.01)
C08L 23/16 (2006.01)
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(74) GLMR
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(21) 2022491648 (22) 23.12.2022
(54) ETHYLENEDIAMINE DERIVATIVE, AND PREPARATION METHOD THEREFOR AND USE THEREOF
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C07D 211/58 (2006.01)
A61K 31/4468 (2006.01)
A61K 31/453 (2006.01)
A61K 31/4545 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
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(21) 2024205562 (22) 29.04.2024
(54) METHOD FOR EXTRACTING DOCUMENT INFORMATION, DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
G06F 40/205 (2020.01)
G06F 8/10 (2018.01)
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(54) FILTER METAL PLATES COATED WITH MULTIFUNCTIONAL NANO-COATINGS
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B01D 39/10 (2006.01)
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(51) Int. Cl.
G05B 19/05 (2006.01)
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(54) RECOMBINANT HEMOGLOBIN
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C07K 19/00 (2006.01)
C12N 15/11 (2006.01)
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(74) Forte Intellectual Property Pty Ltd
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- (71) KATO MEDICAL, INC.
(11) AU-A-2023413101
(21) 2023413101 (22) 21.12.2023
(54) SYSTEMS AND METHODS FOR A SPINAL ANATOMY REGISTRATION FRAMEWORK
(51) Int. Cl.
A61B 34/10 (2016.01)
A61B 17/70 (2006.01)
(87) WO2024/137956
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(72) CHAREST, Joshua; HILL, Albert
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(54) HYDROGEN PLANT
(51) Int. Cl.
F25J 1/00 (2006.01)
C01B 3/00 (2006.01)
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(43) 04.07.2024
(72) KIMURA, Takehiro
(74) Spruson & Ferguson
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- (71) KAWASAKI JUKOGYO KABUSHIKI KAISHA
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(21) 2023415586 (22) 18.12.2023
(54) GAS REPLACEMENT METHOD FOR LIQUEFIED HYDROGEN PUMP
(51) Int. Cl.
F04D 7/00 (2006.01)
F04B 15/08 (2006.01)
F17C 9/00 (2006.01)
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- (71) KIBOSH LTD
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(54) PIPE CLAMPING APPARATUS
(51) Int. Cl.
F16L 55/103 (2006.01)
F16L 55/17 (2006.01)
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(54) AIR PERMEABLE NONWOVEN COMPOSITE
(51) Int. Cl.
B32B 3/26 (2006.01)
B32B 5/26 (2006.01)
B32B 27/12 (2006.01)
B32B 37/14 (2006.01)
B32B 38/04 (2006.01)
D04H 13/00 (2006.01)
A61F 13/49 (2006.01)
B32B 27/08 (2006.01)
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(74) Spruson & Ferguson
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- (71) KIMBERLY-CLARK WORLDWIDE, INC.
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(21) 2023390538 (22) 08.12.2023
(54) MULTI-LAYER ABSORBENT SUBSTRATE AND ABSORBENT ARTICLES INCORPORATING SAME
(51) Int. Cl.
A61F 13/534 (2006.01)
A61F 13/539 (2006.01)
A61L 15/60 (2006.01)
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(31) 63/431,409 (32) 09.12.22 (33) US
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(54) COATED GYPSUM SET STABILIZING PARTICLES HAVING A HYDROPHOBIC GYPSUM CORE, GYPSUM BOARD INCLUDING SAME, PROCESS FOR MAKING THE PARTICLES, AND PROCESS FOR MAKING THE GYPSUM BOARD
(51) Int. Cl.
C04B 20/10 (2006.01)
C04B 28/14 (2006.01)
(87) WO2024/118429
(31) 63/385,679 (32) 01.12.22 (33) US
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(72) HEMPHILL, Mark K.; ALDABEIBEH, Naser; ANTOSH, Mark
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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(54) INTERNET OF THINGS (IOT) APPLICATION FOR CABLE ANALYSIS
(51) Int. Cl.
G01M 5/00 (2006.01)
G06Q 10/20 (2023.01)
(87) WO2024/158434
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(72) PADILLA, Luis
(74) Allens Patent & Trade Mark Attorneys
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- (71) KODIAK ROBOTICS, INC.
(11) AU-A-2023417774
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- (54) SYSTEMS AND METHODS FOR DOWNSAMPLING IMAGES
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G06V 10/26 (2022.01)
G06V 20/56 (2022.01)
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(43) 04.07.2024
(72) WENDEL, Andreas
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) KOMATSU LTD.
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(54) TRAVEL DEVICE, TUNNEL BORING MACHINE, TRAILING CAR, TRANSPORT VEHICLE, TUNNEL BORING SYSTEM, AND MOVEMENT METHOD
(51) Int. Cl.
E21D 9/087 (2006.01)
B62D 57/02 (2006.01)
E21D 9/00 (2006.01)
E21D 9/06 (2006.01)
E21D 9/11 (2006.01)
(87) WO2024/172078
(31) 2023-023731 (32) 17.02.23 (33) JP
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(43) 22.08.2024
(72) KAWAI Kazunari; TERADA Shinichi; HIRATSUKA Keigo
(74) FB Rice Pty Ltd
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- (71) KRAFT FOODS GROUP BRANDS LLC
(11) AU-A-2023414647
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(54) FOOD PRODUCTS COMPRISING A PROLAMIN AND A METHOD OF MAKING FOOD PRODUCTS COMPRISING A PROLAMIN
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A23J 3/14 (2006.01)
A23C 20/02 (2021.01)
A23J 1/00 (2006.01)
A23J 3/16 (2006.01)
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(72) GROVER, Julie Anne; TRIO, Allison Therese
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) KURARAY CO., LTD.
(11) AU-A-2023409164
(21) 2023409164 (22) 18.12.2023
(54) MULTILAYER STRUCTURE, PACKAGING MATERIAL USING SAME, AND MULTILAYER STRUCTURE MANUFACTURING METHOD
(51) Int. Cl.
B32B 27/28 (2006.01)
B32B 27/00 (2006.01)
B32B 27/30 (2006.01)
B65D 65/40 (2006.01)
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(71) KZJ NEW MATERIALS GROUP SHANXI CO., LTD.; KZJ NEW MATERIALS GROUP CO., LTD. (11) AU-A-2024203457 (21) 2024203457 (22) 28.03.2024 (54) ETHER-TYPE POLYCARBOXYLATE SLUMP-RETAINING AGENT, AND PREPARATION METHOD AND APPLICATION THEREOF (51) Int. Cl. C04B 24/26 (2006.01) C08F 212/14 (2006.01) C08F 220/06 (2006.01) C08F 220/20 (2006.01) C08F 283/06 (2006.01) (31) 202311794952.0 (32) 25.12.23 (33) CN (43) 10.07.2025 (72) KE, Yuliang; AN, Xiaoqiang; FANG, Yunhui; YU, Kangjian; LI, Xinpeng (74) A.P.T. Patent and Trade Mark Attorneys	(UE) IN A STANDALONE NON-PUBLIC NETWORK (SNPN) (51) Int. Cl. H04W 60/00 (2009.01) H04W 8/24 (2009.01) H04W 84/04 (2009.01) (87) WO2024/134635 (31) 63/485,483 (32) 16.02.23 (33) US (43) 27.06.2024 (72) ATARIUS, Roozbeh; VELEV, Genadi (74) FPA Patent Attorneys Pty Ltd	H01M 50/507 (2021.01) H01M 50/517 (2021.01) H01M 50/588 (2021.01) (87) WO2024/128459 (31) 10-2022-0172671 (32) 12.12.22 (33) KR (43) 20.06.2024 (72) PARK, Jung-Beom; JUNG, Goan-Su; NAMGOUNG, Hyeok; LIM, Dae-Hoon; JEONG, Ji-Won; CHOI, Byung-Hyuk; HONG, Seok-Hyun (74) FB Rice Pty Ltd
(71) LEAFT FOODS IP LIMITED (11) AU-A-2023408552 (21) 2023408552 (22) 22.12.2023 (54) EXTRACTION PROCESS AND APPARATUS (51) Int. Cl. A23J 1/00 (2006.01) A23L 2/38 (2021.01) A23L 11/60 (2021.01) A23L 29/00 (2016.01) A23L 33/105 (2016.01) A23N 1/02 (2006.01) B30B 9/14 (2006.01) (87) WO2024/136679 (31) 2022903987 (32) 22.12.22 (33) AU 2022903991 22.12.22 AU (43) 27.06.2024 (72) MILNE, Ross; GORDON, Anne; SHEPPARD, Nathan; LAW, Marissa (74) AJ PARK	(71) LENOVO (SINGAPORE) PTE. LTD. (11) AU-A-2024217306 (21) 2024217306 (22) 03.04.2024 (54) SIDELINK LOGICAL CHANNEL PRIORITIZATION (LCP) PROCEDURE BASED ON A SHARED CHANNEL OCCUPANCY TIME (COT) (51) Int. Cl. H04W 74/0808 (2024.01) H04W 74/00 (2009.01) (87) WO2024/166084 (31) 63/494,103 (32) 04.04.23 (33) US (43) 15.08.2024 (72) LÖHR, Joachim; GOLITSCHKE EDLER VON ELBWART, Alexander Johann Maria; GANESAN, Karthikeyan; BASU MALLICK, Prateek (74) FPA Patent Attorneys Pty Ltd	(71) LG ENERGY SOLUTION, LTD. (11) AU-A-2024384420 (21) 2024384420 (22) 08.08.2024 (54) ENERGY STORAGE SYSTEM, AND PROTECTION DEVICE AND PROTECTION METHOD THEREOF (51) Int. Cl. H02H 7/18 (2006.01) G01R 19/00 (2006.01) G01R 19/10 (2006.01) G01R 19/165 (2006.01) H02J 7/00 (2006.01) (87) WO2025/110406 (31) 10-2023-0163660 (32) 22.11.23 (33) KR (43) 30.05.2025 (72) JOE, Reejin; KIM, Jong Wan (74) FB Rice Pty Ltd
(71) LENOVO (SINGAPORE) PTE. LTD. (11) AU-A-2023369199 (21) 2023369199 (22) 16.05.2023 (54) SELECTING SIDELINK POSITIONING DEVICES IN A WIRELESS COMMUNICATION NETWORK (51) Int. Cl. H04W 64/00 (2009.01) G01S 5/00 (2006.01) H04W 92/18 (2009.01) (87) WO2024/088601 (31) 20230100263 (32) 29.03.23 (33) GR (43) 02.05.2024 (72) CHOI, Hyung-Nam; THOMAS, Robin Rajan; KARAMPATIS, Dimitrios (74) FPA Patent Attorneys Pty Ltd	(71) LEO CANCER CARE, INC. (11) AU-A-2024208304 (21) 2024208304 (22) 11.01.2024 (54) PATIENT IMMOBILIZATION (51) Int. Cl. A61B 6/04 (2006.01) A61B 6/42 (2024.01) (87) WO2024/151806 (31) 63/438,978 (32) 13.01.23 (33) US (43) 18.07.2024 (72) BAUER, Michael K. (74) Davies Collison Cave Pty Ltd	(71) LOCUS SOLUTIONS IPCO, LLC (11) AU-A-2023408779 (21) 2023408779 (22) 19.12.2023 (54) SOPHOROLIPIDS AND SOPHOROLIPID DERIVATIVES AS TANK MIX ADDITIVES AND ADJUVANTS IN CROP PROTECTION FORMULATIONS (51) Int. Cl. A01N 43/16 (2006.01) (87) WO2024/137625 (31) 63/434,533 (32) 22.12.22 (33) US (43) 27.06.2024 (72) KIEKEN, Laurent; SPEIGHT, Lee (74) James & Wells Intellectual Property
(71) LENOVO (SINGAPORE) PTE. LTD. (11) AU-A-2024205428 (21) 2024205428 (22) 16.02.2024 (54) TRANSMITTING EXTENDED INFORMATION TO USER EQUIPMENT	(71) LG ENERGY SOLUTION, LTD. (11) AU-A-2023396230 (21) 2023396230 (22) 04.08.2023 (54) BATTERY RACK (51) Int. Cl. H01M 50/59 (2021.01) H01M 50/209 (2021.01) H01M 50/251 (2021.01)	(71) LYGG CORPORATION (11) AU-A-2023417669 (21) 2023417669 (22) 27.12.2023 (54) CHROMOPHORIC COMPOUNDS AND UV-ABSORBING COMPOSITIONS (51) Int. Cl. A61K 8/37 (2006.01) A61K 8/40 (2006.01) A61Q 17/04 (2006.01) C07C 69/602 (2006.01) (87) WO2024/145346 (31) 63/435,372 (32) 27.12.22 (33) US (43) 04.07.2024 (72) DICK, Graham (74) FB Rice Pty Ltd
(71) LENOVO (SINGAPORE) PTE. LTD. (11) AU-A-2024205428 (21) 2024205428 (22) 16.02.2024 (54) TRANSMITTING EXTENDED INFORMATION TO USER EQUIPMENT	(71) LG ENERGY SOLUTION, LTD. (11) AU-A-2023396230 (21) 2023396230 (22) 04.08.2023 (54) BATTERY RACK (51) Int. Cl. H01M 50/59 (2021.01) H01M 50/209 (2021.01) H01M 50/251 (2021.01)	(71) MARJAN INDÚSTRIA E COMÉRCIO LTDA (11) AU-A-2023407242 (21) 2023407242 (22) 22.12.2023 (54) FUNCTIONALIZED LIPOSOMAL COMPLEX, PHARMACEUTICAL COMPOS-

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A61K 31/07 (2006.01)			(54) BINDING DEVICE			A61K 45/06 (2006.01)			
A61K 47/26 (2006.01)			(51) Int. Cl.			A61P 25/04 (2006.01)			
A61K 47/30 (2006.01)			E04G 21/12 (2006.01)			(87) WO2024/112725			
A61P 3/04 (2006.01)			B21F 15/06 (2006.01)			(31) 63/384,790		(32) 23.11.22 (33) US	
A61P 35/00 (2006.01)			B65B 13/18 (2006.01)			63/384,792			
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(74) Allens Patent & Trade Mark Attorneys			2023-007187			63/384,796			
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			(72) AZAMI Takanari; KISHI Kazuhiko			(72) RIGAS, Basil			
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63/507,009	08.06.23	US	(31) 2033787	(32) 21.12.22 (33) NL	
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(43) 13.06.2024			(74) FPA Patent Attorneys Pty Ltd	B01D 53/96 (2006.01)	
(72) ITESCU, Silviu; SIMMONS, Paul; HAYES, Jack; HORST, Justin; SEE, Fiona; BOROW, Kenneth				(87) WO2024/133948	
(74) FB Rice Pty Ltd				(31) 2219726.3	(32) 23.12.22 (33) GB
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				(72) GOBAILLE-SHAW, Gael; SAHM, Constantin; LUIZ, Audrey; SHARMA, Trishan	
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(71) MESOBLAST INTERNATIONAL SARL			(71) MILLS, R.L.	(71) MITSUBISHI ELECTRIC CORPORATION	
(11) AU-A-2023389701			(11) AU-A-2023408616	(11) AU-A-2023438078	
(21) 2023389701	(22) 08.12.2023		(21) 2023408616	(21) 2023438078	(22) 23.03.2023
(54) METHOD OF TREATING INFLAMMA- TION WITH CELLULAR COMPOSI- TIONS			(54) REACTIONLESS SPACE DRIVE BY INCREASING THE KINETIC ENERGY OF A DIRECTIONAL PLASMA FLOW WITH MAGNETOHYDRODYNAMIC FLOW ARRESTING	(54) INDOOR MACHINE OF AIR CONDI- TIONER	
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.	
A61K 35/28 (2015.01)			F03H 1/00 (2006.01)	F24F 13/20 (2006.01)	
(87) WO2024/121819			B64G 1/40 (2006.01)	F24F 13/22 (2006.01)	
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(72) ITESCU, Silviu; SIMMONS, Paul; HAYES, Jack; HORST, Justin; SEE, Fiona			(72) MILLS, Randell, L.		
(74) FB Rice Pty Ltd			(74) Griffith Hack		
(71) MESOBLAST INTERNATIONAL SARL			(71) MINGHUI PHARMACEUTICAL (HANG- ZHOU) LIMITED; MINGHUI PHARMA- CEUTICAL (SHANGHAI) LIMITED	(71) MITSUBISHI ELECTRIC CORPORATION	
(11) AU-A-2023389702			(11) AU-A-2023387509	(11) AU-A-2023439113	
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(54) PRE-LICENSED COMPOSITION AND CELL CULTURE METHODS			(54) ANTI-TUMOR COMPOUND AND USE THEREOF	(54) REFRIGERATOR	
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.	
C12N 5/0775 (2010.01)			A61K 47/68 (2017.01)	F25D 23/04 (2006.01)	
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(72) ITESCU, Silviu; SIMMONS, Paul; HAYES, Jack; HORST, Justin; SEE, Fiona			(87) WO2024/109949		
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			(74) FPA Patent Attorneys Pty Ltd		
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(54) CONDITIONED MEDIA AND USE OF THE SAME			(54) PROCESSES AND INTERMEDIATES FOR SYNTHESIS OF MRTX0902	(54) OUTDOOR UNIT AND REFRIGERA- TION CYCLE DEVICE	
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.	
C12N 5/0775 (2010.01)			A61K 31/5025 (2006.01)	F25B 39/00 (2006.01)	
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(71) MILK HOLDING B.V.			(71) MISSION ZERO TECHNOLOGIES LTD	(71) MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	
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(21) 2023408436	(22) 20.12.2023			(21) 2023395315	(22) 09.11.2023
(54) A SEAT FOR A BUGGY, STROLLER OR PUSHCHAIR				(54) CONTROL DEVICE, AIR CONDITION- ER, AND CONTROL METHOD	
(51) Int. Cl.				(51) Int. Cl.	
				F24F 11/65 (2018.01)	
				F24F 11/64 (2018.01)	
				F24F 11/74 (2018.01)	
				F24F 11/86 (2018.01)	
				F24F 110/10 (2018.01)	

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(72) UNO Naomichi; NAKANISHI Michiaki
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2024207015
(21) 2024207015 **(22)** 08.01.2024
(54) TARGETED DEGRADATION OF VAV1
(51) Int. Cl.
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 211/40 (2006.01)
C07D 401/10 (2006.01)
(87) WO2024/151547
(31) 63/437,951 **(32)** 09.01.23 **(33)** US
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(54) COMPOSITIONS AND METHODS FOR TREATING PARKINSON'S DISEASE
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C12N 9/14 (2006.01)
A61K 38/46 (2006.01)
A61P 25/16 (2006.01)
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- (71)** NANJING CHIA TAI TIANQING PHARMACEUTICAL CO., LTD.
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(54) INHIBITOR OF COMPLEMENT FACTOR B
(51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/454 (2006.01)
A61P 13/12 (2006.01)
C07D 401/02 (2006.01)
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- (71)** NANJING NOVLEAD BIOTECHNOLOGY CO., LTD.
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(21) 2023416236 **(22)** 27.12.2023
(54) ON-DEMAND NITRIC OXIDE GENERATION AND DELIVERY DEVICES
(51) Int. Cl.
C25B 9/17 (2021.01)
B01D 53/56 (2006.01)
C01B 21/24 (2006.01)
(87) WO2024/140813
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** NATERA, INC.
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(21) 2024206910 **(22)** 02.01.2024
(54) METHODS AND COMPOSITIONS FOR AMPLIFYING METHYLATED TARGET DNA MOLECULES
(51) Int. Cl.
C12Q 1/6827 (2018.01)
C12Q 1/6886 (2018.01)
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(54) UNDERGROUND MINING SYSTEM AND METHOD
(51) Int. Cl.
E21D 23/00 (2006.01)
E21C 27/24 (2006.01)
E21C 41/18 (2006.01)
E21D 20/00 (2006.01)
E21D 23/03 (2006.01)
E21D 23/08 (2006.01)
E21D 23/12 (2006.01)
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(72) THOMAS, Stuart David; O'TOOLE, Mark John
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(54) GRAPHICAL MEMORY SHARING
(51) Int. Cl.
G06F 9/52 (2006.01)
A63F 13/35 (2014.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
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(74) Madderns Pty Ltd
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(54) WIRELESS WIDE AREA NETWORK RADIO SYSTEM AND APPARATUS
(51) Int. Cl.
H04B 1/48 (2006.01)
H04B 1/401 (2015.01)
H04W 84/12 (2009.01)
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H04W 52/04 (2009.01)
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(21) 2023408815 **(22)** 12.12.2023
(54) OIL-WELL METAL PIPE
(51) Int. Cl.
F16L 15/04 (2006.01)
E21B 43/00 (2006.01)
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(54) METAL PIPE FOR OIL WELLS
(51) Int. Cl.
F16L 15/04 (2006.01)
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(51) Int. Cl.
C12M 1/00 (2006.01)
C12M 3/00 (2006.01)
C12N 5/071 (2010.01)
(87) WO2024/116998
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(51) Int. Cl.
H01M 50/204 (2021.01)
B60L 50/64 (2019.01)
B63H 21/17 (2006.01)
H01M 50/244 (2021.01)
H01M 50/249 (2021.01)
H01M 50/262 (2021.01)
H01M 50/296 (2021.01)
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H02H 3/00 (2006.01)
H02H 3/08 (2006.01)
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F02C 3/22 (2006.01)
C01B 3/04 (2006.01)
F02C 6/10 (2006.01)
F02C 7/232 (2006.01)
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C01B 3/38 (2006.01)
B01D 53/047 (2006.01)
B01D 53/14 (2006.01)
B01D 53/62 (2006.01)
C01B 3/48 (2006.01)
C01B 3/50 (2006.01)
F02C 3/22 (2006.01)
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(74) Patent Attorney Services
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A61K 35/17 (2015.01)
A61K 35/28 (2015.01)
A61P 35/00 (2006.01)
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G06Q 50/08 (2012.01)
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B66F 9/06 (2006.01)
B66F 9/075 (2006.01)
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B66F 9/06 (2006.01)
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(54) DETECTING A MOVING PICKING
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G06V 10/764 (2022.01)
B65G 1/04 (2006.01)
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G06V 10/22 (2022.01)
B65G 1/04 (2006.01)
B65G 47/90 (2006.01)
G06Q 10/087 (2023.01)
G06V 10/764 (2022.01)
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G06V 10/44 (2022.01)
G05D 1/00 (2024.01)
G06T 7/70 (2017.01)
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A01H 3/00 (2006.01)
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(51) Int. Cl.
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A61K 51/02 (2006.01)
A61P 35/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/08 (2006.01)
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 SYSTEM
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A63B 47/02 (2006.01)
A63B 63/00 (2006.01)
A63B 63/08 (2006.01)
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(72) OSBORN, James
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(54) CRYSTALLINE FORM OF AN N-HET-
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 POSITIONS AND METHODS THERE-
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(51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
C07B 61/00 (2006.01)
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A61K 31/496 (2006.01)
A61N 5/10 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
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(51) Int. Cl.
G01N 33/543 (2006.01)
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(54) AEROSOL-GENERATING ARTICLE
 COMPRISING A FRAME
(51) Int. Cl.
A24D 1/20 (2020.01)
A24F 40/30 (2020.01)
A24F 40/42 (2020.01)
A24F 40/485 (2020.01)
A24F 40/20 (2020.01)
(87) WO2024/133756
(31) 22216422.0 **(32)** 23.12.22 **(33)** EP
(43) 27.06.2024
(72) BOLOGNA, Matteo; DAYIOĞLU, Onur
(74) James & Wells Intellectual Property

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(51) Int. Cl.
A24D 1/20 (2020.01)
A24F 40/30 (2020.01)
A24F 40/42 (2020.01)
A24F 40/485 (2020.01)
A24F 40/20 (2020.01)
(87) WO2024/133672
(31) 22216422.0 **(32)** 23.12.22 **(33)** EP
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(72) BOLOGNA, Matteo; CHASSOT, Bruno
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 UTHURRY, Jerome
(74) James & Wells Intellectual Property

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(54) AEROSOL-GENERATING ARTICLE
(51) Int. Cl.
A24D 1/20 (2020.01)
A24F 40/30 (2020.01)
A24F 40/42 (2020.01)
A24F 40/485 (2020.01)
A24F 40/20 (2020.01)
(87) WO2024/133677
(31) 22216422.0 **(32)** 23.12.22 **(33)** EP
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 UTHURRY, Jerome
(74) James & Wells Intellectual Property

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 COMPRISING A FRAME
(51) Int. Cl.
A24F 40/42 (2020.01)
A24D 1/20 (2020.01)
A24F 40/30 (2020.01)
A24F 40/485 (2020.01)
A24F 40/20 (2020.01)
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(31) 22216422.0 **(32)** 23.12.22 **(33)** EP
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(72) BOLOGNA, Matteo; DAYIOĞLU, Onur;
 VOLLMER, Jean-Yves
(74) James & Wells Intellectual Property

(71) PHILIP MORRIS PRODUCTS S.A.
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 COMPRISING A FRAME
(51) Int. Cl.
A24D 1/20 (2020.01)
A24F 40/30 (2020.01)
A24F 40/42 (2020.01)
A24F 40/485 (2020.01)
A24F 40/20 (2020.01)
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(72) BOLOGNA, Matteo; DAYIOĞLU, Onur
(74) James & Wells Intellectual Property

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 DEVICE, AND SYSTEM
(51) Int. Cl.
A24D 1/20 (2020.01)
A24F 40/30 (2020.01)
A24F 40/42 (2020.01)
A24F 40/485 (2020.01)
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 (51) Int. Cl.
A24D 1/20 (2020.01)
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 (72) BOLOGNA, Matteo; DAYIOĞLU, Onur; VOLLMER, Jean-Yves
 (74) James & Wells Intellectual Property
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A01N 37/52 (2006.01)
A01N 37/50 (2006.01)
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A01N 43/40 (2006.01)
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C05G 3/00 (2020.01)
C05B 9/00 (2006.01)
C05B 17/00 (2006.01)
C05F 5/00 (2006.01)
C05F 11/08 (2006.01)
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B29C 44/12 (2006.01)
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B29C 39/12 (2006.01)
B29C 44/04 (2006.01)
B29C 44/18 (2006.01)
B29C 70/74 (2006.01)
E04H 12/00 (2006.01)
E04H 12/02 (2006.01)
E04H 12/08 (2006.01)
F21S 8/08 (2006.01)
B29L 31/00 (2006.01)
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F41C 23/02 (2006.01)
A41D 1/00 (2018.01)
A62B 35/00 (2006.01)
F41C 33/00 (2006.01)
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B29C 48/00 (2019.01)
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C08J 11/24 (2006.01)
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A61K 8/66 (2006.01)
C12N 9/14 (2006.01)
C11D 3/386 (2006.01)
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C21D 8/02 (2006.01)
C21D 9/46 (2006.01)
C22C 38/06 (2006.01)
C22C 38/42 (2006.01)
C22C 38/44 (2006.01)
C22C 38/46 (2006.01)
C22C 38/48 (2006.01)
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A61K 31/451 (2006.01)
A61P 25/28 (2006.01)
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B01J 19/18 (2006.01)
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B29D 24/00 (2006.01)
B32B 3/12 (2006.01)
B32B 3/20 (2006.01)
G01H 3/00 (2006.01)
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H01R 13/62 (2006.01)
H01R 13/627 (2006.01)
H01R 13/642 (2006.01)
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G06F 3/0362 (2013.01)
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(54) PEST CONTROL COMPOSITION
(51) Int. Cl.
A01N 27/00 (2006.01)
A01N 25/06 (2006.01)
A01N 31/08 (2006.01)
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A61K 9/00 (2006.01)
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A61K 31/506 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/24 (2006.01)
A61K 47/26 (2006.01)
A61K 47/36 (2006.01)
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C07K 16/28 (2006.01)
A61K 51/10 (2006.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
A61K 101/02 (2006.01)
A61K 103/00 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/375 (2021.01)

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G06N 3/044 (2023.01)
G06N 3/0464 (2023.01)
G06N 20/00 (2019.01)
G16H 20/30 (2018.01)
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F24F 11/46 (2018.01)
F24F 11/50 (2018.01)
F24F 11/62 (2018.01)
F24F 11/70 (2018.01)
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C12Q 1/6886 (2018.01)
G16H 50/70 (2018.01)
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A61P 25/18 (2006.01)
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G08B 21/08 (2006.01)
G01G 19/08 (2006.01)
B60G 11/107 (2006.01)
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C01C 1/04 (2006.01)
B01J 23/08 (2006.01)
B01J 23/62 (2006.01)
B01J 23/825 (2006.01)
B01J 35/27 (2024.01)
B01J 35/30 (2024.01)
B01J 37/00 (2006.01)
B01J 37/04 (2006.01)
B01J 37/08 (2006.01)
B01J 37/34 (2006.01)
C22C 1/02 (2006.01)
C22C 5/00 (2006.01)
C22C 9/00 (2006.01)
C22C 19/03 (2006.01)
C22C 22/00 (2006.01)
C22C 28/00 (2006.01)

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C07D 401/04 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
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H04W 48/02 (2009.01)

H04B 7/185 (2006.01)
H04W 4/14 (2009.01)
H04W 8/24 (2009.01)
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H04W 76/10 (2018.01)
H04W 84/06 (2009.01)
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A61K 31/16 (2006.01)
A61K 31/198 (2006.01)
A61K 31/353 (2006.01)
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(51) Int. Cl.
F24F 7/007 (2006.01)
F24F 7/003 (2021.01)
F24F 8/15 (2021.01)
F24F 11/77 (2018.01)
F24F 110/10 (2018.01)
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F24F 110/66 (2018.01)
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G07D 7/04 (2016.01)
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POUNDS PREPARED THEREFROM
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/702 (2006.01)
A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
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C07F 9/6561 (2006.01)
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Patrick
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MACEUTICAL GROUP CO., LTD.
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(21) 2023404553 (22) 30.11.2023
(54) POLYPEPTIDE INHIBITOR, AND PRE-
PARATION METHOD THEREFOR
AND USE THEREOF
(51) Int. Cl.
C07K 7/64 (2006.01)
A61K 38/00 (2006.01)
A61K 38/12 (2006.01)
A61P 1/00 (2006.01)
A61P 11/00 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
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Zhen
(74) PHILLIPS ORMONDE FITZPATRICK

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CIENCES CO., LTD.
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(21) 2023418787 (22) 27.12.2023
(54) NAPHTHYLAMIDE COMPOUND, AND
PREPARATION METHOD THEREFOR
AND USE THEREOF
(51) Int. Cl.
C07D 215/22 (2006.01)
A61K 31/44 (2006.01)
A61K 31/47 (2006.01)

A61P 35/00 (2006.01)
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PAN, Desi
(74) Minter Ellison

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LOGY CO., LTD.; WUHAN RHEGEN
BIOTECHNOLOGY CO., LTD.
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(54) HALOGEN-CONTAINING COM-
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5' END OF NUCLEIC ACID AND USE
THEREOF
(51) Int. Cl.
C07H 19/20 (2006.01)
A61K 31/7125 (2006.01)
C07H 21/02 (2006.01)
C12N 15/10 (2006.01)
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(74) FB Rice Pty Ltd

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(54) SYSTEMS AND METHODS FOR
OVERLAY OF VIRTUAL OBJECT ON
PROXY OBJECT
(51) Int. Cl.
G06T 19/00 (2011.01)
G06Q 30/0601 (2023.01)
G09G 5/377 (2006.01)
(87) WO2024/152100
(31) 63/440,154 (32) 20.01.23 (33) US
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BELLO, Diego Marcario; BEAUCHAMP,
Daniel
(74) Murray Trento & Associates Pty Ltd

(71) SHOPIFY INC.
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(21) 2023425019 (22) 28.08.2023
(54) SYSTEMS AND METHODS FOR DIR-
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THIRD-PARTY DOMAINS
(51) Int. Cl.
H04L 67/141 (2022.01)
H04L 67/146 (2022.01)
G06Q 20/12 (2012.01)
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AND METHODS OF USE THEREOF
(51) Int. Cl.
C11D 3/386 (2006.01)
A01N 25/02 (2006.01)
C11D 7/10 (2006.01)
H01M 4/02 (2006.01)
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(31) 63/486,727 (32) 24.02.23 (33) US
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LEWISCH, Sandra A.; BAHAR, Izak
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(54) COMPOSITIONS AND METHODS
FOR CONTROLLING GLUCOSE
LEVELS
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A61K 31/343 (2006.01)
A61K 31/351 (2006.01)
A61K 31/424 (2006.01)
A61P 3/10 (2006.01)
C07D 307/94 (2006.01)
C07D 498/10 (2006.01)
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(31) 63/478,826 (32) 06.01.23 (33) US
(43) 11.07.2024
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Michael Friedrich; BUTTS, Stephen E.
(74) PHILLIPS ORMONDE FITZPATRICK

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A61M 39/10 (2006.01)
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JONES, Spencer
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(71) SKELETAL DYNAMICS, INC.
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HELICAL FASTENER HOLE
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A61B 17/80 (2006.01)
A61F 2/28 (2006.01)
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KORTENBACH, Juergen
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(51) Int. Cl.
A61K 35/747 (2015.01)
A61K 31/19 (2006.01)
A61K 31/70 (2006.01)
A61P 13/12 (2006.01)
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een; NATIVIDAD, Jane Mea M; VON EYNATTEN, Maximilian
(74) Spruson & Ferguson

(71) SOUTHERN UNIVERSITY OF SCI-
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(54) RNA AND DRUG CONTAINING RNA
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C12N 15/54 (2006.01)
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
A61P 37/02 (2006.01)
C07K 19/00 (2006.01)
C12N 9/10 (2006.01)
C12N 15/62 (2006.01)
C12N 15/85 (2006.01)
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(74) Eagar & Associates Pty Ltd

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(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
A61P 9/00 (2006.01)
C07K 14/005 (2006.01)
C07K 14/47 (2006.01)
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
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(54) ADENO-ASSOCIATED VIRUS FOR-
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(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 35/76 (2015.01)
A61K 35/761 (2015.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
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(51) Int. Cl.
A23K 20/174 (2016.01)
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A61K 31/4415 (2006.01)
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A23L 33/15 (2016.01)
A61K 38/57 (2006.01)
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OSAKA
(11) AU-A-2023418296
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(54) PEPTIDE AND USE THEREOF
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
C07K 14/00 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/09 (2006.01)
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YAMAZAKI, Takehiko
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(54) CONTAINERS AND METHODS FOR
NITRIC OXIDE STERILIZATION
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A61L 2/20 (2006.01)
A61L 2/26 (2006.01)
A61L 101/02 (2006.01)
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(54) PATIENT TRANSPORT APPARATUS
HAVING TRACK ASSEMBLY BRACE
(51) Int. Cl.
A61G 5/06 (2006.01)
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POWERS, Rex, Allen, Jr.
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LTD.
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(21) 2023429629 (22) 22.05.2023
(54) CONNECTOR FOR WIRING, AND
ELECTRICAL DEVICE
(51) Int. Cl.
H01R 13/66 (2006.01)
H01R 31/06 (2006.01)
H02S 40/36 (2014.01)
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Peng
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LTD.
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(54) CONTROL METHOD, INVERTER,
AND PHOTOVOLTAIC SYSTEM
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H02M 7/5387 (2007.01)
G05F 1/67 (2006.01)
H02J 3/38 (2006.01)
H02M 1/00 (2007.01)
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(54) PACKAGED BEVERAGE
(51) Int. Cl.
A23L 2/54 (2006.01)
A23C 9/152 (2006.01)
A23F 5/24 (2006.01)
A23L 2/00 (2006.01)
A23L 2/02 (2006.01)
A23L 2/52 (2006.01)
A23L 2/56 (2006.01)
A23L 11/65 (2021.01)
C12C 5/02 (2006.01)
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(54) BEER-FLAVORED BEVERAGE
(51) Int. Cl.
C12G 3/04 (2019.01)
C12C 5/02 (2006.01)
C12C 11/00 (2006.01)
C12C 12/00 (2006.01)
C12G 3/021 (2019.01)
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(51) Int. Cl.
C12G 3/04 (2019.01)
C12C 5/02 (2006.01)
C12C 11/00 (2006.01)
C12C 12/00 (2006.01)
C12G 3/021 (2019.01)
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G01L 5/00 (2006.01)
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(54) VAR2CSA RECOMBINANT PROTEIN, PREPARATION METHOD THEREFOR, AND USE THEREOF
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C07K 14/445 (2006.01)
C12N 1/21 (2006.01)
C12N 15/12 (2006.01)
C12N 15/70 (2006.01)
G01N 33/535 (2006.01)
G01N 33/574 (2006.01)
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(54) HERBICIDAL COMPOSITIONS
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A01P 13/00 (2006.01)
A01N 25/00 (2006.01)
A01N 31/06 (2006.01)
A01N 33/24 (2006.01)
A01N 35/08 (2006.01)
A01N 43/16 (2006.01)
A01N 43/40 (2006.01)
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(54) COMPOSITIONS COMPRISING 4-MEMBERED RING CARBOXAMIDE COMPOUNDS
(51) Int. Cl.
A01N 43/40 (2006.01)
A01P 3/00 (2006.01)
A01P 5/00 (2006.01)
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(54) MICROBICIDAL PYRAZOLE DERIVATIVES
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C07D 211/84 (2006.01)
A01N 43/80 (2006.01)
A01N 43/82 (2006.01)
C07D 401/04 (2006.01)
C07D 401/06 (2006.01)
C07D 401/14 (2006.01)
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(51) Int. Cl.
E01C 11/22 (2006.01)
H02G 9/04 (2006.01)
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(54) FALL DETECTION IN POWER TOOLS
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B25F 5/00 (2006.01)
(87) WO2024/145930
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(74) WRAYS PTY LTD
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(54) PT-RS ENHANCEMENT FOR MORE DMRS PORTS
(51) Int. Cl.
H04L 5/00 (2006.01)
H04L 27/26 (2006.01)
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(74) FB Rice Pty Ltd
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(54) WASTE MANAGEMENT SYSTEM AND DEVICE
(51) Int. Cl.
B65F 1/14 (2006.01)
G01G 15/00 (2006.01)
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MARTINUZZO, Steven; TAULIEN,
Paul; NGUYEN, Thao; BURTON, Craig;
SCANLON, Nathan; BYRNE, David;
CHO, Byung Chul
(74) mdp Patent and Trade Mark Attorneys

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(11) AU-A-2023412924
(21) 2023412924 (22) 06.08.2023
(54) SYSTEMS AND METHODS FOR
THREADING A TORQUE TUBE
THROUGH U-BOLT AND MODULE
RAIL DEVICES
(51) Int. Cl.
H02S 20/32 (2014.01)
F24S 25/10 (2018.01)
(87) WO2024/136925
(31) 18/084,987 (32) 20.12.22 (33) US
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ER, Dylan; KARKHECK, Johann Fritz;
HANSEL, Adam
(74) BOSH IP Pty Ltd

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OF CALIFORNIA
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(54) PLANT-MEDIATED INSECT GENE
EDITING AND USE OF THE METH-
ODS FOR INSECT GENETIC CON-
TROL
(51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/09 (2006.01)
C12N 15/63 (2006.01)
C12N 15/87 (2006.01)
(87) WO2024/137926
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(43) 27.06.2024
(72) ELZINGA, Dezi A.; WALLING, Linda L.;
ATKINSON, Peter W.; VALENZUELA,
Alex H.
(74) Kings Patent & Trade Marks Attorneys
Pty Ltd

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(54) ACID GAS CAPTURE THROUGH
METAL-LIGAND INSERTION IN POR-
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PERATURES
(51) Int. Cl.
B01J 20/02 (2006.01)
B01J 20/22 (2006.01)
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(72) LONG, Jeffrey R.; CARSCHE, Kurtis
Mickel; ROHDE, Rachel C.
(74) Spruson & Ferguson

(71) THE SUN LOCK COMPANY LIMITED
(11) AU-A-2024209081
(21) 2024209081 (22) 11.01.2024
(54) ANTI-PICKING COMBINATION PAD-
LOCK
(51) Int. Cl.
E05B 67/22 (2006.01)
E05B 15/00 (2006.01)
E05B 37/02 (2006.01)
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(72) LAI, Karl
(74) Adrian M Trioli Patent and Trade Mark
Attorney

(71) THE TRUSTEES OF THE UNI-
VERSITY OF PENNSYLVANIA
(11) AU-A-2023398931
(21) 2023398931 (22) 15.12.2023
(54) RECOMBINANT AAV MUTANT VEC-
TORS WITH CARDIAC AND SKELET-
AL MUSCLE-SPECIFIC TARGETING
MOTIFS AND COMPOSITIONS CON-
TAINING SAME
(51) Int. Cl.
C12N 15/864 (2006.01)
A61K 48/00 (2006.01)
C07K 7/06 (2006.01)
C07K 14/015 (2006.01)
(87) WO2024/130067
(31) 63/387,941 (32) 17.12.22 (33) US
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(72) SIDRANE, Jenny A.; MEGGERSEE,
Rosemary; SIMS, Joshua Joyner;
HOFFMAN, Jacob; WILSON, James M.
(74) WRAYS PTY LTD

(71) THIRTYFIVEBIO LIMITED
(11) AU-A-2024206314
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(54) GPR35 MODULATORS
(51) Int. Cl.
C07D 213/55 (2006.01)
A61K 31/506 (2006.01)
A61P 35/02 (2006.01)
C07C 233/07 (2006.01)
C07D 213/79 (2006.01)
C07D 213/80 (2006.01)
C07D 237/24 (2006.01)
C07D 239/557 (2006.01)
C07D 241/26 (2006.01)
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C07D 417/04 (2006.01)
(87) WO2024/147009
(31) 2300021.9 (32) 03.01.23 (33) GB
(43) 11.07.2024
(72) LUCKHURST, Christopher Andrew;
BUTLIN, Roger John; CLEMENTS,
Monica Jade; HUXFORD, Timothy;
MICCOLI, Ageo; TOSCHI, Gianna
(74) Allens Patent & Trade Mark Attorneys

(71) THREE SMITH GROUP LIMITED
(11) AU-A-2023410738
(21) 2023410738 (22) 19.12.2023

(54) WALL PANEL SYSTEM
(51) Int. Cl.
E04B 2/74 (2006.01)
(87) WO2024/134175
(31) 2219729.7 (32) 23.12.22 (33) GB
(43) 27.06.2024
(72) COATES, Philip; MARTIN, Graham
(74) FB Rice Pty Ltd

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(11) AU-A-2023410753
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(54) PANEL MONITORING SYSTEM
(51) Int. Cl.
E04B 2/74 (2006.01)
E01F 13/02 (2006.01)
E04H 17/16 (2006.01)
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(54) RETAINING RING PLIER SYSTEMS,
METHODS, AND APPARATUS
(51) Int. Cl.
B25B 27/20 (2006.01)
B25B 7/12 (2006.01)
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(72) KLOSSOK, Rudolf Maksymilian
(74) PHILLIPS ORMONDE FITZPATRICK

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(54) SOLAR CELL MODULE RECYCLING
SYSTEM
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B09B 3/40 (2022.01)
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(72) YAMASHITA Takeharu
(74) Davies Collison Cave Pty Ltd

(71) TOPSOE A/S
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(21) 2023413815 (22) 21.12.2023
(54) METHOD FOR STABILIZING NITRO-
GEN-RICH OILS
(51) Int. Cl.
C10G 3/00 (2006.01)
C10G 45/02 (2006.01)
C10G 49/00 (2006.01)
C10G 65/04 (2006.01)
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(74) Griffith Hack
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- (71) TOPSOE A/S
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(54) LOW TEMPERATURE STABILIZATION OF LIQUID OILS
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(54) PHOTOVOLTAIC MODULE AND PACKAGING METHOD THEREFOR
(51) Int. Cl.
H10K 30/88 (2023.01)
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(54) AUTOMATED INCIDENT RESPONSE TRACKING AND ENHANCED FRAMEWORK FOR CYBER THREAT ANALYSIS
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B29C 53/04 (2006.01)
B32B 3/04 (2006.01)
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E04F 11/16 (2006.01)
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B32B 3/30 (2006.01)
E04F 11/104 (2006.01)
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(11) AU-A-2024209563
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(72) APETRI, Maria Mihaela; FAIMAN, Gabriel; LJUBOVIC-COUTEAU, Edina; BERTHIER, Eddy
(74) FPA Patent Attorneys Pty Ltd
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C10G 50/00 (2006.01)
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(74) Patent Attorney Services
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C05C 11/00 (2006.01)
C05F 11/08 (2006.01)
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A61B 17/17 (2006.01)
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A61F 2/08 (2006.01)
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A47J 37/07 (2006.01)
A47J 36/32 (2006.01)
F24B 13/04 (2006.01)
F24B 15/00 (2006.01)
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(54) USE OF MICROALGAE AND MI-
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IN CULTIVATED FOOD PRODUCTION
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A23L 13/00 (2016.01)
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(54) NANOPARTICLE-ENTRAINED MUL-
TIFUNCTIONAL NANOSTRUC-
TURE-COATED MOBILE CARRIERS,
AND SYSTEMS AND METHODS OF
UTILIZING SAME TO TREAT CON-
TAMINATED WATER
(51) Int. Cl.
C02F 1/50 (2023.01)
C02F 1/52 (2023.01)
C02F 1/56 (2023.01)
C02F 1/58 (2023.01)
C02F 1/66 (2023.01)
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(51) Int. Cl.
D04H 1/541 (2012.01)
B29C 70/00 (2006.01)
B29C 70/08 (2006.01)
C08J 5/18 (2006.01)
C08L 67/03 (2006.01)
C08L 89/04 (2006.01)
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D06M 101/12 (2006.01)
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WARDS, Ben James; KRSINIC, Gail
Louise; RODDICK-LANZILOTTA, Alisa
Dawn
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COLLECTOR
(51) Int. Cl.
A61F 5/441 (2006.01)
A61F 5/453 (2006.01)
A61F 13/491 (2006.01)
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(72) NEWELL, Peter
(74) MBIP
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(54) DETERMINING OPTIMAL GRID IN-
TERCONNECTIONS
(51) Int. Cl.
G06F 30/18 (2020.01)
G06F 113/04 (2020.01)
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Raymond; MCNARY, Amanda
(74) Spruson & Ferguson
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(11) AU-A-2023400242
(21) 2023400242 (22) 27.11.2023
(54) METHOD FOR PERIODICALLY DE-
TERMINING TIME-TO-SERVICE
(51) Int. Cl.
G05B 23/02 (2006.01)
F04D 13/08 (2006.01)
F04D 15/00 (2006.01)
(87) WO2024/115377
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(72) HALLGREN, Gert; LARSSON, Martin
(74) Davies Collison Cave Pty Ltd
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KAISHA
(11) AU-A-2022490999
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(54) Travel-data-processing device, travel-
data-measurement device, and travel-
data-measurement-processing device
(51) Int. Cl.
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(72) INUI Shogo; URUSHIHARA Kosuke
(74) FPA Patent Attorneys Pty Ltd
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(54) BIOMASS-FUELLED COMBINED
COOLING, HEATING AND POWER
PLANT
(51) Int. Cl.
F01K 17/02 (2006.01)
F01K 7/30 (2006.01)
F01K 9/00 (2006.01)
F01K 11/02 (2006.01)
F01K 13/00 (2006.01)
F24D 10/00 (2022.01)
F25B 27/00 (2006.01)
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(72) YARSLEY, Daniel James
(74) Spruson & Ferguson
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- (71) YICHANG HUMANWELL PHARMA-
CEUTICAL CO., LTD.
(11) AU-A-2023396555
(21) 2023396555 (22) 15.12.2023
(54) PHARMACEUTICAL COMPOSITION
OF KAPPA OPIOID RECEPTOR AG-
ONIST, PREPARATION METHOD
THEREFOR, AND USE THEREOF
(51) Int. Cl.
A61K 31/485 (2006.01)
A61K 38/07 (2006.01)
A61P 17/04 (2006.01)
A61P 25/04 (2006.01)
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Hao; YANG, Jun; LI, Lie; LIAO, Subo;
LONG, Qiaoqiao; BIAN, Di; TANG, Li-
hua; XIE, Tianpeng; LV, Jinliang; LIU,
Rong; HE, Yao; LIAO, Zongquan
(74) Griffith Hack
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AL TECHNOLOGY CO., LTD.
(11) AU-A-2023412594
(21) 2023412594 (22) 22.12.2023
(54) PARP1 INHIBITORS
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4353 (2006.01)
A61K 31/495 (2006.01)
A61P 35/00 (2006.01)
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(72) SHA, Wei; LIU, Yang; LIU, Yueqin;
FANG, Douglas; ZHANG, Haolong
(74) Davies Collison Cave Pty Ltd
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ANCE CO., LTD.
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(21) 2023411651 (22) 15.12.2023
(54) CRUSHING DEVICE
(51) Int. Cl.
B02C 18/14 (2006.01)
B02C 18/00 (2006.01)
B02C 18/16 (2006.01)
B02C 18/18 (2006.01)
B02C 18/22 (2006.01)
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SUN, Yimin
(74) Davies Collison Cave Pty Ltd
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- (71) ZHEJIANG ZEEKR INTELLIGENT
TECHNOLOGY CO., LTD.; VIRIDI E-
MOBILITY TECHNOLOGY (NINGBO)
CO., LTD.; ZHEJIANG GEELY HOLD-
ING GROUP CO., LTD.
(11) AU-A-2024392546
(21) 2024392546 (22) 21.08.2024
(54) SPACER, BATTERY CELL, AND
VEHICLE
(51) Int. Cl.
H01M 50/474 (2021.01)
H01M 10/04 (2006.01)
H01M 50/103 (2021.01)
H01M 50/15 (2021.01)
H01M 50/477 (2021.01)
(87) WO2025/118701
(31) 202323329922.0 (32) 06.12.23 (33) CN
(43) 12.06.2025
(72) YU, Dongpeng; WANG, Cong
(74) Spruson & Ferguson

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2022490999	YAMAHA HATSUDOKI KABUSHIKI KAISHA	2023395070	DANMARKS TEKNISKE UNIVERSITET
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		2023396555	YICHANG HUMANWELL PHARMACEUTICAL CO., LTD.
2022492449	DEVELOPMENT CENTER FOR BIOTECHNOLOGY; CHANG GUNG MEMORIAL HOSPITAL, LINKOU	2023396649	FORUM US, INC.
		2023397972	W. L. GORE & ASSOCIATES, INC.
2023369199	LENOVO (SINGAPORE) PTE. LTD.	2023398931	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2023383916	JANSSEN BIOTECH, INC.	2023398982	ACUITIVE TECHNOLOGIES, INC.
2023383923	BEIGENE SWITZERLAND GMBH	2023398989	ACUITIVE TECHNOLOGIES, INC.
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2023385522	OCADO INNOVATION LIMITED	2023400250	OCADO INNOVATION LIMITED
2023385700	MEDICON PHARMACEUTICALS, INC.	2023400594	VICTORIA LINK LIMITED
2023385702	MEDICON PHARMACEUTICALS, INC.	2023400894	FUNDACIÓ HOSPITAL UNIVERSITARI VALL HEBRON - INSTITUT DE RECERCA (VHIR); UNIVERSITAT AUTÒNOMA DE BARCELONA; CENTRO DE INVESTIGACIÓN PRÍNCIPE FELIPE; RUIZ MOLINA, D.
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2023386710	JANSSEN PHARMACEUTICA NV	2023401105	OCADO INNOVATION LIMITED
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		2023402014	MIRATI THERAPEUTICS, INC.
2023387505	HELIOS HUAMING BIOPHARMA CO., LTD.	2023402196	KNAUF GIPS KG
2023387509	MINGHUI PHARMACEUTICAL (HANGZHOU) LIMITED; MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED	2023402373	SEABELIFE; UNIVERSITE DE RENNES; INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE; ECOLE DES HAUTES ÉTUDES EN SANTÉ PUBLIQUE (EHESP)
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2023388243	CHONGQING HAIER ROLLER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.	2023402602	KIBOSH LTD
		2023402605	OXFORD UNIVERSITY INNOVATION LIMITED
2023388747	JACOBIO PHARMACEUTICALS CO., LTD.	2023403026	SESAMI TECHNOLOGIES S.R.L.
2023388792	OCADO INNOVATION LIMITED	2023403103	MEDIMMUNE LIMITED
2023389025	SUN YAT-SEN UNIVERSITY CANCER CENTER (THE AFFILIATED CANCER HOSPITAL OF SUN YAT-SEN UNIVERSITY, THE CANCER RESEARCH INSTITUTE OF SUN YAT-SEN UNIVERSITY)	2023403405	D&D BIOPHARMACEUTICALS, LLC
		2023404002	CHONGQING HAIER ROLLER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
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2023389429	JOHNSON SCREENS, INC.	2023404529	INNOVENT BIOLOGICS (SUZHOU) CO., LTD.
2023389540	CAREL INDUSTRIES S.P.A.	2023404553	SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.
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2023389701	MESOBlast INTERNATIONAL SARL		
2023389702	MESOBlast INTERNATIONAL SARL	2023404599	RENJI HOSPITAL, SHANGHAI JIAO TONG UNIVERSITY SCHOOL OF MEDICINE
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2023390217	ARVOS LJUNGSTROM LLC	2023404674	YARSLEY, D.J.
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2023390538	KIMBERLY-CLARK WORLDWIDE, INC.	2023404802	BYD COMPANY LIMITED
2023390632	PROQR THERAPEUTICS II B.V.	2023404825	CHONGQING HAIER ROLLER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
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2023390884	1GLOBE HEALTH INSTITUTE LLC	2023406300	BRISTOL-MYERS SQUIBB COMPANY
2023390886	1 GLOBE HEALTH INSTITUTE LLC	2023406499	OLAM AMERICAS, LLC
2023391307	DJO, LLC	2023406510	AMICUS THERAPEUTICS, INC.
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		2023407164	HUECK FOLIEN GESELLSCHAFT M.B.H.
		2023407184	NEPEAN LONGWALL PTY LTD

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2023408619	ANAVEON AG	2023413815	TOPSOE A/S
2023408660	ARLA FOODS AMBA	2023413830	RECKITT & COLMAN (OVERSEAS) HYGIENE HOME LIMITED
2023408664	INNOSPEC LIMITED	2023413847	PHILIP MORRIS PRODUCTS S.A.
2023408666	ECOO NEW TECHNOLOGIES; POLINIVO	2023413852	PHILIP MORRIS PRODUCTS S.A.
2023408764	W. L. GORE & ASSOCIATES, INC.	2023413921	PHILIP MORRIS PRODUCTS S.A.
2023408767	W. L. GORE & ASSOCIATES, INC.	2023413926	PHILIP MORRIS PRODUCTS S.A.
2023408776	ELI LILLY AND COMPANY	2023413929	PHILIP MORRIS PRODUCTS S.A.
2023408779	LOCUS SOLUTIONS IPCO, LLC	2023413931	PHILIP MORRIS PRODUCTS S.A.
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2023409102	ELI LILLY AND COMPANY	2023414378	HANGZHOU ADCORIS BIOPHARMA CO., LTD
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2023409235	DOW GLOBAL TECHNOLOGIES LLC	2023414546	BSD SCIENCE LTD.
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2023409386	GCP APPLIED TECHNOLOGIES INC.	2023414927	CARBON TECHNOLOGY HOLDINGS, LLC
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2023410365	BTQ AG	2023415222	HANGZHOU SUNSTONE TECHNOLOGY CO., LTD.
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2023410753	THREE SMITH GROUP LIMITED	2023416050	SRICHANA, T.
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		2023416393	PROMETHEAN PARTICLES LTD
		2023416869	STRYKER CORPORATION
		2023416924	FILTRATION ADVICE, INC.
		2023416973	HANGZHOU ADCORIS BIOPHARMA CO., LTD
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2023417560	HYDRO-GEN BV	2023439113	MITSUBISHI ELECTRIC CORPORATION
2023417599	RHY GENETYPE PTY LTD	2023445548	MITSUBISHI ELECTRIC CORPORATION
2023417615	FLEET ROBOTICS, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2023456187	TRINA SOLAR CO., LTD.
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2023418130	BIOFRONT THERAPEUTICS (BEIJING) CO., LTD.; RK PHARMTECH (BEIJING) LTD.	2024206314	THIRTYFIVEBIO LIMITED
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2023418645	IDEXX LABORATORIES, INC.	2024206536	PI INDUSTRIES LTD.
2023418787	SHENZHEN CHIPS SCREEN BIOSCIENCES CO., LTD.	2024206633	SPACECRAFT SEVEN, LLC
2023419079	TRUSTWAVE HOLDINGS, INC.	2024206699	DIALIGHT CORPORATION
2023419183	SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY	2024206754	IMMUNOCORE LIMITED
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2023419339	MARS, INCORPORATED	2024206910	NATERA, INC.
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2023419932	ADVISOR FIRST, LLC	2024207142	EXEL INDUSTRIES
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2023420087	PRILENIA NEUROTHERAPEUTICS LTD.	2024207406	FAIRLIFE, LLC; THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA
2023420254	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2024207446	DERRICK CORPORATION
2023420299	RENATA PHARMACEUTICALS (IRELAND) LIMITED	2024207620	CONVATEC LIMITED
2023420398	VANTIVE US HEALTHCARE LLC; VANTIVE HEALTH GMBH	2024207628	PACYLEX PHARMACEUTICALS INC.
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2023420610	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.	2024207799	STERILE STATE, LLC
2023420960	TECHTRONIC CORDLESS GP	2024207808	EXEL INDUSTRIES
2023421322	CELON PHARMA S.A.	2024207955	HUMACYTE GLOBAL, INC.
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2023421729	CO2PAC LIMITED	2024208125	CEREVEL THERAPEUTICS, LLC
2023421828	GUANGZHOU HANDE NEW MATERIALS CO., LTD	2024208256	ABSOLUTE SOFTWARE CORPORATION
2023421898	PACYLEX PHARMACEUTICALS INC.	2024208277	SITE SAVER, INC.
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2023424861	UNILIN, BV	2024208349	LEUPOLD & STEVENS, INC.
2023424893	HENDRICKSON USA, L.L.C.	2024208393	AUSPERBIO THERAPEUTICS INC.
2023425019	SHOPIFY INC.	2024208435	CONVATEC LIMITED
2023425429	NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE	2024208533	RICHTER GEDEON NYRT.
2023425776	JIANGSU CAREPHAR PHARMACEUTICAL CO., LTD.	2024208536	CONVATEC TECHNOLOGIES INC.
2023426077	KNOWIX, LLC	2024208543	PLASSETS PTY LTD
2023426434	SAMSUNG ELECTRONICS CO., LTD.	2024208560	CAMBRIDGE ENTERPRISE LIMITED
2023426722	NETFLIX, INC.	2024208765	NANJING CHIA TAI TIANQING PHARMACEUTICAL CO., LTD.
2023427895	CITRA GROUP AG	2024208785	BAOSHAN IRON & STEEL CO., LTD.
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2023429402	TOPSOE A/S	2024209025	MAX CO., LTD.
2023429547	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2024209059	HITACHI ENERGY LTD
2023429629	SUNGROW POWER SUPPLY CO., LTD.	2024209081	THE SUN LOCK COMPANY LIMITED
2023430021	JFE STEEL CORPORATION	2024209117	GILEAD SCIENCES, INC.
2023430093	RAZER (ASIA-PACIFIC) PTE. LTD.	2024209122	DANMARKS TEKNISKE UNIVERSITET; UNIVERSITY OF COPENHAGEN
2023431210	RAZER (ASIA-PACIFIC) PTE. LTD.	2024209154	COMMScope TECHNOLOGIES LLC
2023431462	KABUSHIKI KAISHA TOSHIBA	2024209160	GILEAD SCIENCES, INC.
2023431561	HITACHI, LTD.	2024209240	HELM PHARMACEUTICALS GMBH; NANOFORM FINLAND OYJ
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2024209826	ASCLETIS BIOSCIENCE CO., LTD	2024357294	VERSUNI HOLDING B.V.
2024210068	MAX CO., LTD.	2024361906	FCI HOLDINGS DELAWARE, INC.
2024210182	UNIVERSITAT JAUME I; UNIVERSIDAD DEL PAÍS VASCO/EUSKAL HERRIKO UNIBERTSITATEA	2024364460	CARESTER
2024210224	GILEAD SCIENCES, INC.	2024384420	LG ENERGY SOLUTION, LTD.
2024210262	DIOGENX; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE COTE D'AZUR	2024387089	OBAYASHI CORPORATION
2024210405	UOP LLC	2024392546	ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; VIRIDI E-MOBILITY TECHNOLOGY (NINGBO) CO., LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.
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2024210751	HIROTSU BIO SCIENCE INC.		
2024210883	UOP LLC		
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2024210957	RHEEM MANUFACTURING COMPANY		
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2024211250	WOODARD & CURRAN, INC.		
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2024211680	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.		
2024211865	SYNGENTA CROP PROTECTION AG		
2024211874	GRAPHIC PACKAGING INTERNATIONAL, LLC		
2024211884	CZERO, INC.		
2024211958	AMADEUS S.A.S.		
2024212123	EGRESS SOFTWARE TECHNOLOGIES IP LIMITED		
2024212387	MATIV LUXEMBOURG		
2024212388	ACTIMED THERAPEUTICS LTD; FARADAY PHARMA- CEUTICALS, INC.		
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2024212545	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.		
2024212623	BAE SYSTEMS CONTROLS INC.		
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2024213323	TABET BENSLIMANE, H.		
2024214066	MATIV LUXEMBOURG		
2024214518	CEPHEID		
2024214871	CELLECTIS S.A.		
2024214900	POLYTECH A/S		
2024215297	BIOTAGE AB		
2024215927	TOKUYAMA CORPORATION		
2024216963	TRUATA LIMITED		
2024217306	LENOVO (SINGAPORE) PTE. LTD.		
2024217467	POLYTECH A/S		
2024217720	OTSUKA PHARMACEUTICAL CO., LTD.		
2024218354	EQUASHIELD MEDICAL LTD		
2024218873	POLYTECH A/S		
2024219294	GUARD THERAPEUTICS INTERNATIONAL AB		
2024221130	UPM-KYMMENE CORPORATION; GREEN INNOVA- TION GMBH		
2024222008	GENERAL MILLS, INC.		
2024222362	VBN COMPONENTS AB		
2024223369	KOMATSU LTD.		
2024224346	HYBRIT DEVELOPMENT AB		
2024224714	GOODWIN PLC		
2024225349	WEBER-STEPHEN PRODUCTS LLC		
2024226960	SIEMENS HEALTHCARE DIAGNOSTICS INC.		
2024228457	CJ CHEILJEDANG CORPORATION		
2024229329	AMGEN INC.		
2024230801	AMGEN INC.		
2024242051	ALCON INC.		
2024250776	HALLETT'S HAY AND SEED LTD.		
2024251490	SHENZHEN RHEGEN BIOTECHNOLOGY CO., LTD.; WUHAN RHEGEN BIOTECHNOLOGY CO., LTD.		
2024257781	NEXTIVITY, INC.		
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2023400894	2024206633	A61M 25 /-	2023387505	2023390881	A63B 63 /-
2023404553	2024209563		2023404553	2023390886	
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2023411347	2024209695	2024208435	2023404579	2023404553	2023404669
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2023387509	A61K 8 /-		2023404700	2023414378	B01D 15 /-
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2023402605	2023390874	A61M 5 /-	2023418296	2023417140	
2023403103	2023417669		2023419278	2023418078	B01D 29 /-
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2023411454	A61K 9 /-		2024208125	2023421898	
2023412611		2023407202	2024208533	2023425776	
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2023390874	2024209122	A61P 11 /-	2023394509	2024219294	2023410285
2023390881	2024209240		2023407242	A61P 43 /-	2023410894
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2023408183		2024208125	2024206445	2023419278	2023420007
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<u>C05G 3 /-</u>	2024206314	2024210708		2024204152	2023419794
	2024209695	<u>C07D 487 /-</u>	2022492449	<u>C08L 25 /-</u>	<u>C10K 3 /-</u>
2023388193	<u>C07D 263 /-</u>		2023383916		
<u>C07B 61 /-</u>		2023387505	2023383923	2024209122	2023414927
	2023418130	2023402014	2023387509	<u>C08L 3 /-</u>	<u>C11D 1 /-</u>
2023421898	<u>C07D 265 /-</u>	2023410086	2023389035		
<u>C07C 15 /-</u>		2024206079	2023402605	2023417760	2023408664
	2024208125	2024206079	2023403103	<u>C08L 33 /-</u>	<u>C11D 10 /-</u>
2023468224	<u>C07D 277 /-</u>	2024208125	2023404529		
<u>C07C 2 /-</u>		<u>C07D 491 /-</u>	2023404599	2024209122	<u>C11D 17 /-</u>
	2024209695		2023406036	<u>C08L 67 /-</u>	
2023468224	<u>C07D 295 /-</u>	2023387505	2023406085		2023408664
<u>C07C 217 /-</u>		2023387509	2023408619	<u>C08L 89 /-</u>	<u>C11D 3 /-</u>
	2023418130	2023417140	2023411854		
2024212388	<u>C07D 307 /-</u>	2023418078	2023412605	2023408553	2023408664
<u>C07C 229 /-</u>		2024208125	2023412611	<u>C08L 97 /-</u>	<u>C11D 7 /-</u>
	2024208533	<u>C07D 495 /-</u>	2023413756		
2023421322	<u>C07D 307 /-</u>		2023415535	2023408553	2024226960
	2024206445	2023387505	2023417626		
		2024208125	2024206446		
		<u>C07D 498 /-</u>	2024206754		
			2024209117		
			2024209160		
			2024210224		
		2023388747			

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2023415129	<u>C12N 5 /-</u>	2023412500	2023384146	2023410753	2024209081
2023416221	2022489613	2024208785	2024211141	<u>E02D 27 /-</u>	
<u>C12C 12 /-</u>	2023389702	<u>C22B 15 /-</u>	<u>C25B 5 /-</u>	2023390217	<u>E05D 15 /-</u>
	2023389703				2023412314
2023415129	2023406711	2024302630	2024211141	<u>E03D 11 /-</u>	
2023416221	2023414368	<u>C22B 3 /-</u>	<u>C25B 9 /-</u>	2023412268	<u>E21B 33 /-</u>
	2023418296				2023396649
<u>C12C 5 /-</u>	<u>C12N 9 /-</u>	2024302630	2023384146	<u>E04B 2 /-</u>	<u>E21B 41 /-</u>
2023411605	2023411454	2024364460	2023416236		2024208929
2023415129	2023415104	<u>C22B 59 /-</u>	2023417560	2023410738	
2023416221	2023415149		2024211141	2023410753	
<u>C12G 3 /-</u>	2023419183	2024364460	<u>C25C 1 /-</u>	<u>E04C 1 /-</u>	<u>E21B 43 /-</u>
	2024206518	<u>C22B 60 /-</u>			
2023415129	2024207176		2024302630	2023427895	2023408815
2023416221	<u>C12P 13 /-</u>	2024364460	<u>C40B 40 /-</u>	<u>E04C 2 /-</u>	<u>E21B 47 /-</u>
<u>C12M 1 /-</u>	2024228457	<u>C22C 1 /-</u>	2023411347	2023427895	2022492281
2023406711	2024308936	2023407196	<u>D01F 8 /-</u>	<u>E04C 5 /-</u>	<u>E21B 49 /-</u>
2024214871	<u>C12P 21 /-</u>	2024222362			
<u>C12M 3 /-</u>		<u>C22C 19 /-</u>	2024212387	2024209025	2022492281
	2023415149		<u>D03D 13 /-</u>	2024210068	<u>E21C 27 /-</u>
2023406711	<u>C12P 7 /-</u>	2023407196		<u>E04F 11 /-</u>	2023407184
<u>C12N 1 /-</u>	2023414181	2024222362	2023421828		
		<u>C22C 22 /-</u>	<u>D03D 15 /-</u>	2023424861	<u>E21C 41 /-</u>
2023389025	<u>C12Q 1 /-</u>			<u>E04F 13 /-</u>	2023407184
2023406499		2023407196	2023421828		
2023414368	2023409463	<u>C22C 28 /-</u>	<u>D04H 1 /-</u>	2023424861	<u>E21D 20 /-</u>
2023418296	2023410870			<u>E04F 21 /-</u>	2023407184
<u>C12N 15 /-</u>	2023417599	2023407196	2023408553		
	2024206910	<u>C22C 33 /-</u>	<u>D04H 13 /-</u>	2024211680	<u>E21D 23 /-</u>
2022492449	2024214518			<u>E04G 21 /-</u>	2023407184
2023389025	<u>C12R 1 /-</u>	2024222362	2023390532		
2023390632		<u>C22C 38 /-</u>	<u>D06F 33 /-</u>	2024209025	<u>E21D 9 /-</u>
2023390881	2023415149			2024209800	2024223369
2023390884	<u>C14C 11 /-</u>	2023412500	2023388243	2024210068	
2023390886		2024208785	2023404002	<u>E04H 12 /-</u>	<u>F01K 11 /-</u>
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2023404516	<u>C14C 3 /-</u>	<u>C22C 5 /-</u>	<u>D06F 35 /-</u>	2023390217	
2023404700				2024208543	<u>F01K 13 /-</u>
2023407242	2023385739	2023407196	2023388243	<u>E04H 17 /-</u>	
2023408183	<u>C14C 9 /-</u>	<u>C22C 9 /-</u>	<u>D06F 39 /-</u>		2023404674
2023408776				2023410753	<u>F01K 17 /-</u>
2023409102	2023385739	2023407196	2023404825	<u>E04H 6 /-</u>	
2023409579	<u>C21B 13 /-</u>	<u>C23C 2 /-</u>	<u>D06M 101 /-</u>		2023404674
2023411347				2024208321	<u>F01K 7 /-</u>
2023412611	2024224346	2024208011	2023408553	<u>E05B 15 /-</u>	
2023412862	<u>C21D 1 /-</u>	<u>C23F 11 /-</u>	<u>D06M 15 /-</u>		2023404674
2023412879				2024209081	<u>F01K 9 /-</u>
2023413071	2023412500	2023407640	2023421828	<u>E05B 37 /-</u>	
2023418296	2024208785	<u>C25B 1 /-</u>	<u>D21H 13 /-</u>		2023404674
2023419183	<u>C21D 6 /-</u>			2024209081	<u>F02C 3 /-</u>
2023419278		2023417560	2023408553	<u>E05B 47 /-</u>	
2024206116	2024208785	2024211141	<u>E01C 11 /-</u>		2023411292
2024206633	<u>C21D 8 /-</u>	<u>C25B 11 /-</u>		2023412314	2023420007
2024207176			2024213323	<u>E05B 65 /-</u>	
2024208393	2023412500	2023417560			
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2023411292 2024211141	2023414951	2023410894	2024230801		2023388792 2023401107 2024210068 2024387089
<u>F02C 7 /-</u>	<u>F16C 11 /-</u>	<u>F24F 5 /-</u>	<u>G01B 9 /-</u>		
2023411292	2022488618	2023410894	2023395070	<u>G01R 19 /-</u>	<u>G05D 7 /-</u>
<u>F02C 9 /-</u>	<u>F16D 3 /-</u>	<u>F24F 7 /-</u>	<u>G01D 5 /-</u>	2024384420	2024250776
2023411292	2022488618	2023409451	2023412820	<u>G01R 31 /-</u>	<u>G05F 1 /-</u>
<u>F03D 1 /-</u>	<u>F16D 55 /-</u>	<u>F24F 8 /-</u>	<u>G01F 23 /-</u>	2023404802 2023411195	2024278390
2024217467	2023424893	2023409451	2024215297		
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<u>F03D 80 /-</u>	<u>F16L 55 /-</u>	<u>F24S 30 /-</u>	<u>G01G 11 /-</u>	<u>G01S 19 /-</u>	<u>G06F 113 /-</u>
2024214900	2023402602		2024250776	2024211057	2023418298
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2023408616	2023415586	<u>F25B 39 /-</u>	2023412893	2023416313	2023432007
<u>F04B 15 /-</u>	<u>F21K 9 /-</u>	2023445548	<u>G01L 1 /-</u>	<u>G02B 21 /-</u>	<u>G06F 3 /-</u>
2023415586	2024206699	<u>F25D 23 /-</u>	2023421564	2024242051	2023431210
<u>F04B 41 /-</u>	<u>F21S 8 /-</u>	2023439113	<u>G01L 5 /-</u>	<u>G02B 23 /-</u>	<u>G06F 40 /-</u>
2023416393	2024208543	<u>F25J 1 /-</u>	2023421564	2024208349	2024205562
<u>F04B 49 /-</u>	<u>F24B 13 /-</u>	2023415004	<u>G01M 13 /-</u>	<u>G02B 27 /-</u>	<u>G06F 8 /-</u>
2023416393	2024225349	<u>F28D 21 /-</u>	2023416254	2024242051	2024205562
<u>F04C 23 /-</u>	<u>F24B 15 /-</u>	2023407192 2023410894	<u>G01M 15 /-</u>	<u>G02B 5 /-</u>	<u>G06F 9 /-</u>
2023416393	2024225349	<u>F28D 7 /-</u>	<u>G01M 17 /-</u>	2023407164	2023426722 2023431561
<u>F04C 28 /-</u>	<u>F24D 10 /-</u>	2023407192	2023416254	<u>G02B 6 /-</u>	<u>G06N 20 /-</u>
2023416393	2023404674	<u>F28F 13 /-</u>	<u>G01M 5 /-</u>	2024209154	2023407202
<u>F04D 13 /-</u>	<u>F24F 11 /-</u>	2023407192	2023426077	<u>G02B 7 /-</u>	<u>G06N 3 /-</u>
2023400242	2023395315 2023409451 2024210957	<u>F28F 9 /-</u>	<u>G01N 21 /-</u>	2024208349	2023406300 2023407202 2023412840 2023432007
<u>F04D 15 /-</u>	<u>F24F 110 /-</u>	2023407192	2023412458 2023412462 2024209695 2024215297 2024230801	<u>G04C 3 /-</u>	<u>G06Q 10 /-</u>
2023400242	2023395315 2023409451	<u>F41C 23 /-</u>		2023389540	2023401105
<u>F04D 7 /-</u>	<u>F24F 13 /-</u>	<u>F41C 33 /-</u>	<u>G01N 29 /-</u>	<u>G05B 19 /-</u>	
2023415586	2023438078	2023416060	2023412893	2023431462	
<u>F04D 9 /-</u>	<u>F24F 140 /-</u>	<u>F42B 12 /-</u>	<u>G01N 33 /-</u>	<u>G05B 23 /-</u>	
2023408425	2023395315	2023410552	2022492449 2023389025	2023400242 2023419466	

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2024387089	2023412840	2023409232	2023400594	2024266617
	2024205312	2024211308	2024278390	
	<u>G16C 20 /-</u>	<u>H01Q 13 /-</u>	<u>H02P 6 /-</u>	<u>H04W 4 /-</u>
2023425019	2023407504	2024211308	2023389540	2023420398
	<u>G16C 60 /-</u>	<u>H01Q 15 /-</u>	<u>H02P 8 /-</u>	2023426434
2023419620	2023407504	2023410394	2023389540	2024266617
2023424338	2023409235			<u>H04W 48 /-</u>
2024211958			<u>H02S 20 /-</u>	2023426434
	<u>G16H 10 /-</u>	<u>H01Q 3 /-</u>	2023407350	<u>H04W 52 /-</u>
	2023406300	2023428889	2023412924	
	2023420398		2024210938	2024257781
		<u>H01Q 9 /-</u>	2024361906	<u>H04W 60 /-</u>
	<u>G16H 20 /-</u>	2024211308	<u>H02S 30 /-</u>	2024205428
2023417706	2023407202	<u>H01R 13 /-</u>	2024361906	<u>H04W 64 /-</u>
	<u>G16H 40 /-</u>	2023429629	<u>H02S 40 /-</u>	2023369199
	2023420398	2023430093	2023429629	2024208256
	<u>G16H 50 /-</u>	<u>H01R 31 /-</u>	<u>H04B 1 /-</u>	<u>H04W 74 /-</u>
<u>G06T 19 /-</u>	2023417599	2023429629	2024211057	2024217306
			2024257781	<u>H04W 76 /-</u>
	<u>G21F 9 /-</u>	<u>H02B 7 /-</u>	<u>H04B 5 /-</u>	2023399184
	2024208929	2023415156	2024266617	2023426434
	<u>G21G 1 /-</u>	<u>H02G 3 /-</u>	<u>H04B 7 /-</u>	<u>H04W 8 /-</u>
<u>G06V 10 /-</u>	2023418638	2023391307	2023426434	2023426434
		<u>H02G 9 /-</u>	2024211057	2024205428
2023401078	<u>H01F 27 /-</u>	2024213323	<u>H04L 27 /-</u>	<u>H04W 84 /-</u>
2023401105	2023400594		2023393365	2023426434
2023401107		<u>H02H 3 /-</u>		2024205428
2023417774		2023387063	<u>H04L 5 /-</u>	2024257781
	<u>H01F 36 /-</u>	<u>H02H 7 /-</u>	2023393365	<u>H04W 92 /-</u>
	2023400594	2023400594	<u>H04L 67 /-</u>	2023369199
<u>G07C 9 /-</u>	<u>H01F 6 /-</u>	2024384420	2023425019	<u>H10K 30 /-</u>
	2023400594	<u>H02J 13 /-</u>	<u>H04L 9 /-</u>	2023456187
2024266617		2023415156		
	<u>H01H 36 /-</u>	<u>H02J 3 /-</u>	2023410365	
2023403026	2023400594	2023415156	2023419079	
	<u>H01M 10 /-</u>	2024209059	2024212123	
<u>G08B 21 /-</u>	2024392546	2024278390	2024266617	
	<u>H01M 4 /-</u>	<u>H02J 7 /-</u>	<u>H04N 19 /-</u>	
2023407235		2024384420	2023420610	
	<u>H01M 50 /-</u>	<u>H02M 1 /-</u>	<u>H04R 29 /-</u>	
<u>G08G 1 /-</u>	2024226960	2024278390	2023412893	
		<u>H02M 3 /-</u>	<u>H04S 3 /-</u>	
2022490999		2024278390	2024205312	
	<u>H01M 8 /-</u>		<u>H04S 7 /-</u>	
<u>G09G 5 /-</u>	2024208560		2024205312	
2023424338				
	2023396230			
<u>G10K 11 /-</u>	2023408536			
	2024392546			
2023412893				

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(71) 1045929 Ontario Limited (11) AU-B-2020295120 (21) 2020295120 (22) 16.06.2020 (54) Sod harvesting systems and related methods (51) Int. Cl. A01G 20/15 (2018.01) A01G 20/12 (2018.01) (87) WO2020/252569 (31) 62/862,283 (32) 17.06.19 (33) US (43) 24.12.2020 (44) 10.07.2025 (72) BROUWER, Gerardus J.; MORGAN, Ian L. (74) FB Rice Pty Ltd	(71) Abiomed, Inc. (11) AU-B-2020209821 (21) 2020209821 (22) 15.01.2020 (54) Left ventricular volume and cardiac output estimation using machine learning model (51) Int. Cl. A61B 5/02 (2006.01) A61B 5/00 (2006.01) A61B 5/0215 (2006.01) A61B 5/029 (2006.01) A61M 60/135 (2021.01) (87) WO2020/150346 (31) 62/793,239 (32) 16.01.19 (33) US (43) 23.07.2020 (44) 10.07.2025 (72) EL KATERJI, Ahmad; TAN, Qing; KROEKER, Erik; WANG, Rui (74) Davies Collison Cave Pty Ltd	(71) Adama Makhteshim Ltd. (11) AU-B-2019419750 (21) 2019419750 (22) 30.12.2019 (54) Synthesis of 1,1,2-trifluoro-4-(substituted sufonyl)-but-1-ene (51) Int. Cl. C07D 277/36 (2006.01) A01N 43/78 (2006.01) (87) WO2020/141514 (31) 62/786,587 (32) 31.12.18 (33) US (43) 09.07.2020 (44) 10.07.2025 (72) ZELL, Thomas; COHEN, Shlomi (74) Davies Collison Cave Pty Ltd
(71) A. STUCKI COMPANY (11) AU-B-2022206670 (21) 2022206670 (22) 05.01.2022 (54) RAILCAR DAMPING SYSTEM (51) Int. Cl. B61G 5/02 (2006.01) B61G 7/14 (2006.01) B61G 9/00 (2006.01) B61G 9/04 (2006.01) B61G 11/00 (2006.01) F16F 1/40 (2006.01) (87) WO2022/150387 (31) 63/134,302 (32) 06.01.21 (33) US 63/175,164 15.04.21 US 63/203,295 16.07.21 US (43) 14.07.2022 (44) 10.07.2025 (72) SHOUP, Joseph Michael; KENNEDY, James Scott; BRANT, Neil Aaron (74) Alder IP Pty Ltd	(71) Abiomed Europe GmbH (11) AU-B-2023229616 (21) 2023229616 (22) 15.09.2023 (54) Blood pump with reinforced catheter (51) Int. Cl. A61M 60/135 (2021.01) A61M 25/00 (2006.01) (43) 05.10.2023 (44) 10.07.2025 (62) 2018262629 (72) SIESS, Thorsten; KIRCHHOFF, Frank; ABOLHOSN, Walid (74) Spruson & Ferguson	(71) A-DEC, INC. (11) AU-B-2023235285 (21) 2023235285 (22) 15.03.2023 (54) CHAIR PRESET ICON SYNCHRONIZATION (51) Int. Cl. A61C 1/00 (2006.01) A47C 1/024 (2006.01) A47C 1/032 (2006.01) A47C 7/50 (2006.01) A61G 7/018 (2006.01) A47C 3/20 (2006.01) A61G 7/012 (2006.01) (87) WO2023/178145 (31) 17/697,497 (32) 17.03.22 (33) US (43) 21.09.2023 (44) 10.07.2025 (72) IRVING, Michael John; ALVAREZ, Jason Joel; FREIER, Daryl Wayne; MCCLELLAND, Scott Andrew; NELSON, Bradley Jamin; PETERSON, Brett Douglas (74) James & Wells Intellectual Property
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(74) FPA Patent Attorneys Pty Ltd

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(54) Devices and methods for interacting with an application switching user interface
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(54) SIDELINK TRANSMISSION CO-ORDINATION
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G06F 3/01 (2006.01)
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(54) Compositions and methods for inhibiting gene expression of LPA
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C12N 15/113 (2010.01)
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A61P 13/12 (2006.01)
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D01D 5/00 (2006.01)

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B33Y 30/00 (2015.01)
B82Y 40/00 (2011.01)
D01D 13/02 (2006.01)
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MARTÍNEZ DE IRUJO, Javier; NUANS-
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Board of Regents of The University of
Texas System; The United States of
America, as Represented by the Sec-
retary, Department of Health and Hu-
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(54) Compounds and methods for treating
neurological and cardiovascular condi-
tions
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LOZE VENNOOTSCHAP
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REMOTE MANAGEMENT OF A COM-
PRESSED AIR DISTRIBUTION SYS-
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F04B 39/14 (2006.01)
F04B 41/06 (2006.01)

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H01F 27/24 (2006.01)
H01F 27/28 (2006.01)
H01F 38/04 (2006.01)
H01F 38/08 (2006.01)
H01F 38/10 (2006.01)
H05H 1/24 (2006.01)

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C12N 1/00 (2006.01)
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Edwin; AKINS, Maureen L.
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States of America, as Represented By
The Secretary, Department Of Health
and Human Services
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C12P 7/26 (2006.01)
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LOGY, INC.
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(54) Image encoding/decoding method and
device
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H04N 19/597 (2014.01)
H04N 19/105 (2014.01)
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H04N 19/176 (2014.01)
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G06T 7/49 (2017.01)
G06T 11/80 (2006.01)
G06V 10/82 (2022.01)
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G06Q 50/10 (2012.01)
H04L 12/28 (2006.01)
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B29C 64/255 (2017.01)
B29C 64/307 (2017.01)
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B33Y 40/00 (2020.01)
B65D 88/54 (2006.01)
B65D 90/54 (2006.01)
B65D 90/62 (2006.01)
B65D 90/66 (2006.01)
F16K 1/22 (2006.01)
F16K 31/163 (2006.01)
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B04C 11/00 (2006.01)
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F02D 17/00 (2006.01)
G01P 5/16 (2006.01)
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A23K 20/147 (2016.01)
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A23L 33/18 (2016.01)
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H01C 1/144 (2006.01)
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A61B 17/00 (2006.01)
A61B 17/12 (2006.01)
A61B 17/42 (2006.01)
A61L 15/42 (2006.01)
A61L 24/00 (2006.01)
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(54) NOVEL DISTURBANCE-FREE MARINE SEDIMENT SAMPLING TOOL

(51) Int. Cl.

G01N 1/08 (2006.01)

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(51) Int. Cl.

A61B 18/18 (2006.01)

A61B 17/34 (2006.01)

A61B 18/14 (2006.01)

A61M 25/01 (2006.01)

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A01G 27/00 (2006.01)

A01G 9/14 (2006.01)

A01G 11/00 (2006.01)

A01G 13/06 (2006.01)

A01G 31/02 (2006.01)

E02B 13/00 (2006.01)

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(54) THERMAL STRIPPING UREA PRODUCTION

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C07C 273/04 (2006.01)

B01D 3/00 (2006.01)

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H01M 8/18 (2006.01)

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A61P 35/00 (2006.01)
C07D 257/08 (2006.01)
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A61P 25/28 (2006.01)
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F16L 9/04 (2006.01)
B32B 1/08 (2006.01)
B32B 5/12 (2006.01)
B32B 5/26 (2006.01)
B32B 5/28 (2006.01)
B32B 15/085 (2006.01)
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H02M 7/30 (2006.01)
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E04B 1/62 (2006.01)
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G06T 5/50 (2006.01)
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H04W 48/12 (2009.01)
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C12Q 1/68 (2018.01)
C12Q 1/683 (2018.01)
G01N 33/08 (2006.01)
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B22F 3/105 (2006.01)
B29C 64/153 (2017.01)
B29C 64/214 (2017.01)
B33Y 70/10 (2020.01)
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A61G 11/00 (2006.01)
A61M 1/16 (2006.01)
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A23G 9/04 (2006.01)
A23L 2/54 (2006.01)
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B67D 1/08 (2006.01)
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C07D 215/227 (2006.01)
C07D 263/20 (2006.01)
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B60L 53/10 (2019.01)
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A61K 38/16 (2006.01)
A61K 51/08 (2006.01)
C07K 14/195 (2006.01)
C40B 30/04 (2006.01)
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G06Q 10/08 (2012.01)
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C12N 15/62 (2006.01)
A61K 48/00 (2006.01)
A61P 27/00 (2006.01)
A61P 27/02 (2006.01)
C07K 14/075 (2006.01)
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C07D 513/02 (2006.01)
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C12Q 1/68 (2018.01)
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C02F 1/24 (2023.01)

C02F 1/04 (2023.01)
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C02F 9/00 (2023.01)
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(54) Electrically heated, hybrid high-temperature method
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H02J 3/28 (2006.01)
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G01N 27/22 (2006.01)
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B65B 31/04 (2006.01)
B65B 43/04 (2006.01)
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(51) Int. Cl.
C12N 1/14 (2006.01)
C12P 21/02 (2006.01)
C12N 1/15 (2006.01)
C12N 15/09 (2006.01)
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(54) SYSTEM FOR SELECTIVELY MANAGING AND SHARING INFORMATION BASED UPON TELEMATIC INFORMATION RELATED TO MOBILE DEVICES
(51) Int. Cl.
H04W 12/50 (2021.01)
H04W 12/06 (2021.01)
H04W 12/69 (2021.01)
H04W 12/062 (2021.01)
H04W 12/065 (2021.01)
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(72) MESSIA, Joseph; CIVITELLA, Antonio
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) TRANSOCEAN SEDCO FOREX VENTURES LIMITED
(11) AU-B-2022221361
(21) 2022221361 (22) 10.02.2022
(54) SYSTEMS, METHODS AND APPARATUS FOR IMPROVED MANAGEMENT OF HYDRAULICALLY ACTUATED DEVICES AND RELATED SYSTEMS
(51) Int. Cl.
E21B 21/08 (2006.01)
E21B 33/06 (2006.01)
E21B 47/06 (2012.01)
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(11) AU-B-2022429791
(21) 2022429791 (22) 27.12.2022
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B60P 3/06 (2006.01)
B60R 9/052 (2006.01)
(43) 07.12.2023
(44) 10.07.2025
(62) 2023202382
(72) David Condon; Ashley Hoch; Warren E.
Stoneburner
(74) MBIP
-
- (71) Yuhan Corporation
(11) AU-B-2023203121
(21) 2023203121 **(22)** 18.05.2023
(54) Method for producing dual function pro-
teins and its derivatives
(51) Int. Cl.
C12P 21/00 (2006.01)
C07K 14/50 (2006.01)
C07K 14/575 (2006.01)
C07K 14/605 (2006.01)
(43) 15.06.2023
(44) 10.07.2025
(62) 2018256256
(72) Choi, Byung Hyun; Lim, In Hwan; Park,
Jun Young; Lee, Jin Hyoung; Kim, Ki
Hong; Jo, Hae Yong; Kim, Jun Hwan;
Song, Moo Young; Kim, Jong Gyun
(74) FB Rice Pty Ltd
-
- (71) Zhejiang Jinko Solar Co., Ltd.; Jinko
Solar Co., Ltd.
(11) AU-B-2023219984
(21) 2023219984 **(22)** 25.08.2023

- (54)** PARTIAL TUNNELING OXIDE LAY-
ER PASSIVATION CONTACT STRUC-
TURE OF PHOTOVOLTAIC CELL AND
PHOTOVOLTAIC MODULE
(51) Int. Cl.
H10F 77/30 (2025.01)
(43) 14.09.2023
(44) 10.07.2025
(62) 2019475453
(72) Yang, Jie; Sun, Haijie; Wang, Zhao; Xu,
Menglei; Zheng, Peiting; Zhang, Xinyu;
Jin, Hao
(74) Madderns Pty Ltd
-
- Zhejiang Jinko Solar Co., Ltd. see Jinko
Solar Co., Ltd.**
(21) 2023258331
-
- (71) ZTE Corporation
(11) AU-B-2021301699
(21) 2021301699 **(22)** 12.05.2021
(54) Positioning method, device and system
for receiving device, storage medium,
and electronic device
(51) Int. Cl.
H04W 4/021 (2018.01)
H04W 4/02 (2018.01)
(87) WO2022/001401
(31) 202010617374.3 **(32)** 30.06.20 **(33)** CN
(43) 06.01.2022
(44) 10.07.2025
(72) DOU, Jianwu; FANG, Min; CHEN, Yiji-
an; ZHANG, Nan; PENG, Lin
(74) Davies Collison Cave Pty Ltd
-
- (71) ZTE CORPORATION
(11) AU-B-2022335395
(21) 2022335395 **(22)** 22.07.2022
(54) POWER AMPLIFICATION CIRCUIT
AND POWER AMPLIFIER
(51) Int. Cl.
H03F 1/02 (2006.01)
H03F 3/195 (2006.01)
H03F 3/213 (2006.01)
(87) WO2023/024785
(31) 202110978778.X **(32)** 25.08.21 **(33)** CN
(43) 02.03.2023
(44) 10.07.2025
(72) HAN, Hui; GUO, Yaobin; WANG, Xiaop-
ing; XIAO, Huanqing
(74) Davies Collison Cave Pty Ltd

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2017397458	ModernaTX, Inc.	2019343950	Egg Medical, Inc.
2018256499	Haemers Technologies sa	2019344411	Solarwood International Pty Ltd
2018302283	Novartis AG	2019344592	Oxford University Innovation Limited
2018304174	VirTech Bio, Inc.	2019347721	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC
2018313952	Juno Therapeutics, Inc.	2019348050	RCR Mining Technologies Pty Ltd
2018316694	Nektar Therapeutics	2019348162	Casale SA
2018328119	Azitra Inc	2019350581	CARNA BIOSCIENCES, INC.
2018328289	Combined Therapeutics, Inc.	2019351589	0903608 B.C. Ltd.
2018350299	SAS Systems Australia Pty Ltd	2019354784	Travere Therapeutics, Inc.
2018351147	Venn Biosciences Corporation	2019354837	First Light Diagnostics, Inc.
2018371232	Baliopharm AG	2019359823	Duke University
2018393045	Takeda Pharmaceutical Company Limited	2019360051	O'Donnell, B.
2018393111	Amunix Pharmaceuticals, Inc.	2019360206	President and Fellows of Harvard College
2018428818	Tumi, Inc.	2019360210	Liao, X.
2019207900	Claret Bioscience, LLC	2019361043	Mars, Incorporated
2019218334	R-Biopharm AG	2019361324	Oraldent Limited
2019218518	Hangzhou Sumgen Biotech Co., Ltd.; Sumgen Mab (Beijing) Biotech Co., Ltd.	2019361728	Valmont Industries, Inc.
2019221544	Precision Biologics, Inc.	2019363630	Springworks Farm Maine Inc.
2019223315	Illumina Singapore Pte. Ltd.	2019366968	Danisco US Inc
2019226001	Bristol-Myers Squibb Company; Roche Innovation Center Copenhagen A/S	2019368102	Graco Minnesota Inc.
2019226177	Melbourne City Council	2019368348	Bucceri, A.
2019227186	The Board of Trustees of the Leland Stanford Junior University	2019369175	Maricap Oy
2019248463	CircSaw Technologies LLC	2019370363	University of Florida Research Foundation, Incorporated
2019258527	Intellexon GmbH	2019370887	R. J. Reynolds Tobacco Company
2019261995	Revolok Technologies, LLC	2019371704	Kitz Corporation
2019262520	Tagworks Pharmaceuticals B.V.	2019373154	Axena Health, Inc.
2019264628	Illinois Tool Works Inc.	2019375975	Allen Institute
2019268162	RES, G.	2019376162	FLOWERVE PTE. LTD.
2019268171	Soremartec S.A.	2019380299	NIX, Inc.
2019272047	Aristocrat Technologies Australia Pty Limited	2019383469	Petróleo Brasileiro S.A. - Petrobras
2019272774	Envisagenics, Inc.	2019384870	Wellness IP, Inc.
2019275969	Esteve Pharmaceuticals, S.A.; Universitat Autònoma De Barcelona	2019385525	Coloplast A/S
2019288847	Orgalife Nutrition Science Company Limited	2019385636	Wittur Holding GmbH
2019290345	Xylonix PTE. LTD.	2019385902	Ulthera, Inc.
2019292134	Ribomic Inc.	2019387394	Tilkobede Belgium BVBA
2019294451	TDC International AG	2019388130	Hugel Inc.
2019295424	Breville Pty Limited	2019390733	La Trobe University
2019298075	National University of Singapore; Agency for Science, Technology and Research	2019392680	Sage Therapeutics, Inc.
2019302152	National University Corporation Kobe University; Daiichi Sankyo Company, Limited	2019392750	Arthroci Therapeutics, Inc.
2019310317	Caterpillar Inc.	2019395318	Paragon 28, Inc.
2019310460	Bedgear, LLC	2019395376	Roquette Freres
2019312885	LPW Technology Ltd	2019396614	Amgen Inc.
2019313604	GOLDSSTEIN, L.; ELGART, Y.	2019398471	Paragon 28, Inc.
2019314498	Attune Agriculture LLC	2019398813	Fugro N.V.
2019315807	Takeda Pharmaceutical Company Limited	2019400039	Electrolux Appliances Aktiebolag
2019317754	Genethon; Institut National de la Sante et de la Recherche Medicale; Sorbonne Université; Université D'evry Val D'essonne; Association Institut De Myologie	2019402918	LANXESS Corporation
2019318097	Trouperdale Pty Ltd	2019408431	DEME Offshore BE N.V.
2019324196	Gen-Probe Incorporated	2019410881	GELITA AG
2019328567	ImmunityBio, Inc.	2019414854	Schreder S.A.
2019328764	Techstyle Materials, Inc.	2019415387	Kirin Holdings Kabushiki Kaisha
2019329035	Powder Projects Limited	2019417691	Taiho Pharmaceutical Co., Ltd.
2019329357	Toray Industries, Inc.	2019419750	Adama Makhteshim Ltd.
2019334898	The Penn State Research Foundation	2019419934	Merck Patent GmbH
2019335303	PATHOTRAK INC.	2019422771	Cayago TEC GmbH
2019338459	Eirion Therapeutics, Inc.	2019438521	Junttan Oy
2019339488	Eirion Therapeutics, Inc.	2019439452	The Coca-Cola Company
2019340821	Société des Produits Nestlé S.A..	2019448160	Kimberly-Clark Worldwide, Inc.
2019341638	Guided Ultrasonics Ltd	2019473666	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2019342749	Iovance Biotherapeutics, Inc.	2020200000	Trespa International B.V.
2019343111	Waveseer, LLC	2020200589	Howmedica Osteonics Corp.
		2020201036	IPH International Pty Ltd
		2020202102	Wiworl Co., Ltd.
		2020202789	Deere & Company
		2020202895	The Boeing Company
		2020202971	Oticon Medical A/S

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2020203930	CATERPILLAR INC.	2020304684	Revive Environmental Technology, LLC
2020203986	TNA Australia Pty Limited	2020310113	Qualcomm Incorporated
2020204280	Makita Corporation	2020311064	Evoca S.p.A.
2020204705	Wisconsin Alumni Research Foundation	2020312185	MEIKO Maschinenbau GmbH & Co. KG
2020204864	Neuronano AB	2020312795	Powerhouse Energy Group PLC
2020206853	Schreder S.A.	2020313198	De' Longhi Appliances S.r.l.
2020208883	La Marzocco S.r.l.	2020314094	Tana Oy
2020209821	Abiomed, Inc.	2020314384	MasterCard International Incorporated
2020210187	Prysmian S.p.A.	2020314758	James Hardie Technology Limited
2020210968	Vibrant Ltd.	2020315411	TrellisWare Technologies, Inc.
2020213608	Abey Australia Pty. Ltd.	2020316731	Trudell Medical International Inc.
2020217477	Global Fabtech (Shanghai) Company Limited	2020321043	Evoqua Water Technologies LLC
2020218151	La Marzocco S.r.l.	2020321910	Medtronic, Inc.
2020219048	Anduril Industries, Inc.	2020322639	Reifenhäuser GmbH & Co. KG Maschinenfabrik
2020221031	Axcess Global Sciences, LLC	2020324372	ETG Holdings Company, Inc.
2020221451	Procore Technologies, Inc.	2020325197	LSI Solutions, Inc.
2020221604	BioRenGaz	2020325803	DePuy Synthes Products, Inc.
2020221690	Rapture Innovation Labs Private Limited	2020328267	Marinvent Corporation
2020222881	PTC Therapeutics, Inc.	2020329779	CSP Technologies, Inc.
2020223635	BEMO PTY LTD	2020336813	Eaton Intelligent Power Limited
2020225444	Daikin Industries, Ltd.	2020336951	Muon Solutions Oy
2020225765	Japham Group Limited	2020336980	Vir Biotechnology, Inc.
2020227676	Taylor Commercial Foodservice, LLC.	2020337109	Delft Offshore Turbine B.V.
2020227824	Ionis Pharmaceuticals, Inc.	2020338248	Asociación – Centro de Investigación Cooperativa en Nanociencias – "CIC nanoGUNE"
2020229508	ASYGN	2020342422	Henke-Sass, Wolf GmbH
2020229837	BWAY Corporation	2020344704	Treace Medical Concepts, Inc.
2020233624	Skrin Pty Ltd	2020345697	Bard Access Systems, Inc.
2020239973	Align Technology, Inc.	2020347841	Neatframe Limited
2020240007	MSA Technology, LLC	2020347867	Gambro Lundia AB
2020240926	Bravilor Bonamat B.V.	2020347874	Eyeonic Pty Limited
2020242834	Sika Technology AG	2020353130	Maschinenfabrik Reinhausen GmbH
2020243830	AMSL Innovations Pty Ltd	2020354852	Huawei Technologies Co., Ltd.
2020244765	Home Run Dugout LLC	2020355342	DePuy Ireland Unlimited Company
2020245775	Lundoch Diagnostics AB	2020356800	Bertagni 1882 SpA
2020249883	Alcon Inc.	2020357494	BAKC Capital Group
2020251432	Kabushiki Kaisha Yakult Honsha	2020361351	Huhtamaki Molded Fiber Technology B.V.
2020253196	Heineken Supply Chain B.V.	2020362062	Amgen Inc.
2020257165	The Raymond Corporation	2020365193	Bard Access Systems, Inc.
2020257210	Atmospheric Plasma Solutions, Inc.	2020368021	Kemira Oyj
2020258987	Huawei Technologies Co., Ltd.	2020368838	Trimax Mowing Systems NZ Limited
2020264086	BWM Technologies GmbH	2020371537	Medtronic, Inc.
2020266256	Gensight Biologics	2020372310	Medtronic, Inc.
2020268160	Qualcomm Incorporated	2020373254	Wyss Center for Bio and Neuro Engineering
2020269286	Marel Meat B.V.	2020375626	Caterpillar Inc.
2020269368	Palette Life Sciences, Inc.	2020376522	KONE Corporation
2020269760	Aroa Biosurgery Limited	2020380147	Caterpillar Inc.
2020275000	Obstetrx, Inc.	2020382872	EVOBEND GmbH
2020280072	InterDigital VC Holdings, Inc.	2020402602	Dongieux, R.
2020280807	HOASYS	2020428550	Halliburton Energy Services, Inc.
2020280907	J Van Beugen Beheer B.V.	2020466790	PHARMA MAR, S.A.
2020281490	Paul Hartmann AG	2021202513	Graymont (PA) Inc.
2020282309	Qualcomm Incorporated	2021212208	Herring, J.
2020282381	Clipex IP Limited	2021216863	Afiniti AI Limited
2020282639	Stellar Advanced Concepts Ltd	2021221569	Datamars SA
2020283628	Ishihara Sangyo Kaisha, Ltd.	2021221632	The University of Western Australia
2020284151	Kverneland Group Ravenna S.r.l.	2021234454	CR Therapeutics Co., Ltd.
2020285938	Ishihara Sangyo Kaisha, Ltd.	2021247093	ConocoPhillips Company
2020286580	thyssenkrupp Uhde GmbH; BASF SE; thyssenkrupp AG	2021247251	Rhapis s.r.l.
2020287218	LRP AG	2021291911	GRST SINGAPORE PTE. LTD.
2020287588	Protix B.V.	2021299453	Bard Access Systems, Inc.
2020289937	Lonza Cologne GmbH	2021301699	ZTE Corporation
2020290050	NewSouth Innovations Pty Limited; Sydney Water Corporation	2021306678	i-SEP
2020294526	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited	2021311567	ECCOGENE INC.
2020294676	Huawei Technologies Co., Ltd.	2021320360	National Institute of Advanced Industrial Science and Technology
2020295120	1045929 Ontario Limited	2021327851	Nuclera Ltd
2020295744	Salto Systems, S.L.	2021358709	CROWN EQUIPMENT CORPORATION
2020296221	Société des Produits Nestlé S.A.	2021400816	ELI LILLY AND COMPANY
2020296950	KOB GmbH		
2020298844	Depuy Synthes Products, Inc.		

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2021427796	DEERE & COMPANY	2022347897	KOMATSU LTD.
2021432630	GUSS AUTOMATION LLC	2022350648	STANDARD ENERGY INC.
2021439033	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	2022353540	CG BIO CO., LTD.
2021451798	HENAN YUEXIN INTELLIGENT MACHINERY CO., LTD	2022356880	KOMATSU LTD.
2021456642	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2022357346	INVENTIO AG
2021459483	HALLIBURTON ENERGY SERVICES, INC.	2022359191	Ingenium Therapeutics
2021460983	JIANGSU GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2022368450	BLUE ECONOMY CRC-CO LTD
2021465302	APPLE INC.	2022369132	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2021467183	Jingao Solar Co., Ltd	2022369352	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.
2021471734	TRINA SOLAR CO., LTD	2022377387	JOST-WERKE DEUTSCHLAND GMBH
2021476731	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2022379575	BRIDGESTONE AMERICAS, INC.
2021479832	CONTEMPORARY AMPEREX TECHNOLOGY (HONG KONG) LIMITED	2022382805	HENDRICKSON USA, L.L.C.
2022202408	Aura Biosciences, Inc.; The United States of America, as Represented By The Secretary, Department Of Health and Human Services	2022383126	CCTEG TAIYUAN RESEARCH INSTITUTE; SHANXI TIANDI COAL MINING MACHINERY CO., LTD.
2022203601	Pfizer Inc.	2022383394	ATLAS COPCO AIRPOWER, NAAMLOZE VEN-NOOTSCHAP
2022203620	Pfizer Inc.	2022386378	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2022205163	GlaxoSmithKline Biologicals SA	2022388004	KOMATSU LTD.
2022205667	BFP MANAGEMENT, LLC	2022400875	TRANSFINDER CORPORATION
2022206002	AGTONOMY	2022402675	HITACHI, LTD.
2022206670	A. STUCKI COMPANY	2022403393	CLASSYS INC.
2022212076	VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT	2022406595	HANGZHOU HEALZEN THERAPEUTICS CO., LTD.; GUANGDONG HONGYE PHARMACEUTICAL CO., LTD.
2022217127	CATERPILLAR INC.	2022407959	NITROGAS AS
2022218770	PPG ADVANCED SURFACE TECHNOLOGIES, LLC	2022409542	THE NOCO COMPANY
2022221361	TRANSOCEAN SEDCO FOREX VENTURES LIMITED	2022420708	STAMICARBON B.V.
2022223434	PUREWICK CORPORATION	2022421808	COLGATE-PALMOLIVE COMPANY
2022235495	LINDSAY CORPORATION	2022423404	UNILEVER GLOBAL IP LIMITED
2022237506	HUNTER INDUSTRIES, INC.	2022426545	CHINA MOBILE COMMUNICATION CO., LTD RE-SEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
2022243933	KLAUS, S.	2022429495	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
2022244737	DAIKIN INDUSTRIES, LTD.	2022429791	TRANSOCEAN SEDCO FOREX VENTURES LIMITED
2022248963	TYCO FIRE & SECURITY GMBH	2022431643	COLGATE-PALMOLIVE COMPANY
2022251188	PFIZER INC.	2022435971	mitsubishi electric corporation
2022252785	Canon Kabushiki Kaisha	2022437653	HANGZHOU HANGKE OPTOELECTRONICS CO., LTD.
2022253577	LPW TECHNOLOGY LTD	2023201547	BGI Shenzhen; MGI Tech Co., Ltd.
2022254686	DIGITAL SURGERY SYSTEMS, INC.	2023202217	Cue Vapor Limited
2022258771	GENESIS SYSTEMS LLC	2023202255	F. HOFFMANN-LA ROCHE AG
2022258962	APPLE INC.	2023202671	Pharmacyclics LLC
2022259798	Glaukos Corporation	2023202694	Astrocyte Pharmaceuticals, Inc.; The Board of Regents of The University of Texas System; The United States of America, as Represented by the Secretary, Department of Health and Human Services
2022264313	MIND MEDICINE, INC.	2023202907	Nthalmic Holding Pty Ltd
2022264580	THE CHILDREN'S HOSPITAL OF PHILADELPHIA	2023202962	Tritana Intellectual Property Ltd.
2022266591	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED	2023203016	Canva Pty Ltd
2022268510	IMERY'S BRITISH LITHIUM LIMITED	2023203018	Canva Pty Ltd
2022269605	CELLSIGHT TECHNOLOGIES INC.	2023203121	Yuhan Corporation
2022271927	INNOVSTONE THERAPEUTICS LIMITED	2023203592	Juul Labs, Inc.
2022283623	Arrowhead Pharmaceuticals, Inc.	2023203642	Twilio Inc.
2022289169	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2023203953	Snap-on Incorporated
2022289804	JAPAN MARINE UNITED CORPORATION; CHIYODA CORPORATION	2023204143	Schumacher Electric Corporation
2022292084	KONINKLIJKE DOUWE EGBERTS B.V.	2023204290	RMH Tech LLC
2022292679	HUAWEI TECHNOLOGIES CO., LTD.	2023204575	Mindera Corporation; The Scripps Research Institute
2022304788	HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.	2023208213	Edwards Lifesciences Corporation
2022313426	SIEMENS GAMESA RENEWABLE ENERGY A/S	2023214274	AIR PRODUCTS AND CHEMICALS, INC.
2022313672	LG ELECTRONICS INC.	2023216764	Biocompatibles UK Limited
2022318600	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2023216816	Dyno Nobel Asia Pacific Pty Limited
2022318982	JAPAN SCIENCE AND TECHNOLOGY AGENCY	2023216902	Nunhems B.V.
2022325270	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2023219849	Carbon Engineering Ltd.
2022326664	HUAWEI TECHNOLOGIES CO., LTD.	2023219873	Dexcom, Inc.
2022328933	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2023219967	Joy Global Underground Mining LLC
2022331674	HUAWEI TECHNOLOGIES CO., LTD.	2023219984	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2022335395	ZTE CORPORATION	2023229492	Sonos, Inc.
2022345780	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.	2023229616	Abiomed Europe GmbH
		2023231764	MEDACTA INTERNATIONAL SA
		2023231832	CASIO COMPUTER CO., LTD.
		2023232527	MEDACTA INTERNATIONAL SA

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2023233124	Innovative Medical Technology (Pty) Ltd	2024203746	Hologic, Inc.
2023233727	SAGE PRODUCTS LLC	2024203809	Kent Imaging
2023235285	A-DEC, INC.	2024203963	Fairpoint Outdoors A/S
2023237030	Werewolf Therapeutics, Inc.	2024204100	LG Electronics Inc.
2023237127	Apple Inc.	2024204101	Canva Pty Ltd
2023241285	CareFusion 2200, Inc.	2024204114	Canva Pty Ltd
2023241287	Hager-Electro SAS	2024204300	LG Electronics Inc.
2023241295	Bayer HealthCare LLC	2024204429	Spinal Modulation, Inc.
2023248082	The Regents of the University of California	2024204596	Dynex Extrusions Limited
2023248097	Applied Medical Resources Corporation	2024204637	MECCANICA BREGANZESE S.p.A. in breve MB S.p.A.
2023251440	The Scripps Research Institute	2024205056	May, S.
2023251455	i-SENS, Inc	2024205097	EpinovaTech AB
2023251542	NVIDIA Corporation	2024205807	Twilio Inc.
2023258331	Jinko Solar Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.	2024210880	GEORGIA TECH RESEARCH CORPORATION
2023263466	Trina Solar Co., Ltd	2024278482	TRUEVITA NUTRITION PTY LTD
2023266262	Yakima Australia Pty Limited	2024301849	THE WATER & CARBON GROUP PTY. LTD.
2023266325	Omniceil, Inc.	2024378304	HOLLISTER INCORPORATED
2023272986	SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES	2025200235	Foshan Baitai Auto Accessories Co., Ltd
2023274224	Dermavant Sciences GmbH	2025200463	MAKO Surgical Corp.
2023278087	Hithium Tech HK Limited	2025203550	O-Soiling
2023285760	Jiangsu Chiatai Qingjiang Pharmaceutical Co., Ltd.	2025204209	Hasbro, Inc.
2023285792	Ecolab USA Inc.		
2023301206	FLUID HANDLING LLC		
2023331396	WUHAN NARI LIMITED LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RESEARCH IN- STITUTE; STATE GRID BEIJING ELECTRIC POWER COMPANY; STATE GRID ELECTRIC POWER RE- SEARCH INSTITUTE		
2023335870	OSAKA SEALING PRINTING CO., LTD.		
2023335873	OSAKA SEALING PRINTING CO., LTD.		
2023342346	BEAULIEU INTERNATIONAL GROUP NV		
2023346303	HÄFELE TECHNOLOGY SOLUTIONS GMBH & CO. KG		
2023360042	PERRI, A.; PERRI, A.		
2023366065	GOMEZ, R.A.M.		
2023370512	KOHUNUI, D.		
2023413829	ALFA LAVAL CORPORATE AB		
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2024200060	BioPath Automation, L.L.C.		
2024200110	HAI Robotics Co., Ltd.		
2024200155	Wonderland Switzerland AG		
2024200258	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.		
2024200376	Jetoptera, Inc.		
2024200434	Heraeus Medical GmbH		
2024200816	Datalog, LLC		
2024200819	Apple Inc.		
2024201146	Bigfoot Biomedical, Inc.		
2024201232	Wonderland Switzerland AG		
2024201315	Oticon Medical A/S		
2024201569	ServiceNow, Inc.		
2024201647	Watgrid, S.A.		
2024201686	Acera Surgical, Inc.		
2024201883	PIONEER MATERIAL PRECISION TECH CO., LTD.		
2024201915	PGS Geophysical AS		
2024202071	Union Winner International Co., Ltd.		
2024202112	Neuboron Therapy System Ltd.		
2024202523	E3D A.C.A.L		
2024202524	Immuneering Corporation		
2024202610	Technetix B.V.		
2024202667	Apple Inc.		
2024202986	Manufacturing Resources International, Inc.		
2024203012	The Global Alliance for TB Drug Development, Inc.		

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2022205667	2023216902	2024210880	2019268171	2020227676	2019387394
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2021221632	2023216902	2022292084	2019370887	2020208883	2020209821
<u>A01C 7 /-</u>	<u>A01H 6 /-</u>	<u>A23G 1 /-</u>	<u>A24F 42 /-</u>	2020218151	2020249883
2020202789	2023216902	2019268171	2019370887	<u>A47J 43 /-</u>	2020347867
2021221632	<u>A01K 3 /-</u>	<u>A23G 3 /-</u>	<u>A24F 47 /-</u>	2019295424	2021306678
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2023202962	<u>A01K 97 /-</u>	2019439452	2018428818	2021456642	2024203809
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2023202962	<u>A01N 1 /-</u>	2019395376	2018428818	2023370512	2020325197
<u>A01F 12 /-</u>	2019342749	<u>A23J 3 /-</u>	<u>A45D 1 /-</u>	<u>A47L 11 /-</u>	<u>A61B 6 /-</u>
2023202962	<u>A01N 25 /-</u>	2019361043	2020225765	2020204280	2019343950
<u>A01F 25 /-</u>	2019366968	2019395376	<u>A45D 2 /-</u>	2022289169	2019344592
2020284151	2023285792	<u>A23K 10 /-</u>	2020225765	2022328933	2024202112
<u>A01F 29 /-</u>	<u>A01N 37 /-</u>	2019395376	<u>A45D 20 /-</u>	<u>A61B 17 /-</u>	<u>A61B 90 /-</u>
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<u>A01G 11 /-</u>	2023285792	2019361043	<u>A46B 13 /-</u>	2019395318	2020294526
2019363630	<u>A01N 43 /-</u>	2019395376	2025203550	2019398471	2020312185
<u>A01G 13 /-</u>	2019419750	<u>A23K 50 /-</u>	<u>A46B 9 /-</u>	2020200589	2020325197
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2019363630	2020285938	<u>A23L 19 /-</u>	<u>A47C 1 /-</u>	2020294526	<u>A61C 1 /-</u>
<u>A01G 20 /-</u>	2020283628	2019415387	2023235285	2020325197	2023235285
2020295120	2020285938	<u>A23L 2 /-</u>	<u>A47C 21 /-</u>	2020344704	<u>A61C 7 /-</u>
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2019361728	2019351589	2019439452	<u>A47C 3 /-</u>	2023231764	<u>A61F 13 /-</u>
2022235495	<u>A01N 63 /-</u>	<u>A23L 33 /-</u>	2023235285	2023232527	2019387394
<u>A01G 27 /-</u>	2019366968	2019288847	<u>A47J 31 /-</u>	2023233124	2020269760
2019343111	<u>A01P 13 /-</u>	2019361043	2020218151	2023248097	2020275000
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<u>A01G 31 /-</u>	2020285938	2019410881	<u>A47C 7 /-</u>	<u>A61B 18 /-</u>	2020296950
2019343111	<u>A21B 3 /-</u>	2020251432	2023235285	2019385902	<u>A61F 2 /-</u>
2019363630	<u>A22B 5 /-</u>	2024278482	<u>A47J 36 /-</u>	2020347874	2019395318
2020282381	2020269286	<u>A23L 5 /-</u>	2020218151	2022259798	2019398471
<u>A01G 9 /-</u>	<u>A22B 7 /-</u>	<u>A23L 7 /-</u>	2020240926	<u>A61B 34 /-</u>	2020200589
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2020282381			2020313198	2023232527	2020355342
2023233086				2025200463	2022353540
				<u>A61B 5 /-</u>	2023208213
				2019373154	2024201686
				2019380299	<u>A61F 5 /-</u>
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<u>A61G 13 /-</u>	<u>A61K 36 /-</u>	<u>A61K 9 /-</u>	<u>A61M 36 /-</u>	2019292134 2019315807 2019360206 2023285760	<u>A61P 9 /-</u>
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<u>A61G 7 /-</u>	<u>A61K 38 /-</u>		<u>A61M 37 /-</u>	<u>A61P 25 /-</u>	<u>A61Q 1 /-</u>
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<u>A61H 23 /-</u>		<u>A61L 11 /-</u>	<u>A61M 39 /-</u>		<u>A61Q 11 /-</u>
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<u>A61J 1 /-</u>	<u>A61K 39 /-</u>	<u>A61L 17 /-</u>		2019292134 2023248082	<u>A61Q 19 /-</u>
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<u>A61J 7 /-</u>		<u>A61L 2 /-</u>	2020209821 2023229616	2019292134	<u>A62C 31 /-</u>
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	<u>A61K 45 /-</u>	2020269368		2019354784 2020336980 2022205163	2020244765
		<u>A61L 31 /-</u>	<u>A61N 5 /-</u>	<u>A61P 35 /-</u>	<u>A63B 69 /-</u>
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	<u>A61K 47 /-</u>	<u>A61M 1 /-</u>	<u>A61N 7 /-</u>		<u>A63B 71 /-</u>
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	<u>A61K 48 /-</u>	<u>A61M 15 /-</u>	<u>A61P 1 /-</u>		<u>A63H 23 /-</u>
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	<u>A61K 51 /-</u>	<u>A61M 27 /-</u>	<u>A61P 13 /-</u>		<u>A63H 33 /-</u>
	2019262520 2019334898 2022269605	2019385525	2019392750 2023285760		2024201883
<u>A61K 33 /-</u>		<u>A61M 29 /-</u>	<u>A61P 17 /-</u>		<u>B01D 1 /-</u>
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<u>A61K 35 /-</u>	<u>A61K 8 /-</u>			2022421808	<u>B01D 21 /-</u>
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				2019302152 2019370363 2022318982	<u>B01D 29 /-</u>
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				2024278482	<u>B01D 3 /-</u>
					2019348162 2022420708

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<u>B01D 45 /-</u>	<u>B05B 7 /-</u>	<u>B27M 1 /-</u>	2020229837	<u>B61G 7 /-</u>	<u>B63G 8 /-</u>
2019369175	2019368102	2019344411	<u>B60C 23 /-</u>	2022206670	2020282639
<u>B01D 46 /-</u>	<u>B07B 1 /-</u>	<u>B29C 51 /-</u>	2022379575	<u>B61G 9 /-</u>	<u>B63H 1 /-</u>
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<u>B01D 53 /-</u>	<u>B07C 5 /-</u>	<u>B29C 64 /-</u>	2022377387	<u>B61K 13 /-</u>	<u>B63H 11 /-</u>
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<u>B01D 61 /-</u>	<u>B09B 3 /-</u>	<u>B29C 65 /-</u>	2025200235	<u>B62B 5 /-</u>	<u>B64C 15 /-</u>
2019335303 2020290050	2020312795	2020329779	<u>B60L 15 /-</u>	2024201232	2024200376
<u>B01D 63 /-</u>	<u>B21D 5 /-</u>	<u>B31B 70 /-</u>	2020380147	<u>B62B 7 /-</u>	<u>B64C 29 /-</u>
2019335303 2020290050	2020382872	2019329035	<u>B60L 53 /-</u>	2024200155	2020243830
<u>B01D 69 /-</u>	<u>B21D 55 /-</u>	<u>B32B 1 /-</u>	2022409542 2024202986	<u>B62B 9 /-</u>	<u>B64C 3 /-</u>
2019335303 2020290050	2020382872	2019294451	<u>B60L 58 /-</u>	2024201232	2020282639
<u>B01D 71 /-</u>	<u>B22F 10 /-</u>	<u>B32B 15 /-</u>	2022356880	<u>B62D 1 /-</u>	<u>B64C 39 /-</u>
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<u>B01D 71 /-</u>	<u>B22F 12 /-</u>	<u>B32B 21 /-</u>	2022429495	<u>B62D 33 /-</u>	<u>B64C 9 /-</u>
2020290050	2022253577	2023342346	<u>B60P 3 /-</u>	2019360051 2022206002	2020243830
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<u>B01J 20 /-</u>	<u>B23D 45 /-</u>	<u>B32B 29 /-</u>	2020233624	<u>B62D 6 /-</u>	<u>B64G 1 /-</u>
2022258771	2019248463	2023342346	<u>B60R 9 /-</u>	2022206002	2022243933
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<u>B01L 3 /-</u>	<u>B23D 51 /-</u>	<u>B32B 37 /-</u>	2020375626 2021432630	<u>B63B 27 /-</u>	<u>B65B 27 /-</u>
2024200060	2019248463	2023342346	<u>B60W 50 /-</u>	2019408431	2023233086
<u>B02C 1 /-</u>	<u>B23Q 1 /-</u>	<u>B32B 5 /-</u>	2021432630	<u>B63B 32 /-</u>	<u>B65B 31 /-</u>
2024204637	2019248463	2019294451	<u>B60W 60 /-</u>	2019422771	2020203986
<u>B03B 4 /-</u>	<u>B25B 25 /-</u>	<u>B33Y 30 /-</u>	2021432630	<u>B63B 34 /-</u>	<u>B65B 43 /-</u>
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<u>B03C 1 /-</u>	<u>B25F 5 /-</u>	<u>B33Y 40 /-</u>	2022402675	<u>B63B 35 /-</u>	<u>B65B 5 /-</u>
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2020203986	<u>B65G 43 /-</u>	2019439452	<u>C07D 277 /-</u>	2019258527	2023219849
<u>B65D 43 /-</u>	2019369175	<u>B82Y 40 /-</u>	2019419750	2019315807	<u>C10G 3 /-</u>
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<u>B65D 47 /-</u>	2019348050	2023366065	2022271927	2023237030	2022345780
2020361351	<u>B65G 47 /-</u>	<u>C01B 32 /-</u>	2024202524	<u>C07K 16 /-</u>	<u>C10G 7 /-</u>
<u>B65D 5 /-</u>	2020213608	2020290050	<u>C07D 403 /-</u>	2018302283	2022345780
2019448160	2024210880	<u>C01C 3 /-</u>	2022406595	2018371232	<u>C10J 1 /-</u>
<u>B65D 63 /-</u>	<u>B65G 53 /-</u>	2022258771	<u>C07D 409 /-</u>	2018393111	2020312795
2023233086	2019369175	<u>C02F 1 /-</u>	2023285760	2019218518	<u>C10L 1 /-</u>
<u>B65D 65 /-</u>	<u>B65G 65 /-</u>	2019313604	<u>C07D 413 /-</u>	2019221544	2023219849
2020361351	2019329035	2020290050	2022271927	2019302152	<u>C10L 3 /-</u>
<u>B65D 75 /-</u>	<u>B65H 23 /-</u>	2020304684	2024203012	2019388130	2023219849
2019329035	2020281490	2023301206	<u>C07D 417 /-</u>	2020336980	<u>C12C 12 /-</u>
<u>B65D 77 /-</u>	<u>B65H 49 /-</u>	2024301849	2022271927	2022203601	2020253196
2019329035	2021221569	<u>C02F 101 /-</u>	<u>C07D 471 /-</u>	2022203620	<u>C12C 5 /-</u>
<u>B65D 81 /-</u>	<u>B65H 59 /-</u>	2020221604	2019350581	2023201547	2020253196
2020329779	2019261995	<u>C02F 3 /-</u>	2021311567	<u>C07K 19 /-</u>	<u>C12G 1 /-</u>
<u>B65D 83 /-</u>	2021221569	2020221604	2022406595	2023237030	2024201647
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2019340821	2023233086	<u>C05G 5 /-</u>	2021311567	<u>C08F 8 /-</u>	2024201647
2019448160	2023360042	<u>C06B 47 /-</u>	<u>C07D 495 /-</u>	2023216764	<u>C12L 11 /-</u>
2020287588	<u>B66B 19 /-</u>	2022205667	2020222881	2020242834	2024201647
2023233086	2020376522	<u>C06B 5 /-</u>	<u>C07D 498 /-</u>	<u>C08K 3 /-</u>	<u>C12M 1 /-</u>
<u>B65D 88 /-</u>	<u>B66B 5 /-</u>	2023216816	2022406595	2020242834	2020221604
2022253577	2019385636	<u>C07C 273 /-</u>	2024203012	<u>C08K 5 /-</u>	2020289937
<u>B65D 90 /-</u>	<u>B66C 1 /-</u>	2022420708	<u>C07D 513 /-</u>	2019402918	2022244737
2022253577	2020233624	<u>C07C 39 /-</u>	2023251440	<u>C08L 67 /-</u>	<u>C12N 1 /-</u>
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2019226177	2021460983	<u>C07D 213 /-</u>	2019360210	<u>C09J 133 /-</u>	2019314498
2019369175	<u>B66C 23 /-</u>	2019360206	<u>C07H 21 /-</u>	2021291911	2019329357
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2019369175	<u>B66D 1 /-</u>	2023285760	<u>C07J 41 /-</u>	2020242834	<u>C12N 15 /-</u>
<u>B65G 15 /-</u>	2021221569	2024203012	2019392680	<u>C09J 175 /-</u>	2018328289
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2019329357		<u>E02D 19 /-</u>			
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2020227824		2024204596			
2020251432	<u>C25B 1 /-</u>	<u>E02D 27 /-</u>	2022221361	<u>F02K 1 /-</u>	2022382805
2022283623			<u>E21B 33 /-</u>	2024200376	<u>F16F 1 /-</u>
2022318982	2023366065	2019264628			
2023202255	2023413829		2020428550	<u>F03D 13 /-</u>	2022206670
2023248082	<u>C25B 13 /-</u>	<u>E02D 31 /-</u>	2021247093	2019408431	<u>F16G 11 /-</u>
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<u>C12N 5 /-</u>	2023366065	2024204596	2022429791		2019261995
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2018313952	<u>C25B 15 /-</u>	<u>E02F 3 /-</u>	<u>E21B 34 /-</u>	<u>F03D 7 /-</u>	
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2019388130	<u>C25B 9 /-</u>	<u>E02F 9 /-</u>		<u>F03D 80 /-</u>	2023219967
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2018393045		<u>E04B 1 /-</u>			
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	2019334898	2024204596	2019376162	<u>F04B 41 /-</u>	2020336813
<u>C12P 21 /-</u>			2019383469		
	<u>C40B 40 /-</u>	<u>E04B 5 /-</u>	2020428550	2022383394	<u>F16K 1 /-</u>
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2023203121	<u>D01D 13 /-</u>	<u>E04C 2 /-</u>	2021459483	2022383394	<u>F16K 31 /-</u>
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		2024204596	<u>E21B 7 /-</u>		
2019415387	<u>D01D 5 /-</u>				
2020221031		<u>E04D 13 /-</u>	2021247093	2022383394	<u>F16L 1 /-</u>
<u>C12Q 1 /-</u>	2020322639	2024204596		<u>F04C 18 /-</u>	2019383469
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	2019438521				

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<u>F21V 21 /-</u>	2019368348	<u>G01J 3 /-</u>	2019380299	<u>G05B 11 /-</u>	2020314384
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<u>F21V 5 /-</u>	<u>F25C 3 /-</u>	<u>G01L 1 /-</u>	2019390733	<u>G05B 13 /-</u>	2019419934
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<u>F21W 131 /-</u>	<u>F25D 23 /-</u>	<u>G01L 17 /-</u>	2020466790	<u>G05B 19 /-</u>	2019272047
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<u>F21Y 105 /-</u>	<u>F25D 29 /-</u>	<u>G01M 5 /-</u>	2021327851	<u>G05D 1 /-</u>	2023251542
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<u>F21Y 115 /-</u>	<u>F25J 1 /-</u>	<u>G01M 9 /-</u>	2023201547	2021432630	2024204114
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<u>F23C 3 /-</u>	2023413829	2023272986	2024203745	2020402602	<u>G06T 5 /-</u>
2022318600	<u>F42B 3 /-</u>	2024200060	2024203746	<u>G06F 21 /-</u>	2021476731
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<u>F23D 1 /-</u>	2019318097	<u>G01N 21 /-</u>	2019390733	2023203642	2024204114
2018256499	2023216816	2019396614	2021306678	<u>G06F 3 /-</u>	<u>G06T 7 /-</u>
<u>F23D 14 /-</u>	<u>G01B 11 /-</u>	2022244737	2023331396	2022258962	2019344592
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<u>F23L 7 /-</u>	2022379575	2019341638	2020202102	2020221451	<u>G06V 10 /-</u>
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<u>F24F 11 /-</u>	2020280807	<u>G01N 30 /-</u>	<u>G02B 27 /-</u>	<u>G06F 9 /-</u>	2022377387
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		<u>G01N 31 /-</u>	<u>G02B 6 /-</u>	<u>G06K 19 /-</u>	2020249883
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			<u>G02B 7 /-</u>	<u>G06N 3 /-</u>	2019272047
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<u>G08G 1 /-</u>	<u>H01M 50 /-</u>	<u>H04B 7 /-</u>	2022400875	2022325270
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<u>G16H 10 /-</u>	<u>H01M 8 /-</u>	<u>H04L 1 /-</u>	2022369132	<u>H10F 71 /-</u>
2020249883	2022350648	2020282309	<u>H04W 4 /-</u>	<u>H10F 77 /-</u>
<u>G16H 20 /-</u>	2022356880	2022331674		
2024201146	2023366065	<u>H04L 12 /-</u>	2019419934	2023219984
	2023413829		2021301699	
<u>G16H 30 /-</u>	<u>H01R 13 /-</u>	2022313672	2021432630	
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2020314384	2023241287	2020310113	2023370512	
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<u>H01B 9 /-</u>	<u>H02J 15 /-</u>	<u>H04L 9 /-</u>	<u>H04W 48 /-</u>	
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<u>H01C 10 /-</u>	<u>H02J 50 /-</u>	<u>H04N 19 /-</u>	2020268160	
2020353130	2023229492	2020258987	<u>H04W 84 /-</u>	
<u>H01F 27 /-</u>	<u>H02M 7 /-</u>	2020280072	2020315411	
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<u>H01F 29 /-</u>	<u>H02P 29 /-</u>	2020354852	<u>H05B 45 /-</u>	
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2020257210	2020380147	2024200258	<u>H05B 47 /-</u>	
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2020203629	2020380147	2024204300	<u>H05H 1 /-</u>	
<u>H01H 71 /-</u>	<u>H02S 20 /-</u>	<u>H04N 21 /-</u>	2020257210	
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		<u>H04R 3 /-</u>	2023263466	

Certified Innovation Patents**Name Index**

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

(71) JAM CORPORATION PTY. LTD.
(11) AU-B-2019100403
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(54) LIFTING DEVICE
(51) Int. Cl.
 B27L 7/00 (2006.01)
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(45) 10.07.2025
(72) POLLOCK, Michael
(74) Houlihan Intellectual Property Pty Ltd

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition under Section 104(4) - Withdrawn

2017436163	Boral IP Holdings (Australia) Pty Limited (CEMENT AUSTRALIA PTY LIMITED)
2017436546	Boral IP Holdings (Australia) Pty Limited (CEMENT AUSTRALIA PTY LIMITED)

Applications Withdrawn

2019255175	Orica International Pte Ltd (Dyno Nobel Asia Pacific Pty Limited)
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Patents Granted**Standard Patents**

2017243880	2018226526	2018236267	2018241286
2018243123	2018250641	2018252546	2018256435
2018256573	2018275006	2018278998	2018309735
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2021266360	2021273642	2021277764	2021286378
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2025201145			

Assignments Registered

2005318665 Dometic GmbH The patent has been assigned to **Dometic Sweden AB**

2007278768 Klevaklip Systems Pty Ltd The patent has been assigned to **Simpson Strong-Tie Australia Pty Limited**

2009340436 Nico Corporation The patent has been assigned to **STRYKER CORPORATION**

2009345801 Nico Corporation The patent has been assigned to **STRYKER CORPORATION**

2010246459 Butler, Phillip; Wallis, Gregory The patent has been assigned to **Brindy Pty Ltd**

2010254160 AbbVie Ireland Unlimited Company The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company**

2010306760 K2M, Inc. The patent has been assigned to **STRYKER CORPORATION**

Assignments Registered

2010314966 Nico Corporation The patent has been assigned to **STRYKER CORPORATION**

2012227236 Dometic GmbH The patent has been assigned to **Dometic Sweden AB**

2012261552 Klevaklip Systems Pty Ltd The patent has been assigned to **Simpson Strong-Tie Australia Pty Limited**

2012329006 Nico Corporation The patent has been assigned to **STRYKER CORPORATION**

2013209737 NICO Corporation The patent has been assigned to **STRYKER CORPORATION**

2013247347 Ivanti, Inc. The patent has been assigned to **Ivanti Security Holdings LLC**

2014202787 Dometic GmbH The patent has been assigned to **Dometic Sweden AB**

2014228639 NICO Corporation The patent has been assigned to **STRYKER CORPORATION**

2015201117 AbbVie Ireland Unlimited Company The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company**

2015202183 AbbVie Ireland Unlimited Company The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company**

2015203723 Klevaklip Systems Pty Ltd The patent has been assigned to **Simpson Strong-Tie Australia Pty Limited**

2015268899 Aqseptence Group, Inc. The patent has been assigned to **Airvac, Inc.**

2015303210 Perora GmbH The patent has been assigned to **WÖRWAG PHARMA GMBH & CO. KG**

2015303211 Perora GmbH The patent has been assigned to **WÖRWAG PHARMA GMBH & CO. KG**

2015396177 Company Limited "NextGen" The patent has been assigned to **Artgen Inc.**

2016200576 Klevaklip Systems Pty Ltd The patent has been assigned to **Simpson Strong-Tie Australia Pty Limited**

2016204029 Dometic GmbH The patent has been assigned to **Dometic Sweden AB**

2016213808 K2M, Inc. The patent has been assigned to **STRYKER CORPORATION**

2016251062 K2M, Inc. The patent has been assigned to **STRYKER CORPORATION**

2016262747 Kewley, Douglas; Kewley, Denise The patent has been assigned to **Criska Pty Ltd**

2016277708 AbbVie Ireland Unlimited Company The patent has been assigned to **AbbVie Manufacturing Management Unlimited Company**

2016291125 K2M, Inc. The patent has been assigned to **STRYKER CORPORATION**

2016304021 Aqseptence Group, Inc. The patent has been assigned to **Airvac, Inc.**

Assignments Registered

2016354484 NICO Corporation The patent has been assigned to **STRYKER CORPORATION**

2016371248 X TEC Pty Ltd The patent has been assigned to **ICON23 Pty Ltd**

2017232062 NICO Corporation The patent has been assigned to **STRYKER CORPORATION**

2017264947 MBL International Corp. The patent has been assigned to **Medical & Biological Laboratories Co., Ltd.**

2017369207 TME Pharma AG The patent has been assigned to **APTARION Biotech AG**

2018201248 Klevaklip Systems Pty Ltd The patent has been assigned to **Simpson Strong-Tie Australia Pty Limited**

2018203807 Nico Corporation The patent has been assigned to **STRYKER CORPORATION**

2018211923 Evermore United S.A. The patent has been assigned to **Nextracker LLC**

2018253529 Klevaklip Systems Pty Ltd The patent has been assigned to **Simpson Strong-Tie Australia Pty Limited**

2018298219 K2M, Inc. The patent has been assigned to **STRYKER CORPORATION**

2018342606 K2M, Inc. The patent has been assigned to **STRYKER CORPORATION**

2018363156 Complete Group Technologies Ltd. The patent has been assigned to **Star Valley Energy Technologies, LLC**

2019200489 NICO Corporation The patent has been assigned to **STRYKER CORPORATION**

2019204573 Varco I/P, Inc. The patent has been assigned to **Grant Prideco, Inc.**

2019267827 K2M, Inc. The patent has been assigned to **STRYKER CORPORATION**

2019276832 Tavanta Therapeutics Hungary Incorporated The patent has been assigned to **Tavanta Therapeutics, Inc.**

2019279916 Gea Farm Technologies GmbH The patent has been assigned to **Laporte Uribe, José**

2019280691 K2M, Inc. The patent has been assigned to **STRYKER CORPORATION**

2021218183 Aqseptence Group, Inc. The patent has been assigned to **Airvac, Inc.**

2021282552 NICO Corporation The patent has been assigned to **STRYKER CORPORATION**

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.

2009238175 **Arbutus Biopharma Corporation**

The earliest first regulatory approval date provided by the patentee 09 Aug 2021

For the goods SPIKEVAX elasomeran

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2017299673 **Janssen Biotech, Inc.**

The earliest first regulatory approval date provided by the patentee 26 Sep 2024

For the goods TALVEY talquetamab

Extension of Term of patent pursuant to Section 77 expires on 26 Jul 2039

Corrigenda

In Vol 36 , No 8 , Page(s) 1051 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Aero Manufacturing Ltd., Application No. 2020311304, under INID (71) correct the applicant name to Aerow Manufacturing Ltd.

In Vol 59 , No 12 , Page(s) 1717 under the heading **Applications Accepted - Name Index** Under the name LG Electronics Inc., Application No. 2023446722, under INID (54) correct the title to read METHOD FOR PREPARING BATTERY-GRADE NICKEL-COBALT-MANGANESE SULFATE SOLUTION FROM LOW NICKEL MATTE

In Vol 59 , No 16 , Page(s) 2235 under the heading **Amendments - Amendments Made** Please delete all reference to 2018368709

In Vol 59 , No 17 , Page(s) 2399 under the heading **Assignments Before Grant, Section 113 - 2021** The new Patentee Name should read Bioneer Corporation

In Vol 59 , No 23 , Page(s) 3369 under the heading **Applications Accepted - Name Index** Under the name Precision Planting LLC, Application No. 2024204519, under INID (72) correct the co-inventors to read STRNAD, Michael; KATER, Timothy; KOCH, Dale M.; MINARICH, Nicholas; and LITWILLER, Riley.

Specifications Republished

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

2019333018	Acergy France SAS
2020219401	Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek TNO
2020219803	The USA, as represented by the Secretary, Department of Health and Human Services; University of Washington
2020249854	Daicel Corporation
2020270776	Viking Arm AS
2021255043	Medivir AB
2021304254	MetrioPharm AG
2023210591	Fundació Hospital Universitari Vall d'hebron - Institut de Recerca