



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Enduroco Pty Ltd v Bus IP Holdings Pty Ltd [2025] APO 29

Patent Application:	2018231941
Title:	Modification of a two-wheel drive vehicle for improved ground clearance and/or traction
Patent Applicant:	Bus IP Holdings Pty Ltd
Opponent:	Enduroco Pty Ltd
Delegate:	Greg Powell
Decision Date:	10 September 2025
Hearing Date:	Written submissions filed on 11 June 2025
Catchwords:	PATENTS – section 59 – final determination – the amendment has not overcome the ground of opposition of lack of support – no possible amendment could overcome the ground – application refused – no award of costs
Representation:	Patent attorney for the applicant: Andy Mukherji and Paul Jones of MBIP Patent attorney for the opponent: Davies Collison Cave Pty Ltd

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 2 Sep 2025 .

(71) Akhondi, E. (21) 2025904111 (22) 05.09.2025 (54) Membrane#Mediated Oxygenation Systems and Processes for Composting Organic and Green Waste	(71) Baars, G. (21) 2025904070 (22) 03.09.2025 (54) System and Method for Hyper-Granular Division, Encryption, Decryption, and Reassembly of Digital Data.	(71) Breville Pty Limited (21) 2025904113 (22) 05.09.2025 (54) An appliance
(71) Alcoa of Australia Limited (21) 2025904068 (22) 03.09.2025 (54) Water treatment process	(71) Baars, G. (21) 2025904150 (22) 07.09.2025 (54) System and Method for Overlay Management of Digital Data Operations	(71) Brock, D. (21) 2025904115 (22) 05.09.2025 (54) AN AQUATIC SAFETY DEVICE
(71) Al-Sattouf, E. (21) 2025904179 (22) 09.09.2025 (54) ADJUSTABLE CONTAINER	(71) Basavarajappa, A.; SUSTAINAIBLER R & D PTY LTD (21) 2025904161 (22) 08.09.2025 (54) RezonX - Meta Resonant Cognitive Stack (MRCS)": A Foundational Framework Integrating RezonX, Knot Framework, YODIS and S-ARC for Resonance-Driven, Belief-Preserving and Governance-Aligned Artificial Intelligence	(71) Brooks, T. (21) 2025904072 (22) 04.09.2025 (54) Internal Retrofit Non-Return Valve for Pool Skimmer Boxes
(71) Anderson, J. (21) 2025904066 (22) 03.09.2025 (54) Systems and Methods for Semantic Execution with Coherence Preservation	(71) Borsani, A. (21) 2025904105 (22) 04.09.2025 (54) Smart intermediary device for generating digital QR code receipts with optional paper fallback printing	(71) Brown, R. (21) 2025904146 (22) 07.09.2025 (54) Eyewear Optical Modulation System Using Stacked Liquid Crystal Cells and Angular Polarisers
(71) Anderson, R.; Painter, G.; Compton, B.; Marshall, A.; Foster, A.; Draper, S. (21) 2025904107 (22) 05.09.2025 (54) IONISABLE LIPIDS, COMPOSITIONS AND THERAPEUTIC USES	(71) Brazil, N. (21) 2025904129 (22) 05.09.2025 (54) Bed temperature regulating system	(71) Brown, G. (21) 2025904149 (22) 07.09.2025 (54) Sequential Release Bolus and Methods for Treating Anthelmintic-Resistant Gastrointestinal Nematodes in Ruminants
(71) Anni Co Pty Ltd (21) 2025904148 (22) 07.09.2025 (54) System and Method for AI-Based Health Wellbeing Discovery and Professional Expert Matching	(71) Brent Robertson; The Pot Halo Pty Ltd (21) 2025904114 (22) 05.09.2025 (54) The Pot Halo – An adjustable support system for suspending nursery pots within decorative feature pots using interlocking reducer rings, locking split-pin, and ventilation slots.	(71) Bucceri, A. (21) 2025904183 (22) 09.09.2025 (54) Conveying device for snow and granular materials
(71) ATLAN STORMWATER PTY LTD (21) 2025904158 (22) 08.09.2025 (54) A GROSS POLLUTANT TRAP FOR USE WITH A STORMWATER PIT		(71) Caledonia SA Pty Ltd (21) 2025904127 (22) 05.09.2025 (54) DUST EXTRACTOR FOR A POWER TOOL
(71) Australia Travel Safe Pty Ltd; STANLEY, I. (21) 2025904053 (22) 03.09.2025 (54) SomnoEar™: The Science of Sound Sleep		(71) CARDIO LIFE MEDTECH PTY LTD (21) 2025904075 (22) 04.09.2025 (54) BLOOD PUMP APPARATUS

Provisional Applications Filed - Name Index cont'd

(71) Caroma Industries Limited
(21) 2025904174 (22) 09.09.2025
(54) Surface drain

(71) Celosia Therapeutics Pty Ltd
(21) 2025904121 (22) 05.09.2025
(54) Optimized TDP-43 targeting vector and uses thereof

(71) Celosia Therapeutics Pty Ltd
(21) 2025904125 (22) 05.09.2025
(54) AAV transfer plasmid

(71) Chan, L.Y.S.
(21) 2025904064 (22) 03.09.2025
(54) An Optical Network

(71) CJs Cablectrics Jointing Pty Ltd
(21) 2025904134 (22) 06.09.2025
(54) Plug Lever for installing Medium Voltage Insulated Plugs on Cable Terminations

(71) CleanSpace Technology Pty Ltd
(21) 2025904122 (22) 05.09.2025
(54) Loose Fitting Facepiece for a Breath-Responsive Powered Air Purifying Respirator

(71) Cleo Diagnostics Ltd
(21) 2025904123 (22) 05.09.2025
(54) Methods of detecting and/or diagnosing a malignant condition

(71) Cleverpanel Industries Pty Ltd
(21) 2025904062 (22) 03.09.2025
(54) Lightweight Modular Precast Wall Panels and Moulding System

(71) Clifton Investments National Pty Ltd t/as Western Roofing Solutions
(21) 2025904165 (22) 08.09.2025
(54) Carrier Apparatus for Transporting and Unloading Loads

(71) Clutch Industries Pty Ltd
(21) 2025904098 (22) 04.09.2025
(54) AN ELECTRIC VESSEL

(71) Cohan, M.
(21) 2025904056 (22) 03.09.2025
(54) Apparatus and method for ultrafast spectral detection of fast-moving metallic aerial objects

(71) Compnd Pty Ltd
(21) 2025904091 (22) 04.09.2025
(54) FREESTANDING BATH

Compton, B. see Anderson, R.
(21) 2025904107

(71) Croft, T.
(21) 2025904097 (22) 04.09.2025
(54) Killing pathogens inside human cells

Dadhwal, S. see Donaghys Limited
(21) 2025904078

(71) Delgado Aguilar, D.
(21) 2025904141 (22) 06.09.2025
(54) Extended Applications of Electromagnetic-Gravitational Coupling Systems

(71) Donaghys Limited; Dadhwal, S.; Marfell, J.
(21) 2025904078 (22) 04.09.2025
(54) ANTI-PARASITIC FORMULATIONS

Draper, S. see Anderson, R.
(21) 2025904107

(71) Duffy, M.
(21) 2025904160 (22) 08.09.2025
(54) Multi-Compartment Industrial Backpack

(71) Dulieu, R.
(21) 2025904110 (22) 05.09.2025
(54) Base for a dental prosthesis

(71) Electric Power Conversions Australia Pty Ltd
(21) 2025904084 (22) 04.09.2025
(54) Active Cooling System For Cooling The Electric Powertrain And Existing Heat Exchangers Of An Electric Vehicle

(71) Electric Power Conversions Australia Pty Ltd
(21) 2025904085 (22) 04.09.2025
(54) Hydraulic Transmission Shift Control Of Electric Off-Road Truck

(71) Electric Power Conversions Australia Pty Ltd
(21) 2025904087 (22) 04.09.2025
(54) Regenerative Braking System Integrated Into Retarding Braking System Of Off-Road Trucks

(71) Equipment Placement Group Pty Ltd
(21) 2025904152 (22) 08.09.2025
(54) An electrical cable logistics management system for an industrial worksite

(71) Erkocu, H.
(21) 2025904132 (22) 06.09.2025
(54) BackToVoice (BTV) is a lightweight eco-system for media creation, playback, and secure distribution. It replaces heavy audio/video with text-first containers (A-E) that enable instant preview, live edits, cloudless page publishing, and offline/mobile playback. A novel TTS-to-Singing engine converts lyrics into phonemes, generates speech via TTS, and transforms it into singing with pitch, vibrato, and phrasing, producing instant song-specific vocals without training or cloning.

(71) Excellerate Pty Ltd
(21) 2025904126 (22) 05.09.2025
(54) Composition

(71) ExteRNA Pty Ltd
(21) 2025904176 (22) 09.09.2025
(54) Anti-cancer compounds

(71) Ferrier Industrial Limited
(21) 2025904173 (22) 09.09.2025
(54) Engineered Timber Panel Manufacturing Method

(71) Fitzgerald, M.
(21) 2025904172 (22) 09.09.2025
(54) Eco-Friendly Multi-Tool Paint Cleaning Station with Integrated Filtration and Water Recirculation

(71) Five At Heart Pty Ltd
(21) 2025904184 (22) 09.09.2025
(54) LOCKER ASSEMBLY AND CHANGE ROOM

Foster, A. see Anderson, R.
(21) 2025904107

(71) Genger, T.
(21) 2025904167 (22) 09.09.2025
(54) System and Method for Cross-Platform Livestream Aggregation with Real-Time AI-Driven Detection and Flagging of Emergent Social Events and User Tagging

(71) Global Fluidics Pty Ltd
(21) 2025904099 (22) 04.09.2025
(54) Process for managing fluids

(71) Grabe, P.; Harvey, S.
(21) 2025904082 (22) 04.09.2025
(54) DATA COMMUNICATIONS NETWORK AND METHOD FOR EVALUATING DYNAMIC MOTION EVENTS

Provisional Applications Filed - Name Index cont'd

(71) Growth Accelerant
(21) 2025904090 (22) 04.09.2025
(54) AI-Powered Collaborative Decision-Making System with Real-Time Voting and Co-Browsing

(71) Haberle, G.
(21) 2025904057 (22) 03.09.2025
(54) SMART FASTENING DEVICE

Harvey, S. see Grabe, P.
(21) 2025904082

(71) Hermal Bio Energy International Pty Ltd
(21) 2025904077 (22) 04.09.2025
(54) BIO-CHAR AS A BIO-ACTIVATED CARBON CATALYST OR CATALYST SUPPORT

(71) Hive Chilling IP Pty Ltd
(21) 2025904162 (22) 08.09.2025
(54) MATERIAL PROCESSING SYSTEM

(71) Insera Labs Pty Ltd
(21) 2025904153 (22) 08.09.2025
(54) Blister Pack Tablet Deblistering Machine

(71) Jayatilake, L.
(21) 2025904177 (22) 09.09.2025
(54) System and Method for Coordinating On-Demand Healthcare Services

(71) Johnson, A.
(21) 2025904143 (22) 06.09.2025
(54) The EntroVault is a pressure-driven supercapacitor containment system designed to integrate with passive energy harvesting structures, such as EntroScrew and EntroFoundation. It captures, stabilises, and discharges energy generated through pressure displacement and entropy capture mechanisms. Unlike conventional batteries, it employs modular supercapacitor banks, bus-bar integration, and pressure-optimised housing to provide high-efficiency, long-life energy storage with minimal degradation.

(71) Johnson, B.
(21) 2025904166 (22) 08.09.2025
(54) A Portable Platform for Grounding Detection, Logging, and Feedback

(71) JPH3 Pty Ltd
(21) 2025904155 (22) 08.09.2025
(54) STEERING CONTROL ARRANGEMENT FOR ROAD TRAIN DOLLY

(71) Katana Foundations Australia Pty Ltd
(21) 2025904157 (22) 08.09.2025
(54) Adjustable Bearer Plate Assembly

(71) Khoury, G.
(21) 2025904170 (22) 09.09.2025
(54) This provisional patent is part of the DUIN Orchestration System family (U.S. filed Aug 27, 2025; AU filed Aug 28, 2025; U.S. filed Sept 1, 2025), expanding the scope to cover the Trust Grid™ architecture, DUIN + Consent Vault, and modular trust layers (Claim-Score, TrustScore, Ghost ID, Motion-Rank, etc.).

(71) Kode Biotech Limited
(21) 2025904120 (22) 05.09.2025
(54) PREPARATIVE SCALE METHOD

(71) KORAWAI LIMITED
(21) 2025904063 (22) 03.09.2025
(54) Systems, Devices, and Methods for Animal Welfare

(71) Lister, F.
(21) 2025904080 (22) 04.09.2025
(54) "Detection and Modulation of Oxidative Dysfunction in the Human MRS2 Magnesium Channel"

(71) Lorraway, S.K.
(21) 2025904059 (22) 03.09.2025
(54) Mining safety device

(71) Macdonald, J.
(21) 2025904076 (22) 04.09.2025
(54) Thermal Atomising Nozzle for Generating a Tunable Mixture of Microbubbles, Nanobubbles, and Aerosols

(71) Macnaught Pty Ltd
(21) 2025904109 (22) 05.09.2025
(54) Drum Mountable Grease Pump

(71) Macquarie University
(21) 2025904043 (22) 02.09.2025
(54) A DEVICE FOR REAL-TIME MOTION TRACKING OF OBJECTS IN A THREE DIMENSIONAL SCENE

(71) Manning, M.
(21) 2025904060 (22) 03.09.2025
(54) SYSTEM AND METHOD FOR AUTOMATED TILING OF DIGITAL IMAGES INTO PRINTABLE TILES

(71) Maramba, J.
(21) 2025904050 (22) 02.09.2025
(54) SYSTEM AND METHOD FOR REAL-TIME CONVERSION OF ACOUSTIC

INSTRUMENT PERFORMANCE TO SYNCHRONIZED ARTIFICIAL VOCAL OUTPUT

(71) Maramba, J.
(21) 2025904065 (22) 03.09.2025
(54) SYSTEM AND METHOD FOR REAL-TIME AVATAR GENERATION AND CROSS-PLATFORM DISPLAY SYNCHRONIZED TO INSTRUMENTAL MUSICAL PERFORMANCE

(71) marechal, f.
(21) 2025904069 (22) 03.09.2025
(54) magnetic net to cover council and wheelie bin to stop fly and pest to enter the bin

Marfell, J. see Donaghys Limited
(21) 2025904078

Marshall, A. see Anderson, R.
(21) 2025904107

(71) Medlock, B.
(21) 2025904133 (22) 06.09.2025
(54) Tesselon Phase-Shifted Node Architecture for Interlaced Lattice Computation

(71) Minelab Electronics Pty. Limited
(21) 2025904104 (22) 04.09.2025
(54) AN IMPROVED METAL DETECTOR

(71) MitoQ Limited
(21) 2025904106 (22) 05.09.2025
(54) IMPROVED FORMULATIONS

(71) Monash University
(21) 2025904094 (22) 04.09.2025
(54) CaMKK2 inhibitors

(71) Moulton, D.
(21) 2025904044 (22) 02.09.2025
(54) Driver Speed Compliance Advisory System with Integrated Penalty Display

(71) Moyo, B.
(21) 2025904130 (22) 05.09.2025
(54) "Spline Shank Mixer Attachment for Jackhammers for Efficient Material Mixing in High-Vibration Environments" Why it works: Clearly identifies the device (spline shank mixer attachment). Specifies the tool it attaches to (jackhammers). Highlights the purpose/benefit (efficient mixing in high-vibration environments).

Provisional Applications Filed - Name Index cont'd

(71) Multiskilled Resources Australia Pty Ltd
(21) 2025904081 (22) 04.09.2025
(54) Systems and methods for visually depicting a stockyard

(71) MUNIGANTI, N.R.
(21) 2025904100 (22) 04.09.2025
(54) Method that allows to adjust the Movie Rating (downgrading) and provide Next-Gen AI-driven advance parental controls

(71) Murphy, W.
(21) 2025904071 (22) 03.09.2025
(54) ShowerLoop: Portable, Non-Plumbed Dual-Tank Recirculating Shower Accessory with Air-Gapped Top-Ups and Passive Overflow Control

(71) Ndolo, R.
(21) 2025904131 (22) 05.09.2025
(54) Propellant-Free Magnetic Propulsion System Utilising Internal Momentum Redistribution

(71) NewSouth Innovations Pty Limited
(21) 2025904092 (22) 04.09.2025
(54) Lipid nanoparticles for siRNA delivery

(71) NewSouth Innovations Pty Limited
(21) 2025904117 (22) 05.09.2025
(54) The application of Xylylenediamine series single crystals in perovskite photovoltaic

(71) Nuventra Pty Ltd
(21) 2025904124 (22) 05.09.2025
(54) VEHICLE AWARENESS LASER PROJECTION (VALP) SYSTEMS AND METHODS

(71) oh, y.
(21) 2025904147 (22) 07.09.2025
(54) Running Pacemaker Smart Guide

(71) On Vol Pty Ltd
(21) 2025904061 (22) 03.09.2025
(54) Image-Based Rotational Tracking and Integrity Assessment of Rotating Wind Turbine Components

(71) On Vol Pty Ltd
(21) 2025904095 (22) 04.09.2025
(54) Acoustic sensor array system for wind farm noise mapping and condition monitoring of wind turbines

(71) Page, M.
(21) 2025904054 (22) 03.09.2025
(54) A system and method for managing multiple conversational AI personas,

each maintaining distinct contextual memory, behavioral rules, and interaction styles. The invention enables dynamic switching between personas within a single platform, preserving separate histories, preferences, and workflows. Integration with customizable voice interfaces allows differentiated audio output per persona. The system provides unified coordination across text and voice channels, supporting flexible user control and multi-role task execution.

Painter, G. see Anderson, R.
(21) 2025904107

(71) Pandzzz Pty Ltd
(21) 2025904151 (22) 08.09.2025
(54) Apparatus for Cutting Hair

(71) Phillips, P.
(21) 2025904144 (22) 06.09.2025
(54) SizeUp AI – Artificial Intelligence-Assisted Incident Size-Up System for First Responders

(71) Pound, R.
(21) 2025904103 (22) 04.09.2025
(54) Systems and Methods for Real-Time Fluid Instability Detection Using Conditional Navier-Stokes Regularity Analysis and Misalignment-Flux Absorption Criteria

(71) Powa Corporation Pty Ltd
(21) 2025904180 (22) 09.09.2025
(54) Toaster

(71) Power Amigo Pty Ltd
(21) 2025904178 (22) 09.09.2025
(54) SYSTEM AND METHOD MONITORING AND REPORTING PERFORMANCE OF ONE OR MORE SOLAR PANEL STRING

(71) Psychology Network Pty Ltd
(21) 2025904135 (22) 06.09.2025
(54) A Safe AI Alignment Architecture with Dynamic Rule Revision and Hot Reloading

(71) Quigley, S.
(21) 2025904136 (22) 06.09.2025
(54) Over-Toilet Aid with Integrated Hygiene Functions

(71) Radchik, A.
(21) 2025904051 (22) 02.09.2025
(54) A special type of of submersible/semi-submersible dry dock for capturing icebergs in situ. The ice transport vessel

is designed to capture icebergs by surfacing from below through inflation conducted remotely. The ice transport vessel protects icebergs during transport through an air gap and has an internal volume designed to cradle the iceberg during transport as well as collect melt water as it forms. It is also a method and system of capture and distribution of melt water to shore via lay flat pipe.

(71) Rankin, C.
(21) 2025904101 (22) 04.09.2025
(54) Systems and Methods for Predicting and Managing Conveyor Idler Failures Using Artificial Intelligence and Video Analytics

(71) RecipeSnap Pty Ltd
(21) 2025904067 (22) 03.09.2025
(54) Receipt alignment and scanning device for pantry inventory management

(71) RemBind Pty Ltd
(21) 2025904175 (22) 09.09.2025
(54) TREATMENT OF CONTAMINATED POROUS WASTE MATERIALS

RESMED ASIA PTE. LTD. see RESMED PTY LTD
(21) 2025904074

RESMED ASIA PTE. LTD. see RESMED PTY LTD
(21) 2025904079

RESMED ASIA PTE. LTD. see RESMED PTY LTD
(21) 2025904159

(71) RESMED PTY LTD; RESMED ASIA PTE. LTD.
(21) 2025904074 (22) 04.09.2025
(54) Patient Interface

(71) RESMED PTY LTD; RESMED ASIA PTE. LTD.
(21) 2025904079 (22) 04.09.2025
(54) Rigidised Headgear For Patient Interface

(71) RESMED PTY LTD; RESMED ASIA PTE. LTD.
(21) 2025904159 (22) 08.09.2025
(54) SYSTEM AND METHOD FOR IDENTIFYING AN EMOTIONAL OR BEHAVIOURAL STATE

Provisional Applications Filed - Name Index cont'd

(71) Ridgeway, A.
(21) 2025904189 (22) 09.09.2025
(54) Orbital Graphene Casimir-Gap Tuner for Zero-Point Energy Suppression and Energy Harvesting

(71) RIYANI, H.
(21) 2025904102 (22) 04.09.2025
(54) Computer-implemented system generating humorous or context-aware dialogue via animated avatars, recording user-AI exchanges, and auto-creating subtitled, watermarked clips for one-click social sharing. Modules include: interactive dialogue (education/entertainment), Roast-with-Host humor, Diplomatic rephrasing, Reading/Writing, Progress tracking, Narrator/Avatar selection, and Weird Mode for freeform comedic replies. Implemented real-time or server-rendered; safety filters and multi-currency membership included.

(71) RM ELLIOTT FAMILY HOLDINGS PTY LTD
(21) 2025904093 (22) 04.09.2025
(54) Mail Sorting Rack

Robertson, B. see STONE FACADE COMPANY LIMITED
(21) 2025904058

(71) Sattler, C.
(21) 2025904156 (22) 08.09.2025
(54) A Structural Connector Assembly

(71) Scott, a.
(21) 2025904052 (22) 03.09.2025
(54) Light Therapy Cap with Integrated Heat and Waterproof Lining for Treatment Compatibility

(71) Scott, a.
(21) 2025904083 (22) 04.09.2025
(54) Wearable Light and/or Heat Therapy Device with Protective Liner System

(71) Scott, a.
(21) 2025904119 (22) 05.09.2025
(54) Waterproof Red Light Therapy Device for Topical Skincare Treatments

(71) Scott, a.
(21) 2025904191 (22) 09.09.2025
(54) Therapeutic scalp device with waterproof lining, integrated heating module, and LED system

(71) Sheehan, Z.
(21) 2025904137 (22) 06.09.2025
(54) A computer-implemented system for mental health support that recycles

consented lived-experience data into an AI empathy engine. The invention includes modules for consent management, anonymisation, moderation, tagging, and storage of user contributions in a structured Empathy Library. Future chatbot responses are generated by retrieving relevant anonymised entries, ensuring non-clinical, clinically informed support. The system emphasises prevention, intervention, and minimisation (PIM) of mental health impacts.

(71) Shepherdson, B.
(21) 2025904045 (22) 02.09.2025
(54) System and Mounting Bracket for Providing Auxiliary Attachment Points in Underground Mining

(71) Solar Consultants Pty Ltd
(21) 2025904118 (22) 05.09.2025
(54) Kneeling chair

(71) Southpaw Industries Pty. Ltd.
(21) 2025904128 (22) 05.09.2025
(54) A DEBRIS AND LEAF MATTER COLLECTION BASKET FOR A POOL OR SPA

(71) Stalwart Protective Technologies Pty Ltd
(21) 2025904108 (22) 05.09.2025
(54) FIRE RETARDANT/TERMICIDE/FUNGICIDE COMPOSITIONS AND PROCESSES

STANLEY, I. see Australia Travel Safe Pty Ltd
(21) 2025904053

(71) Stewart, A.
(21) 2025904142 (22) 06.09.2025
(54) Disposable ambidextrous tissue sheath for male post-urination fluid containment

(71) STONE FACADE COMPANY LIMITED; Robertson, B.
(21) 2025904058 (22) 03.09.2025
(54) Apparatus, System and Method for Retaining and Alignment of Adjacent Panels

SUSTAINAIBLER R & D PTY LTD see Basavarajappa, A.
(21) 2025904161

(71) SWARD, A.D.
(21) 2025904171 (22) 09.09.2025
(54) A product with surprise action

(71) Swinburne University of Technology
(21) 2025904163 (22) 08.09.2025
(54) BIOCOMPOSITE MATERIAL AND PROCESSES OF MANUFACTURE

The Pot Halo Pty Ltd see Brent Robertson
(21) 2025904114

(71) The University of Adelaide; University Court of The University of St Andrews
(21) 2025904096 (22) 04.09.2025
(54) SENSING METHOD AND SYSTEM

(71) The University of Adelaide
(21) 2025904154 (22) 08.09.2025
(54) METHOD FOR CORONARY ARTERY BLOOD FLOW ANALYSIS

(71) The University of Melbourne
(21) 2025904088 (22) 04.09.2025
(54) Image segmentation method

(71) The University of Melbourne
(21) 2025904164 (22) 08.09.2025
(54) Methods and systems for monitoring fetal health

(71) The University of Sydney
(21) 2025904049 (22) 02.09.2025
(54) Targeted hyperspectral horizon scanning system

(71) Towner, C.
(21) 2025904145 (22) 06.09.2025
(54) Stretch Fit Wheelie Bin Lid Cover to suit Council Bins - To Prevent Flies & Maggots.

(71) Tribotech Pty Ltd
(21) 2025904140 (22) 06.09.2025
(54) A conveyor roller manufacturing methodology

(71) Tyup Pty Ltd
(21) 2025904047 (22) 02.09.2025
(54) ELECTRICAL CABLE HOLDER AND ASSOCIATED METHOD

University Court of The University of St Andrews see The University of Adelaide
(21) 2025904096

(71) University of the Sunshine Coast
(21) 2025904086 (22) 04.09.2025
(54) Composition for Altering the Bacterial Communities on Cultures of Algae and/or Aquatic Plants

Provisional Applications Filed - Name Index cont'd

(71) Visy R & D Pty Ltd
(21) 2025904073 (22) 04.09.2025
(54) A blank For A Spoilage Retarding Box

(71) Vosper, D.
(21) 2025904112 (22) 05.09.2025
(54) "Abiogenesis Gate Law: A Digital Framework for Predicting and Simulating Life Persistence"

(71) Vosper, D.
(21) 2025904138 (22) 06.09.2025
(54) Title: Universal Cancer Cure Framework Based on Gate-Law Principles Abstract: The invention provides a programmable framework for treating cancer using Gate-Law persistence logic. It integrates starvation of tumors, selective predation of malignant clones, debris recycling into healing pathways, adaptive retargeting, and sanctuary-site access into a universal operating system for cure. The system is implemented through engineered biological or synthetic effectors with logic-gated specificity, environmental gating, self-extinction, and immune hand-off.

(71) Vosper, D.
(21) 2025904139 (22) 06.09.2025
(54) Extended Abiogenesis Gate Law: Persistence System for Synthetic Life.

(71) Welldon Plumbing Pty Ltd
(21) 2025904055 (22) 03.09.2025
(54) Drain Cover

(71) Wicker IP Royalties Pty Ltd
(21) 2025904089 (22) 04.09.2025
(54) Smart Pool

(71) XEFCO PTY LTD
(21) 2025904169 (22) 09.09.2025
(54) System and Method for Colouring Textiles

(71) Zhao, H.
(21) 2025904116 (22) 05.09.2025
(54) ANTI-UAV NET AMMUNITION AND METHOD OF LAUNCHING THE AMMUNITION

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2025904043	Macquarie University	2025904111	Akhondi, E.
2025904044	Moulton, D.	2025904112	Vosper, D.
2025904045	Shepherdson, B.	2025904113	Breville Pty Limited
2025904047	Tyup Pty Ltd	2025904114	Brent Robertson; The Pot Halo Pty Ltd
2025904049	The University of Sydney	2025904115	Brock, D.
2025904050	Maramba, J.	2025904116	Zhao, H.
2025904051	Radchik, A.	2025904117	NewSouth Innovations Pty Limited
2025904052	Scott, a.	2025904118	Solar Consultants Pty Ltd
2025904053	Australia Travel Safe Pty Ltd; STANLEY, I.	2025904119	Scott, a.
2025904054	Page, M.	2025904120	Kode Biotech Limited
2025904055	Welldon Plumbing Pty Ltd	2025904121	Celosia Therapeutics Pty Ltd
2025904056	Cohan, M.	2025904122	CleanSpace Technology Pty Ltd
2025904057	Haberle, G.	2025904123	Cleo Diagnostics Ltd
2025904058	STONE FACADE COMPANY LIMITED; Robertson, B.	2025904124	Nuventra Pty Ltd
2025904059	Lorraway, S.K.	2025904125	Celosia Therapeutics Pty Ltd
2025904060	Manning, M.	2025904126	Excellerate Pty Ltd
2025904061	On Vol Pty Ltd	2025904127	Caledonia SA Pty Ltd
2025904062	Cleverpanel Industries Pty Ltd	2025904128	Southpaw Industries Pty. Ltd.
2025904063	KORAWAI LIMITED	2025904129	Brazil, N.
2025904064	Chan, L.Y.S.	2025904130	Moyo, B.
2025904065	Maramba, J.	2025904131	Ndolo, R.
2025904066	Anderson, J.	2025904132	Erkocu, H.
2025904067	RecipeSnap Pty Ltd	2025904133	Medlock, B.
2025904068	Alcoa of Australia Limited	2025904134	CJs Cablectrics Jointing Pty Ltd
2025904069	marechal, f.	2025904135	Psychology Network Pty Ltd
2025904070	Baars, G.	2025904136	Quigley, S.
2025904071	Murphy, W.	2025904137	Sheehan, Z.
2025904072	Brooks, T.	2025904138	Vosper, D.
2025904073	Visy R & D Pty Ltd	2025904139	Vosper, D.
2025904074	RESMED PTY LTD; RESMED ASIA PTE. LTD.	2025904140	Tribotech Pty Ltd
2025904075	CARDIO LIFE MEDTECH PTY LTD	2025904141	Delgado Aguilar, D.
2025904076	Macdonald, J.	2025904142	Stewart, A.
2025904077	Hermal Bio Energy International Pty Ltd	2025904143	Johnson, A.
2025904078	Donaghys Limited; Dadhwal, S.; Marfell, J.	2025904144	Phillips, P.
2025904079	RESMED PTY LTD; RESMED ASIA PTE. LTD.	2025904145	Towner, C.
2025904080	Lister, F.	2025904146	Brown, R.
2025904081	Multiskilled Resources Australia Pty Ltd	2025904147	oh, y.
2025904082	Grabe, P.; Harvey, S.	2025904148	Anni Co Pty Ltd
2025904083	Scott, a.	2025904149	Brown, G.
2025904084	Electric Power Conversions Australia Pty Ltd	2025904150	Baars, G.
2025904085	Electric Power Conversions Australia Pty Ltd	2025904151	Pandzzz Pty Ltd
2025904086	University of the Sunshine Coast	2025904152	Equipment Placement Group Pty Ltd
2025904087	Electric Power Conversions Australia Pty Ltd	2025904153	Insera Labs Pty Ltd
2025904088	The University of Melbourne	2025904154	The University of Adelaide
2025904089	Wicker IP Royalties Pty Ltd	2025904155	JPH3 Pty Ltd
2025904090	Growth Accelerant	2025904156	Sattler, C.
2025904091	Compnd Pty Ltd	2025904157	Katana Foundations Australia Pty Ltd
2025904092	NewSouth Innovations Pty Limited	2025904158	ATLAN STORMWATER PTY LTD
2025904093	RM ELLIOTT FAMILY HOLDINGS PTY LTD	2025904159	RESMED PTY LTD; RESMED ASIA PTE. LTD.
2025904094	Monash University	2025904160	Duffy, M.
2025904095	On Vol Pty Ltd	2025904161	Basavarajappa, A.; SUSTAINAIBLER R & D PTY LTD
2025904096	The University of Adelaide; University Court of The University of St Andrews	2025904162	Hive Chilling IP Pty Ltd
2025904097	Croft, T.	2025904163	Swinburne University of Technology
2025904098	Clutch Industries Pty Ltd	2025904164	The University of Melbourne
2025904099	Global Fluidics Pty Ltd	2025904165	Clifton Investments National Pty Ltd t/as Western Roofing Solutions
2025904100	MUNIGANTI, N.R.	2025904166	Johnson, B.
2025904101	Rankin, C.	2025904167	Genger, T.
2025904102	RIYANI, H.	2025904169	XEFCO PTY LTD
2025904103	Pound, R.	2025904170	Khoury, G.
2025904104	Minelab Electronics Pty. Limited	2025904171	SWARD, A.D.
2025904105	Borsani, A.	2025904172	Fitzgerald, M.
2025904106	MitoQ Limited	2025904173	Ferrier Industrial Limited
2025904107	Anderson, R.; Painter, G.; Compton, B.; Marshall, A.; Foster, A.; Draper, S.	2025904174	Caroma Industries Limited
2025904108	Stalwart Protective Technologies Pty Ltd	2025904175	RemBind Pty Ltd
2025904109	Macnaught Pty Ltd	2025904176	ExteRNA Pty Ltd
2025904110	Dulieu, R.	2025904177	Jayatilake, L.
		2025904178	Power Amigo Pty Ltd

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2025904179	Al-Sattouf, E.
2025904180	Powa Corporation Pty Ltd
2025904183	Bucceri, A.
2025904184	Five At Heart Pty Ltd
2025904189	Ridgeway, A.
2025904191	Scott, a.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 2 Sep 2025 .

. (*) Title not in Roman characters

. (**) Title not given

(71) AARDEX Group (21) 2025230656 (22) 09.09.2025 (54) Method for assisting the taking or the act of a therapeutic treatment	(71) Angel Group Co., Ltd. (21) 2025226812 (22) 05.09.2025 (54) Management system for game token coin	(71) Aristocrat Technologies Australia Pty Limited (21) 2025226815 (22) 05.09.2025 (54) GAMING SYSTEM AND METHOD IN WHICH BASE GAME PLAY AFFECTS FEATURE GAME OUTCOME
(71) ABBOTT DIABETES CARE INC. (21) 2025226770 (22) 04.09.2025 (54) Analyte sensors for sensing ketones and methods of using the same	(71) Angel Group Co., Ltd. (21) 2025230666 (22) 09.09.2025 (54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM	(71) Aristocrat Technologies Australia Pty Limited (21) 2025226821 (22) 05.09.2025 (54) SYSTEM AND METHOD FOR MANAGING DIGITAL WALLETS
(71) Abey Australia Pty Ltd (21) 2025226746 (22) 04.09.2025 (54) Improved brick ties	(71) Apple Inc. (21) 2025226778 (22) 04.09.2025 (54) Presenting avatars in three-dimensional environments	(71) Aristocrat Technologies Australia Pty Limited (21) 2025226822 (22) 05.09.2025 (54) SYSTEM AND METHOD FOR SECONDARY ENGAGEMENT WITH TABLE GAMES
(71) ABL Bio Inc. (21) 2025226709 (22) 03.09.2025 (54) ANTIBODIES TO α -SYNUCLEIN AND USES THEREOF	(71) AppViewX Inc. (21) 2025226798 (22) 05.09.2025 (54) SYSTEM AND METHOD FOR PARSING DEVICE CONFIGURATION	(71) Aristocrat Technologies Australia Pty Limited (21) 2025230658 (22) 09.09.2025 (54) SYSTEM AND METHOD FOR TICKETING AT A GAMING TABLE
(71) Adolf Wurth GmbH & Co. KG (21) 2025226768 (22) 04.09.2025 (54) Plug, wood-concrete composite element and method	(71) Arborea Ltd (21) 2025226862 (22) 09.09.2025 (54) Bioreactor device and methods	(71) Ascelia Pharma AB (21) 2025226759 (22) 04.09.2025 (54) Compressed solid composition for MRI
Agricultural Science Research Institute of the 13th Division, Xinjiang Production and Construction Corps see National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land (21) 2025226752	(71) Aristocrat Technologies, Inc. (21) 2025226681 (22) 02.09.2025 (54) SYSTEMS AND METHODS FOR PROVIDING DYNAMIC REWARDS	(71) Ascendis Pharma A/S (21) 2025226781 (22) 04.09.2025 (54) Auto injector with reconstitution handling support
(71) Alcon Inc. (21) 2025226707 (22) 03.09.2025 (54) EYE TRACKING FIXATION MONITORING SYSTEMS AND METHODS	(71) Aristocrat Technologies, Inc. (21) 2025226851 (22) 08.09.2025 (54) GAMING SYSTEMS AND METHODS HAVING INDEPENDENT SPECIAL FEATURE TRIGGER SYMBOLS	(71) Assa Abloy New Zealand Limited (21) 2025226738 (22) 04.09.2025 (54) SLIDING PANEL LOCK ASSEMBLY
(71) Allergan, Inc. (21) 2025226702 (22) 03.09.2025 (54) Methods for treatment of masseter muscle hypertrophy	(71) Aristocrat Technologies, Inc. (21) 2025226852 (22) 08.09.2025 (54) ELECTRONIC GAMING SYSTEMS AND METHODS HAVING ACTIVATABLE AND DEACTIVATABLE MATRIX POSITIONS	(71) Assa Abloy New Zealand Limited (21) 2025226739 (22) 04.09.2025 (54) SLIDING PANEL LOCK ASSEMBLY BEAK CARRIAGE
(71) ALNYLAM PHARMACEUTICALS, INC. (21) 2025230652 (22) 09.09.2025 (54) Transmembrane protease, serine 6 (TMPRSS6) iRNA compositions and methods of use thereof	(71) Aristocrat Technologies, Inc. (21) 2025226853 (22) 08.09.2025 (54) ELECTRONIC GAMING SYSTEMS INCLUDING METAMORPHIC GAME ENHANCEMENTS AND SELECTABLE BONUS GAMES	(71) Assa Abloy New Zealand Limited (21) 2025226740 (22) 04.09.2025 (54) SLIDING PANEL LOCK ASSEMBLY
(71) Angel Group Co., Ltd. (21) 2025226745 (22) 04.09.2025 (54) Game token management system		(71) Astellas Institute for Regenerative Medicine (21) 2025226799 (22) 05.09.2025

Complete Applications Filed - Name Index cont'd

(54) Improved assays for potency of human retinal pigment epithelium (RPE) cells and photoreceptor progenitors

(71) AstraZeneca AB
(21) 2025226683 (22) 03.09.2025
(54) FORMULATION COMPRISING CER-ALASERTIB

(71) Aurigene Oncology Limited
(21) 2025226775 (22) 04.09.2025
(54) Bicyclic heterocyclyl derivatives as IRAK4 inhibitors

(71) BAF Efoils Pty Ltd
(21) 2025226712 (22) 03.09.2025
(54) Hydrofoil Arrangement

(71) BALA THERAPEUTICS, INC.
(21) 2025230651 (22) 09.09.2025
(54) INHIBITORS OF MENIN-MLL INTER-ACTION

(71) Baxter Healthcare SA; Vantive US Healthcare LLC
(21) 2025226771 (22) 04.09.2025
(54) SYSTEM AND METHOD FOR PERITONEAL DIALYSIS EXCHANGES HAVING REUSABLE ENERGIZING UNIT

(71) Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
(21) 2025226747 (22) 04.09.2025
(54) FORMULATION OF CONTRAST MEDIA AND PROCESS OF PREPARATION THEREOF

(71) Bayer Healthcare LLC; Regeneron Pharmaceuticals, Inc.
(21) 2025226774 (22) 04.09.2025
(54) Extended, high dose VEGF antagonist regimens for treatment of angiogenic eye disorders

Bayer Pharma Aktiengesellschaft see Bayer Aktiengesellschaft
(21) 2025226747

(71) Baylor College of Medicine
(21) 2025226726 (22) 03.09.2025
(54) SMALL MOLECULE STIMULATORS OF STEROID RECEPTOR COACTIVATOR-3 AND METHODS OF THEIR USE AS CARDIOPROTECTIVE AND/OR VASCULAR REGENERATIVE AGENTS

(71) BELLSON ELECTRIC PTY LTD
(21) 2025226764 (22) 04.09.2025

(54) ADJUSTABLE TRACK FOR LIGHTING DEVICE FOR POOLS

(71) BioAtla, LLC
(21) 2025226779 (22) 04.09.2025
(54) Mirac Proteins

(71) BioPoly, LLC
(21) 2025226800 (22) 05.09.2025
(54) IMPLANT SYSTEMS FOR REPAIR OF A HUMERAL HEAD

(71) BioPoly, LLC
(21) 2025226801 (22) 05.09.2025
(54) IMPLANT SYSTEMS FOR REPAIR OF A GLENOID CAVITY

(71) Blackhawk Network, Inc.
(21) 2025226741 (22) 04.09.2025
(54) Prepaid card with savings feature

(71) BLIS TECHNOLOGIES LIMITED
(21) 2025226751 (22) 04.09.2025
(54) PROBIOTIC ENHANCERS AND USES THEREOF

(71) Buzzelet Development And Technologies Ltd.
(21) 2025226703 (22) 03.09.2025
(54) A kit for treating pelvic pain arising from female reproductive system

(71) Cage Bio Inc.
(21) 2025226848 (22) 08.09.2025
(54) Ionic Liquid Compositions For Treatment Of Rosacea

(71) Caris Science, Inc.
(21) 2025226721 (22) 03.09.2025
(54) THERAPEUTIC OLIGONUCLEOTIDES

(71) Carter, P.
(21) 2025226786 (22) 04.09.2025
(54) Luxury, proximity-activated, social-signalling accessories

(71) Casio Computer Co., Ltd.
(21) 2025226805 (22) 05.09.2025
(54) Image processing device, image processing method, and program

(71) Casio Computer Co., Ltd.
(21) 2025226808 (22) 05.09.2025
(54) Image processing device, image processing method, and program

(71) CFPH, LLC
(21) 2025226833 (22) 08.09.2025

(54) POINT AND/OR MONEY BASED GAMING

(71) Checkpoint Surgical, Inc.
(21) 2025226673 (22) 02.09.2025
(54) NERVE REGENERATION THERAPY SYSTEM AND METHOD

(71) CHEP Technology Pty Limited
(21) 2025226850 (22) 08.09.2025
(54) Stackable quarter-size plastic platform and associated methods

(71) Chevron Japan Ltd.
(21) 2025226689 (22) 03.09.2025
(54) Lubricating oil containing alkyl phosphonic acid

(71) Chevron U.S.A. Inc.
(21) 2025226823 (22) 05.09.2025
(54) Systems and methods for estimating refined reservoir productivity value as a function of position in a subsurface volume of interest

China Agricultural University see National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land
(21) 2025226752

Cibus Europe B.V. see Cibus US LLC
(21) 2025226803

(71) Cibus US LLC; Cibus Europe B.V.
(21) 2025226803 (22) 05.09.2025
(54) Mutated protoporphyrinogen IX oxidase (PPX) genes

(71) Cipla USA, Inc
(21) 2025226793 (22) 05.09.2025
(54) Synthesis of antibacterial aminoglycoside analogs

(71) CNH Industrial America LLC
(21) 2025226863 (22) 09.09.2025
(54) Twin roller windguard

(71) CNH Industrial America LLC
(21) 2025226864 (22) 09.09.2025
(54) Residue management system for combine harvester

(71) CNH Industrial America LLC
(21) 2025226866 (22) 09.09.2025
(54) Residue management system for combine harvester

Complete Applications Filed - Name Index cont'd

(71) CNH Industrial America LLC; CNH Industrial Belgium N.V.
(21) 2025226867 (22) 09.09.2025
(54) Accumulator assembly for an agricultural harvester

CNH Industrial Belgium N.V. see CNH Industrial America LLC
(21) 2025226867

(71) Colgate-Palmolive Company
(21) 2025226696 (22) 03.09.2025
(54) Oral care compositions and methods

(71) Cona International Pty Ltd
(21) 2025230653 (22) 09.09.2025
(54) KEY SAFE AND KEY ACCESS SYSTEMS

(71) CONTAINER ROTATION SYSTEMS PTY LTD
(21) 2025226835 (22) 08.09.2025
(54) A CONTAINER FOR USE IN HANDLING BULK MATERIALS

(71) CR Therapeutics Co., Ltd.
(21) 2025226869 (22) 09.09.2025
(54) Application of IFN-gamma in preparing anti-tumor adjuvant drug

(71) Cummins Inc.
(21) 2025226816 (22) 05.09.2025
(54) Internal combustion engines and cylinder heads configured for in-cylinder pressure sensors

(71) D&J Intellectuals Pty Ltd
(21) 2025226780 (22) 04.09.2025
(54) LOCKING SYSTEM FOR THE AUTONOMOUS DRONE BASED CONSTRUCTION SYSTEM FOR SPACE STRUCTURES

(71) Daiichi Sankyo Company, Limited
(21) 2025226765 (22) 04.09.2025
(54) COMBINATION OF ANTIBODY-DRUG CONJUGATE AND TUBULIN INHIBITOR

(71) Deere & Company
(21) 2025226814 (22) 05.09.2025
(54) Mobile work machine control using a subterranean feature model

(71) Dexcom, Inc.
(21) 2025226728 (22) 03.09.2025
(54) Systems and methods for remote and host monitoring communications

(71) Disney Enterprises, Inc.
(21) 2025230654 (22) 09.09.2025
(54) PREDICTING AND MITIGATING EFFECTS OF ENVIRONMENTAL CONDITIONS

(71) Eidos Therapeutics, Inc.
(21) 2025226697 (22) 03.09.2025
(54) Formulations of AG10

(71) Eikonizo Therapapeutics, Inc.
(21) 2025230659 (22) 09.09.2025
(54) HDAC6 INHIBITORS AND USES THEREOF

(71) Eirion Therapeutics, Inc.
(21) 2025226856 (22) 08.09.2025
(54) Improved Delivery of Large Agents

(71) ELI LILLY AND COMPANY
(21) 2025226772 (22) 04.09.2025
(54) Therapeutic Agent Delivery Device Including Disposable And Reusable Portions

(71) empirical innovations, inc.
(21) 2025226758 (22) 04.09.2025
(54) SYSTEMS AND METHODS FOR RECEIVING THE OUTPUT OF A DIRECT STEAM INJECTOR

(71) Equifax Inc.
(21) 2025226711 (22) 03.09.2025
(54) Deep kernel learning for risk modeling with high dimensional missingness

(71) EVOBEND GmbH
(21) 2025226855 (22) 08.09.2025
(54) Bending machine and method for processing a workpiece by means of a bending machine

(71) Farmbot Holdings Pty Ltd
(21) 2025226785 (22) 04.09.2025
(54) Remote monitor and remote monitoring system

(71) Fisher & Paykel Healthcare Limited
(21) 2025226859 (22) 09.09.2025
(54) METHOD AND SYSTEM FOR PATIENT MANAGEMENT USING RULES ENGINE

(71) Fisher & Paykel Healthcare Limited
(21) 2025226861 (22) 09.09.2025
(54) PATIENT INTERFACE

(71) FLOWSERVE PTE. LTD.
(21) 2025226817 (22) 05.09.2025

(54) Fluid exchange devices and related controls, systems, and methods

(71) Fortescue Zero Limited
(21) 2025226766 (22) 04.09.2025
(54) ELECTRICAL CELL MODULE, AND A BUSBAR ASSEMBLY FOR AN ELECTRICAL CELL MODULE

(71) Fortescue Zero Limited
(21) 2025226767 (22) 04.09.2025
(54) ELECTRICAL CELL MODULE, AND A METHOD OF ASSEMBLING AN ELECTRICAL CELL MODULE

(71) Foster, D.
(21) 2025226700 (22) 03.09.2025
(54) Seeding Apparatus of a Row Unit of a Disc Planter

(71) Gen-Probe Incorporated
(21) 2025226763 (22) 04.09.2025
(54) Far-red dye probe formulations

(71) Genzyme Corporation
(21) 2025226783 (22) 04.09.2025
(54) Early post-transfection isolation of cells (epic) for biologics production

(71) Google LLC
(21) 2025226797 (22) 05.09.2025
(54) SURFACE CODE COMPUTATIONS USING AUTO-CCZ QUANTUM STATES

(71) Guangdong Welly Electrical Appliances Co., Ltd.; ZHOU, Q.
(21) 2025226749 (22) 04.09.2025
(54) An evaporator and refrigeration equipment

(71) Guangdong Welly Electrical Appliances Co., Ltd.; ZHOU, Q.
(21) 2025226750 (22) 04.09.2025
(54) A plate evaporator and a refrigeration apparatus

(71) Guangdong Welly Electrical Appliances Co., Ltd.
(21) 2025226826 (22) 05.09.2025
(54) Feed and discharge cartridge and cold beverage maker

(71) Guangdong Welly Electrical Appliances Co., Ltd.
(21) 2025226827 (22) 05.09.2025
(54) Cold beverage maker and control method thereof

Complete Applications Filed - Name Index cont'd

(71) Heraeus Medical GmbH
(21) 2025226858 (22) 08.09.2025
(54) DEVICE AND METHOD FOR PRODUCING AN INTRAMEDULLARY ROD SPACER

(71) HERCULES PROJECT COMPANY LLC
(21) 2025226716 (22) 03.09.2025
(54) Liquefaction system

(71) Highwood Enterprises Pty Ltd
(21) 2025226795 (22) 05.09.2025
(54) A Batten & Batten System

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2025226719 (22) 03.09.2025
(54) COMMUNICATION METHOD AND APPARATUS

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2025226838 (22) 08.09.2025
(54) NOMINAL PACKET PADDING VALUE INDICATION METHOD, DETERMINING METHOD, AND COMMUNICATION APPARATUS

(71) HyperStealth Biotechnology Corporation
(21) 2025226790 (22) 05.09.2025
(54) SYSTEM AND METHODS FOR LASER SCATTERING, DEVIATION AND MANIPULATION

(71) IdentiFlight International, LLC
(21) 2025226706 (22) 03.09.2025
(54) Bird or bat detection and identification for wind turbine risk mitigation

(71) IdentiFlight International, LLC
(21) 2025226724 (22) 03.09.2025
(54) Imaging array for bird or bat detection and identification

(71) Idy Pty Ltd
(21) 2025226715 (22) 03.09.2025
(54) Systems and Methods for Consent-Driven Monetisation and Royalty Distribution of AI Personas

(71) Idy Pty Ltd
(21) 2025226717 (22) 03.09.2025
(54) Systems and Methods for Cross-Platform Portability of AI Personas with Compliance and Insurance Linkage

(71) Idy Pty Ltd
(21) 2025226718 (22) 03.09.2025
(54) Systems and Methods for Persona-Linked Wallets and Asset Man-

agement in Insurance and Estate Workflows

(71) Idy Pty Ltd
(21) 2025226722 (22) 03.09.2025
(54) Systems and Methods for AI Persona-Based Underwriting in Insurance and Estate Workflows

(71) Idy Pty Ltd
(21) 2025226723 (22) 03.09.2025
(54) Systems and Methods for AI Persona Marketplaces and Exchanges in Insurance and Estate Workflows

(71) Idy Pty Ltd
(21) 2025226725 (22) 03.09.2025
(54) Systems and Methods for Global Consent and Rights Ledgers for AI Personas in Insurance and Estate Workflows

(71) Idy Pty Ltd
(21) 2025226727 (22) 03.09.2025
(54) Systems and Methods for Arbitration and Dispute Resolution of AI Personas in Insurance and Estate Workflows

(71) Idy Pty Ltd
(21) 2025226730 (22) 03.09.2025
(54) Systems and Methods for AI Persona Banking, Credit & Financial Reputation

(71) Idy Pty Ltd
(21) 2025226731 (22) 03.09.2025
(54) Systems and Methods for AI Persona Health, Genomic & Longevity Integration

(71) IGT
(21) 2025226708 (22) 03.09.2025
(54) METHODS FOR SOCIAL MONETARY GIVING IN THE GAMING ENVIRONMENT

(71) Illumina, Inc.
(21) 2025226824 (22) 05.09.2025
(54) MAJOR HISTOCOMPATIBILITY COMPLEX SINGLE NUCLEOTIDE POLYMORPHISMS

(71) iloon kashkooli, o.
(21) 2025230671 (22) 09.09.2025
(54) Easy block

(71) Immunext, Inc.
(21) 2025226796 (22) 05.09.2025
(54) Anti-CD154 antibody having improved binding, functional and safety characteristics and use in human immunotherapy

(71) Imperial College Innovations Limited
(21) 2025226860 (22) 09.09.2025
(54) Transduction and expansion of cells

(71) IMPORTING INNOVATION AUSTRALASIA PTY. LTD.
(21) 2025226699 (22) 03.09.2025
(54) RODENTICIDE

(71) Ingram Micro Inc.
(21) 2025226868 (22) 09.09.2025
(54) SYSTEMS AND METHODS FOR PERFORMING VENDOR-AGANOSTIC CTO/QTO (CONFIGURE TO ORDER/QUOTE TO ORDER)

(71) Ingram Micro Inc.
(21) 2025226870 (22) 09.09.2025
(54) SYSTEMS AND METHODS FOR GENERATING AI-DRIVEN INTEGRATED INSIGHTS

(71) Ingwersen, R.
(21) 2025226713 (22) 03.09.2025
(54) A Portable Tool Storage Container

(71) Island Technology, Inc.
(21) 2025226685 (22) 03.09.2025
(54) Enforcement of enterprise browser use

(71) Island Technology, Inc.
(21) 2025226686 (22) 03.09.2025
(54) Enforcement of enterprise browser use

(71) Island Technology, Inc.
(21) 2025226687 (22) 03.09.2025
(54) Enforcement of enterprise browser use

(71) Island Technology, Inc.
(21) 2025226688 (22) 03.09.2025
(54) Enforcement of enterprise browser use

(71) Janssen Pharmaceutica NV
(21) 2025226693 (22) 03.09.2025
(54) Monoacylglycerol lipase modulators

(71) Jinan Fruit Research Institute, All China Federation of Supply and Marketing Cooperatives
(21) 2025226831 (22) 06.09.2025
(54) LOW-MOLECULAR-WEIGHT FLAMMULINA VELUTIPES ROOT-DE-RIVED POLYSACCHARIDE, AND USE THEREOF

Jining Hongxin Agricultural Technology Co., Ltd. see National Center of Techno-

Complete Applications Filed - Name Index cont'd

logy Innovation for Comprehensive Utilization of Saline-Alkali Land
(21) 2025226752

JMSD IP Pty Ltd see Materiaux Nieka Inc.
(21) 2025226820

(71) Joby Aero, Inc.
(21) 2025226829 (22) 05.09.2025
(54) Aircraft control system and method

(71) Jonker, J.
(21) 2025223928 (22) 01.09.2025
(54) A composite firearm barrel

(71) Joy Global Underground Mining LLC
(21) 2025226809 (22) 05.09.2025
(54) Cutting bit assembly

(71) K. Hartwall Oy Ab
(21) 2025226736 (22) 04.09.2025
(54) Retainer and Container

(71) Katana Foundations Australia Pty Ltd
(21) 2025226840 (22) 08.09.2025
(54) SCREW PILE BARRIER SUPPORT SYSTEM

(71) Komatsu Ltd.
(21) 2025226704 (22) 03.09.2025
(54) Unmanned vehicle control system and unmanned vehicle control method

(71) Kop-Coat, Inc.
(21) 2025226735 (22) 04.09.2025
(54) SOLUTIONS FOR ENHANCING THE EFFECTIVENESS OF INSECTICIDES AND FUNGICIDES ON LIVING PLANTS AND RELATED METHODS

(71) Krishnan Nair, H.
(21) 2025226753 (22) 04.09.2025
(54) A tubular sleeve

(71) Krugel, D.
(21) 2025226845 (22) 08.09.2025
(54) A METHOD AND DEVICE FOR DETECTING A MATERIAL

(71) KSQ Therapeutics, Inc.
(21) 2025226682 (22) 02.09.2025
(54) Gene-regulating compositions and methods for improved immunotherapy

(71) Lemonex Inc.
(21) 2025226757 (22) 04.09.2025
(54) Immunoreactant carrier

(71) Lexicon Pharmaceuticals, Inc.
(21) 2025226854 (22) 08.09.2025
(54) Use of sotagliflozin for the treatment of patients with type 1 diabetes mellitus

(71) LG Electronics, Inc.
(21) 2025226755 (22) 04.09.2025
(54) APS SIGNALING-BASED VIDEO OR IMAGE CODING

(71) LG Electronics Inc.
(21) 2025226674 (22) 02.09.2025
(54) Image decoding method and device therefor

(71) LG Electronics Inc.
(21) 2025226782 (22) 04.09.2025
(54) Robot cleaner

(71) LG Electronics Inc.
(21) 2025226791 (22) 05.09.2025
(54) Refrigerator and method for controlling same

(71) LG Electronics Inc.
(21) 2025226792 (22) 05.09.2025
(54) Refrigerator and control method therefor

(71) LG Electronics Inc.
(21) 2025226802 (22) 05.09.2025
(54) Refrigerator and method for controlling the same

(71) LG Electronics Inc.
(21) 2025226806 (22) 05.09.2025
(54) METHOD OF CHANGING FEATURE OF HOME APPLIANCE, AND SERVER AND DEVICE IMPLEMENTING THE SAME

(71) LG Electronics Inc.
(21) 2025226810 (22) 05.09.2025
(54) METHOD OF CONTROLLING HOME APPLIANCE BASED ON COMMAND AND DEVICE FOR IMPLEMENTING THE SAME

(71) Lumus Ltd.
(21) 2025226720 (22) 03.09.2025
(54) Light-Guide Optical Element Employing Complementary Coated Partial Reflectors, and Light-Guide Optical Element Having Reduced Light Scattering

(71) MAB Discovery GmbH
(21) 2025226694 (22) 03.09.2025
(54) Agonistic CD40 antibodies

(71) Mahfouz, M.R.
(21) 2025226804 (22) 05.09.2025
(54) Bone reconstruction and orthopedic implants

(71) Marsupial Holdings, Inc.
(21) 2025226737 (22) 04.09.2025
(54) DIRECT ENHANCED VIEW OPTIC

(71) MARVELOUS INC.
(21) 2025230663 (22) 09.09.2025
(54) Dispensing mechanism and game device

(71) Materiaux Nieka Inc.
(21) 2025226818 (22) 05.09.2025
(54) Apparatus and method for preparing an analytical sample by borate fusion with electric heating

(71) Materiaux Nieka Inc.; JMSD IP Pty Ltd
(21) 2025226820 (22) 05.09.2025
(54) Apparatus and method for preparing an analytical sample by borate fusion with electric heating

(71) MEDI#GENE INC.
(21) 2025226873 (22) 09.09.2025
(54) Peptide Having Antidiabetic Activity And Use Thereof

(71) Merck Sharp & Dohme LLC
(21) 2025226754 (22) 04.09.2025
(54) Co-formulations of anti-LAG3 antibodies and anti-PD-1 antibodies

(71) Minpraxis Solutions Ltd.
(21) 2025226849 (22) 08.09.2025
(54) ROCK HARDNESS MEASUREMENT

(71) National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land; Shandong Agricultural University; Shandong Academy of Agricultural Sciences; Shandong Zotiser Biological Technology Co., Ltd.; Jining Hongxin Agricultural Technology Co., Ltd.; China Agricultural University; Agricultural Science Research Institute of the 13th Division, Xinjiang Production and Construction Corps
(21) 2025226752 (22) 04.09.2025
(54) STRAIN OF BACILLUS VELEZENSIS AND ITS USE IN PREPARING MULTIFUNCTIONAL STRAW DECOMPOSING AGENT

(71) Neutron Holdings, Inc., DBA Lime
(21) 2025226834 (22) 08.09.2025
(54) RECHARGEABLE BATTERY KIOSK FOR LIGHT ELECTRIC VEHICLES

Complete Applications Filed - Name Index cont'd

(71) North Star OpCo Limited
(21) 2025226846 (22) 08.09.2025
(54) Dosage Form for Nicotine Replacement Therapy

(71) Nucleix Ltd.
(21) 2025226734 (22) 04.09.2025
(54) Kits and Methods for Diagnosing Lung Cancer

(71) Nunhems Netherlands B.V.
(21) 2025226811 (22) 05.09.2025
(54) Onion variety NUN 02006 ONS

(71) OroraTech GmbH
(21) 2025226857 (22) 08.09.2025
(54) Lens Arrangement And Imaging Device

(71) Page, M.
(21) 2025226788 (22) 05.09.2025
(54) MATPLAN (multi-Ai Tactical Persona Live Auto-updating Network) with PageDNA encrypted hidden layers for adaptive, cross-domain persona frameworks

(71) Parousia Investments Pty Ltd
(21) 2025228032 (22) 09.09.2025
(54) A METHOD AND SYSTEM FOR ENABLING A PAYMENT

(71) Pathways 33 Pty Ltd
(21) 2025226828 (22) 05.09.2025
(54) SALT THERAPY TREATMENT SYSTEMS

(71) PharmaBiome AG
(21) 2025226698 (22) 03.09.2025
(54) Probiotic and prebiotic compositions, and methods of use thereof for modulation of the microbiome

(71) Pioneer Hi-Bred International, Inc.
(21) 2025226701 (22) 03.09.2025
(54) Sorghum cytoplasmic male sterility markers and loci

PLASTEC VENTILATION, INC see SEAT VENTILATION
(21) 2025226776

(71) PRIMEGEN US, INC.
(21) 2025226714 (22) 03.09.2025
(54) Methods and Compositions For Treating Liver Disease

(71) QIAGEN GmbH
(21) 2025226839 (22) 08.09.2025
(54) Lysis method for plant samples

(71) Red Meters LLC
(21) 2025226748 (22) 04.09.2025
(54) Methods for designing a flow conduit and apparatus that measures deflection at multiple points to determine flow rate

Regeneron Pharmaceuticals, Inc. see Bayer Healthcare LLC
(21) 2025226774

(71) RE-LID Engineering AG
(21) 2025226769 (22) 04.09.2025
(54) CAN LID, CAN AND METHOD FOR MANUFACTURING A CAN LID

(71) Rural Innovations Pty Ltd
(21) 2025226843 (22) 08.09.2025
(54) WIRE STRAINERS

(71) Sarepta Therapeutics, Inc.
(21) 2025226744 (22) 04.09.2025
(54) Peptide oligonucleotide conjugates

(71) Scarcell Therapeutics
(21) 2025230660 (22) 09.09.2025
(54) Composition for the Treatment of a Musculoskeletal Disease

(71) Schneider Electric USA, Inc.
(21) 2025226865 (22) 09.09.2025
(54) SYSTEM FOR ENERGY MANAGEMENT IN A WATER TREATMENT PLANT

(71) Scott, a.
(21) 2025226733 (22) 04.09.2025
(54) Red Light & Heat Therapy Device with Waterproof Protective Lining

(71) SCREEDBRO PTY LTD
(21) 2025226743 (22) 04.09.2025
(54) DEVICES CONFIGURED TO FACILITATE PREPARATION OF A SURFACE HAVING SPECIFIED LEVEL ATTRIBUTES, INCLUDING SCREEDING LEVEL SETTING DEVICES

(71) SEAT VENTILATION; PLASTEC VENTILATION, INC
(21) 2025226776 (22) 04.09.2025
(54) Fan scroll for centrifugal fan and fan comprising such a fan scroll

(71) SecurityMetrics, Inc.
(21) 2025226691 (22) 03.09.2025
(54) Webpage Security Monitoring

(71) SENSE2 PTY LTD
(21) 2025226777 (22) 04.09.2025
(54) SPECTRO#TEMPORAL HELICAL RING (STHR) PHOTONIC COMPUTE#IN#MEMORY CELL WITH NEAR#FIELD#RADIATIVE ATHERMAL JACKET AND GaN#INTEGRATED, TELEMETRY#TUNABLE POWER CONDITIONING

(71) Shah, S.
(21) 2025226732 (22) 03.09.2025
(54) Progressive Wagering Card Game and Related Methods

Shandong Academy of Agricultural Sciences see National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land
(21) 2025226752

Shandong Agricultural University see National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land
(21) 2025226752

Shandong Zotiser Biological Technology Co., Ltd. see National Center of Technology Innovation for Comprehensive Utilization of Saline-Alkali Land
(21) 2025226752

(71) SHERWIN - NANOGEMS PTY LTD
(21) 2025226836 (22) 08.09.2025
(54) Antimicrobial Composition

(71) Sloan, S.
(21) 2025226729 (22) 03.09.2025
(54) PET SANITARY UNDERPANTS

(71) Smith, S.L.
(21) 2025226847 (22) 08.09.2025
(54) BEVERAGE CONTAINER PIERCING DEVICE

(71) Société des Produits Nestlé S.A.
(21) 2025226837 (22) 08.09.2025
(54) A nutritional composition for use to enhance executive function

(71) Span.IO, Inc.
(21) 2025226813 (22) 05.09.2025
(54) Integrated electrical panel

(71) Stats LLC
(21) 2025226794 (22) 05.09.2025
(54) Video Processing For Embedded Information Card Localization And Content Extraction

Complete Applications Filed - Name Index cont'd

(71) Stratco (Australia) Pty Limited
(21) 2025230661 (22) 09.09.2025
(54) CONCEALED ROOF CLIP AND ASSEMBLY

(71) Suppression Technologies, Inc.
(21) 2025226690 (22) 03.09.2025
(54) Systems and methods for improving fire safety in agricultural machinery

(71) TARIS Biomedical LLC
(21) 2025226679 (22) 02.09.2025
(54) Drug delivery devices and systems for local drug delivery to the upper urinary tract

(71) Taylor, D.
(21) 2025226830 (22) 05.09.2025
(54) AN EXERCISE MACHINE

(71) The George Institute for Global Health
(21) 2025226705 (22) 03.09.2025
(54) Low-dose triple combination formulation

(71) The Heil Co.
(21) 2025226773 (22) 04.09.2025
(54) Semi-autonomous refuse collection

(71) The Regents of the University of Colorado, a body corporate
(21) 2025226710 (22) 03.09.2025
(54) Stem cell-derived cell cultures, stem cell-derived three-dimensional tissue products, and methods of making and using the same

(71) Tiger Tool International Incorporated
(21) 2025226756 (22) 04.09.2025
(54) CLIP ASSEMBLIES, SYSTEMS, AND METHODS FOR OPERATING DIS-PLACEMENT TOOLS

(71) Toyota Jidosha Kabushiki Kaisha
(21) 2025226872 (22) 09.09.2025
(54) Solid-state battery

(71) Trina Solar Co., Ltd
(21) 2025226807 (22) 05.09.2025
(54) Back contact solar cell and solar cell module

(71) Ubicquia, Inc.
(21) 2025226695 (22) 03.09.2025
(54) AUTONOMOUS PLACEMENT OF AN AERIALY-MOUNTABLE ELECTRONIC DEVICE

(71) Unigen, Inc.
(21) 2025226742 (22) 04.09.2025
(54) Compositions for regulating homeostasis of cortisol and improving sleep quality and methods of use and production thereof

(71) VALMONT HIGHWAY INTERNATIONAL PTY LIMITED
(21) 2025226684 (22) 03.09.2025
(54) IMPROVEMENTS IN AND RELATING TO ROAD BARRIERS AND PARTS AND FITTINGS THEREFOR

Vantive US Healthcare LLC see Baxter Healthcare SA
(21) 2025226771

(71) Vilimovsky, G.
(21) 2025226787 (22) 04.09.2025
(54) Solid state controler for train pantograph actuator

(71) Viomerse, Inc.
(21) 2025226676 (22) 02.09.2025
(54) Surgical training apparatus, methods and systems

(71) Virginia Tech Intellectual Properties, Inc.
(21) 2025226844 (22) 08.09.2025
(54) Apparatus for dewatering and demineralization of fine particles

(71) vTv Therapeutics LLC
(21) 2025226784 (22) 04.09.2025
(54) Substituted fused imidazole derivatives and methods of treating sickle cell disease and related complications

(71) West Business Group Pty Ltd
(21) 2025230662 (22) 09.09.2025
(54) WATER TANK FOR A FIRE APPLIANCE

(71) X Development LLC
(21) 2025226819 (22) 05.09.2025
(54) Wildfire identification in imagery

ZHOU, Q. see Guangdong Welly Electrical Appliances Co., Ltd.
(21) 2025226749

ZHOU, Q. see Guangdong Welly Electrical Appliances Co., Ltd.
(21) 2025226750

(71) Zonit Structured Solutions, LLC
(21) 2025230657 (22) 09.09.2025

(54) Electrical cord cap with easy connect housing portions

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2025226691	SecurityMetrics, Inc.	2025226759	Ascelia Pharma AB
2025226693	Janssen Pharmaceutica NV	2025226763	Gen-Probe Incorporated
2025226694	MAB Discovery GmbH	2025226764	BELLSON ELECTRIC PTY LTD
2025226695	Ubicquia, Inc.	2025226765	Daiichi Sankyo Company, Limited
2025226696	Colgate-Palmolive Company	2025226766	Fortescue Zero Limited
2025226697	Eidos Therapeutics, Inc.	2025226767	Fortescue Zero Limited
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2025226710	The Regents of the University of Colorado, a body corporate	2025226780	D&J Intellectuals Pty Ltd
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2025226836	SHERWIN - NANOGENS PTY LTD		
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Applications listed below were processed through the Patent Office Canberra during the period ending 2 Sep 2025 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Farmbot Holdings Pty Ltd
(21) 2025100014 (22) 04.09.2025
(54) Remote monitor and remote monitoring
system
(62) 2020346616

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2025100014 Farmbot Holdings Pty Ltd

Applications with amended filing dates Reg 3.5(A).

2025205648 **CONTAINER ROTATION SYSTEMS PTY LTD** The
filing date has been amended to 24.07.2025

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

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 2023203909 (5C) 2023204216 (5C) 2023204340 (5C)
 2023204624 (5C) 2023204706 (5C) 2023206087 (4C)
 2023206219 (4C) 2023208075 (5C) 2023208110 (5C)
 2023210618 (5C) 2023210628 (5C) 2023216757 (5C)
 2023216811 (5C) 2023219844 (5C) 2023223012 (5C)
 2023226732 (5C) 2023226787 (5C) 2023229478 (4C)
 2023233184 (5C) 2023237040 (5C) 2023237091 (5C)
 2023241341 (5C) 2023248045 (5C) 2023248193 (5C)
 2023254886 (5C) 2023258317 (5C) 2023282244 (5C)

2024

2024200003 (5C) 2024200669 (4C) 2024200683 (4C)
 2024200855 (5C) 2024201600 (4C) 2024202161 (4C)
 2024202246 (4C) 2024202572 (4C) 2024203349 (5CN)
 2024203411 (4C) 2024204286 (5CN) 2024205291 (4C)
 2024205752 (12CN) 2024211013 (12CN) 2024219956 (12CN)
 2024219966 (12CN) 2024267022 (4C) 2024278302 (4B)
 2024278483 (25D) 2024902771 (12AN) 2024902795 (12AN)
 2024902821 (12AN) 2024902839 (12AN) 2024902897 (12AN)
 2024903027 (12AN) 2024903029 (12AN) 2024903305 (12AN)

2025

2025204359 (1B) 2025204417 (1B) 2025204441 (1B)
 2025204515 (1B) 2025204631 (1B) 2025204805 (7AN)
 2025204911 (7CN) 2025208537 (12CN) 2025902152 (12AN)

Complete Specifications Treated as Provisional Specifications, Section 37

2024

2024278185 **Alleva Animal Health Limited** Provisional Number: 2024904346

2025

2025210836 **MCDONNELL, J.** Provisional Number: 2025904168

Assignments before Grant, Section 113

2018

2018375151 **Figene, LLC** The application has been assigned to **SpinalCyte LLC**

2019

2019377122 **Figene, LLC** The application has been assigned to **SPINALCYTE LLC**

2020

2020254110 **JSH Capital Pte. Ltd.** The application has been assigned to **PAN-OSTON SDN BHD**

2020286188 **Westermann KG** The application has been assigned to **Naber GmbH**

2020379163 **Westermann KG** The application has been assigned to **Naber GmbH**

2021

2021227422 **Oxford Instruments Nanotechnology Tools Limited** The application has been assigned to **Oxford NanoScience Limited**

2021246058 **AKER Biomarine Antarctic AS; The Board of Trustees of the University of Illinois** The application has been assigned to **Aker BioMarine Human Ingredients AS; The Board of Trustees of the University of Illinois**

2021418993 **JOHNSON CONTROLS FIRE PROTECTION LP** The application has been assigned to **Tyco Fire & Security GmbH**

2022

2022430917 **PALO ALTO NETWORKS (ISRAEL ANALYTICS) LTD.** The application has been assigned to **Palo Alto Networks Inc.**

2022440631 **AUSTRALIAN SPORTS COMMISSION; AUSTRIATH-LON LTD** The application has been assigned to **Australian Sports Commission**

2022441431 **PALO ALTO NETWORKS (ISRAEL ANALYTICS) LTD.** The application has been assigned to **Palo Alto Networks Inc.**

2023

2023220938 **OXFORD INSTRUMENTS NANOTECHNOLOGY TOOLS LIMITED** The application has been assigned to **Oxford NanoScience Limited**

Assignments before Grant, Section 113

2023229557 **The Goodyear Tire & Rubber Company** The application has been assigned to **The Yokohama Rubber Co., Ltd.**

2024

2024205696 **Martin, David** The application has been assigned to **Shoreline Vault LLC**

2024206259 **BAKER HEART AND DIABETES INSTITUTE; PELAGIC AI LIMITED; MEIKLE, Peter J.; PAUL, Sudip; BOILEAU, Amy; DUCKER, Martin; HUYNH, Kevin** The application has been assigned to **BAKER HEART AND DIABETES INSTITUTE; PELAGIC AI LIMITED**

2024232352 **METROPOLIS TECHNOLOGIES, INC.** The application has been assigned to **Metropolis IP Holdings, LLC**

2024266974 **Riordan, Michael** The application has been assigned to **Freeze Sleeve IPCO LLC**

2025

2025201399 **Kurita Water Industries Ltd.; Hitachi, Ltd.** The application has been assigned to **Kurita Water Industries Ltd.**

2025201627 **Oxford Instruments Nanotechnology Tools Limited** The application has been assigned to **Oxford NanoScience Limited**

2025902099 **Lekkas, Dimitra** The application has been assigned to **Germblock Holdings Pty Ltd**

2025903295 **Chemaly, Grant; Arnott, Gary; Farm Improvements Limited** The application has been assigned to **Farm Improvements Limited**

Extensions of Time, Section 223

Applications Received

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

2009

2009334372 **Nexdius Limited** An application to extend the time from 21 Dec 2024 to 21 Sep 2025 in which to pay a renewal fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd Level 25, 2 Park Street SYDNEY NSW 2000 AU

2018

2018200711 **JULIUS INDUSTRIAL & SCIENTIFIC PTY LTD** An application to extend the time from 30 Jan 2025 to 30 Aug 2025 in which to pay a renewal fee has been filed . Address for service - JULIUS INDUSTRIAL & SCIENTIFIC PTY LTD 7 Gretel Drive Beachmere QLD 4510 AU

2019

2019101424 **The Trustee for ACCESS COVERS AUSTRALIA UNIT TRUST; Access Technical Centre** An application to extend the time from 19 Nov 2024 to 19 Jul 2025 in which to pay a renewal fee has been filed . Address for service - The Trustee for ACCESS COVERS

Extensions of Time, Section 223

AUSTRALIA UNIT TRUST 22-28 Hawker Street Airport West VIC 3042 AU

2020

2020422384 **Cryoport, Inc.** An application to extend the time from 14 Jan 2025 to 14 Aug 2025 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021226134 **REGENX SYSTEMS SAS** An application to extend the time from 27 Sep 2022 to 27 Aug 2025 in which to enter the National Phase has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins St MELBOURNE VIC 3000 AU

2023

2023204008 **Eli Lilly and Company** An application to extend the time from 09 Dec 2024 to 09 Aug 2025 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Applications Allowed - Section 223(2)

2014

2014240371 **ESCO Group LLC** The time in which to pay a renewal fee has been extended to 09 May 2025 . Address for service - MINTER ELISON Collins Arch, 447 Collins St Melbourne VIC 3000 AU

2018

2018351679 **Sonnen GmbH** The time in which to pay a renewal fee has been extended to 16 Jun 2025 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2019

2019380709 **Forsberg Services Ltd** The time in which to pay the acceptance fee has been extended to 22 Sep 2025 . Address for service - Freshwater IP PO BOX 953 Epping NSW 1710 AU

2021

2021329403 **PRECISION BIOSCIENCES, INC.** The time in which to request examination has been extended to 08 Sep 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2021337459 **SERINUS SECURITY PTY LTD** The time in which to request examination has been extended to 04 Sep 2025 . Address for service - Cousins Patent Attorneys Limited 101 Pakenham Street West Auckland 1010 NZ

2021342072 **Techmed Ventures, LLC; Malanowska-Stega, Z.; Stega, D.** The time in which to pay the exam request fee has been extended to 11 Sep 2025 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2023

2023203935 **Vertical Grill Appliances LLC** The time in which to pay a continuation fee has been extended to 09 May 2025 . Address for service - Robert James Bair c/o Helen Bogdan, PO Box 179 Toorak VIC 3142 AU

Extensions of Time, Section 223

2023408419 **JOINT STOCK COMPANY "NATIONAL ATOMIC COMPANY "KAZATOMPRO"** The time in which to enter the National Phase has been extended to 22 Sep 2025 . Address for service - Gestalt Law Pty Ltd GPO Box 683 Sydney NSW 2001 AU

2024

2024200178 **Heartland Consumer Products, LLC** The time in which to pay a continuation fee has been extended to 03 Jun 2025 . Address for service - WRAYS PTY LTD L7, 863 Hay St Perth WA 6000 AU

2024204067 **PepsiCo, Inc.** The time in which to pay a continuation fee has been extended to 14 Apr 2025 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

Amendments

Applications for Amendment

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

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

2020

2020253444 Pyrrole compounds **Aligos Therapeutics, Inc. ; Emory University** The nature of the amendment is as shown in the statement(s) filed 14 Aug 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020260130 Tetrahydro-1H-cyclopenta(cd)indene derivatives as Hypoxia Inducible Factor-2(alpha) inhibitors **Nikang Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020288337 Compressed solid composition for MRI **Ascelia Pharma AB** The nature of the amendment is as shown in the statement(s) filed 26 Aug 2025 . Address for service - FB Rice Pty Ltd L 33, 477 Collins Street Melbourne VIC 3000 AU

2021

2021260792 Drug antibody conjugates **Pharma Mar, S.A.** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2025 . Address for service - WRAYS PTY LTD L7, 863 Hay St Perth WA 6000 AU

2021292436 Testing H2S scavengers polymerization factors **ConocoPhillips Company** The nature of the amendment is as shown in the statement(s) filed 16 Jul 2025 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 24171 Melbourne VIC 3001 AU

2024

2024213154 METHOD FOR PREPARING NICKEL SULFATE AQUEOUS SOLUTION FROM NICKEL- CONTAINING RAW MATERIAL **KOREA ZINC CO.,LTD. ; KEMCO** The nature of the amend-

Amendments

ment is as shown in the statement(s) filed 27 Aug 2025 . Address for service - ET Intellectual Property PO Box 10 932 Wellington 6140 NZ

Amendments Made

2017

2017213549 **Smith, W.A.C.; Smith, K.W.; Smith, S.M.** The nature of the amendment is as shown in the statements filed 03 Apr 2025 and 23 May 2025

2017320901 **ProQR Therapeutics II B.V.** The nature of the amendment is as shown in the statement filed 05 Aug 2024

2018

2018228435 **National Research Council of Canada** The nature of the amendment is as shown in the statement filed 26 Mar 2025

2019

2019210557 **Deere & Company** The nature of the amendment is: Amend the invention title to read Sensing and control of liquid application using an agricultural machine with row pressure sensors

2019210557 **Deere & Company** The nature of the amendment is as shown in the statement filed 13 May 2025

2019308173 **Thermedical, Inc.** The nature of the amendment is as shown in the statement filed 12 May 2025

2020

2020237474 **Nocion Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 06 Jun 2025

2020249323 **Essilor International; Sorbonne Université** The nature of the amendment is as shown in the statements filed 08 May 2025 and 22 May 2025

2020329286 **Amgen Inc.** The nature of the amendment is: Amend the name of the inventor to read GUO, Wei; HARRINGTON, Essa Hu and HOMANN, Oliver

2021

2021266329 **Coho Group Pty Ltd** The nature of the amendment is: To amend the applicant name to Coho Group Pty Ltd

2021326650 **Komatsu Forest AB** The nature of the amendment is: Amend the invention title to read Hydraulic timber grip with adaptive control and a timber handling vehicle comprising such

2021354968 **Farrow Holdings Group, Inc.** The nature of the amendment is: To amend the applicant name to Farrow Holdings Group, Inc.

2021449562 **NTT, Inc.** The nature of the amendment is: To amend the applicant name to NTT, Inc.

2021475016 **GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.** The nature of the amendment is as shown in the statement filed 14 May 2025

Amendments

2021477492 **NTT, Inc.** The nature of the amendment is: To amend the applicant name to NTT, Inc. and NTT, Inc.

2021477953 **NTT, Inc.** The nature of the amendment is: To amend the applicant name to NTT, Inc. and NTT, Inc. and NTT, Inc.

2022

2022279416 **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement filed 26 May 2025

2022280379 **SUN PHARMACEUTICAL INDUSTRIES AUSTRALIA PTY LIMITED** The nature of the amendment is: Amend the name of the inventor to read GRAHAM, Ian; WINZER, Thilo and LI, Yi

2022358453 **NORTON (WATERFORD) LIMITED** The nature of the amendment is as shown in the statement filed 21 May 2025

2022432534 **BEIJING ROBOROCK TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read AUTO-MATIC CLEANING DEVICE AND SYSTEM

2022432864 **NTT, Inc.** The nature of the amendment is: To amend the applicant name to NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc.

2022443675 **NTT, Inc.** The nature of the amendment is: To amend the applicant name to NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc.

2022464323 **NTT, Inc.** The nature of the amendment is: To amend the applicant name to NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc.

2022467200 **NTT, Inc.** The nature of the amendment is: To amend the applicant name to NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc.

2022470056 **NTT, Inc.** The nature of the amendment is: To amend the applicant name to NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc.

2023

2023229559 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 12 Jun 2025

2023243321 **COHERUS ONCOLOGY, INC.** The nature of the amendment is: To amend the applicant name to COHERUS ONCOLOGY, INC.

2023264558 **RENEWABLE ENERGY GROUP, INC.** The nature of the amendment is: Amend the name of the inventor to read SLADE, David; ABHARI, Ramin; HAVERLY, Martin and BERG, Mason

2023379986 **NEUROSTERIX PHARMA SÀRL** The nature of the amendment is: Amend the name of the inventor to read PAPARIN, Jean-Laurent; ROCHER, Jean-Philippe; STACH, Tanja; RUTJES, Floris, Petrus, Johannes, Theodorus; JANSSEN, Freek, Jan; DERKS, Max, Theodorus, Gerardus, Maria; VAN DER KOLK, Marnix, Ruben; BOUIL-LON, Marc and KATTNER, Lars

Amendments

2023396467 **DEFIBTECH, LLC** The nature of the amendment is: Amend the Filing Date to read 01.09.2023.

2023429425 **XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.** The nature of the amendment is: Amend the invention title to read ROBOTIC POOL CLEANER

2023429765 **JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY; TOYO ENGINEERING CORPORATION; NUSTAR TECHNOLOGIES PTE LTD** The nature of the amendment is: Amend the invention title to read Pipe connector, pipe connecting system and pipe connecting method

2023432891 **YAMAHA HATSUDOKI KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read Traveling-data-output device, traveling-data-measuring device, traveling-data-measuring/output device, and leaning-vehicle-data-processing device

2023446728 **PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS** The nature of the amendment is: Amend the invention title to read SYSTEM FOR OPTIMIZING DURATION TIME OF HIGH-PRESSURE LEACHING OF LATERITE NICKEL ORE

2023449263 **HITACHI INDUSTRIAL PRODUCTS, LTD.** The nature of the amendment is: Amend the invention title to read Electric drive vehicle

2023475815 **CASCO SIGNAL LTD.** The nature of the amendment is: Amend the invention title to read INTEGRATED TRAIN OPERATION DISPATCHING SYSTEM FOR REGIONAL RAIL TRANSIT AND MEDICAL

2024

2024216361 **NTT, Inc.** The nature of the amendment is: To amend the applicant name to NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc. and NTT, Inc.

2024221937 **Medical Microinstruments, Inc.** The nature of the amendment is: To amend the applicant name to Medical Microinstruments, Inc.

2024222655 **INTERVET INTERNATIONAL B.V.** The nature of the amendment is: Amend the name of the inventor to read MORSEY, Mohammad; QIAO, Zhisong; STAUFFER, Seth D. and ZHANG, Yuanzheng

2024231381 **ALIGOS THERAPEUTICS, INC.; MERCK SHARP & DOHME LLC** The nature of the amendment is: Amend the invention title to read Modified short interfering nucleic acid (siNA) molecules and uses thereof

2024232781 **SIMPSON STRONG-TIE COMPANY INC** The nature of the amendment is: Amend the name of the inventor to read MIELBRECHT, Emmet J.; ANG, Benedict; HINDS, Dallas A. and OELLERICH, Paul Howard

2024232930 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read COATED STEEL

2024234975 **KAGOSHIMA UNIVERSITY; PEPTIDE INSTITUTE, INC.** The nature of the amendment is: Amend the invention title to

Amendments

read Method for producing radiolabeled antibody, radiolabeled antibody, and radiopharmaceutical

2024238386 **VANDERBILT UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read ZELIK, Karl; SLAUGHTER, Paul; FINE, Jaime; ICE, Chad; RODZAK, Katherine; WOLF, Derek; PAILES-FRIEDMAN, Rebecca; SAHIN, Aybuke and YANDELL, Matthew

2024239509 **VANDERBILT UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read YANDELL, Matthew; ICE, Chad and ZELIK, Karl

2025

2025901068 **BeeSTAR Technology Pty Ltd** The nature of the amendment is: To amend the applicant name to BeeSTAR Technology Pty Ltd

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

2009

2009202778 Commonwealth of Australia as represented by and acting through The Department of the Environment, Water, Heritage and the Arts The name of the patentee has been altered to **Commonwealth of Australia as represented by and acting through the Department of Climate Change, Energy, the Environment and Water**

2017

2017204375 Coho Resources Pty Ltd The name of the patentee has been altered to **Coho Group Pty Ltd**

2019

2019382044 Zhuhai Qiwei Bio-Technology Ltd. The name of the applicant has been altered to **SMILEBIOTEK ZHUHAI LIMITED**

2021

2021445975 NIPPON TELEGRAPH AND TELEPHONE CORPORATION The name of the applicant has been altered to **NTT, Inc.**

2021447270 NIPPON TELEGRAPH AND TELEPHONE CORPORATION The name of the applicant has been altered to **NTT, Inc.**

2021448087 NIPPON TELEGRAPH AND TELEPHONE CORPORATION The name of the applicant has been altered to **NTT, Inc.**

2021449745 NIPPON TELEGRAPH AND TELEPHONE CORPORATION The name of the applicant has been altered to **NTT, Inc.**

2021449966 NIPPON TELEGRAPH AND TELEPHONE CORPORATION The name of the applicant has been altered to **NTT, Inc.**

2021478370 NIPPON TELEGRAPH AND TELEPHONE CORPORATION The name of the applicant has been altered to **NTT, Inc.**

2021478663 NIPPON TELEGRAPH AND TELEPHONE CORPORATION The name of the applicant has been altered to **NTT, Inc.**

Amendments

2021479523 NIPPON TELEGRAPH AND TELEPHONE CORPORATION The name of the applicant has been altered to **NTT, Inc.**

2022

2022207569 SINOCELLTECH LTD The name of the applicant has been altered to **SinoCellTech Ltd.**

2023

2023307298 VOLKSWAGEN AG; MAN Energy Solutions SE The name of the applicant has been altered to **VOLKSWAGEN AG; Everlence SE**

Applications Open to Public Inspection

Name Index

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

(71) 3T Biosciences, INC.
 (11) AU-A-2025223760
 (21) 2025223760 (22) 27.08.2025
 (54) Randomized peptide libraries presented by Human Leukocyte Antigens
 (51) Int. Cl.
C07K 14/725 (2006.01)
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)
 (43) 18.09.2025
 (62) 2019331903
 (72) GEE, Marvin; SIBENER, Leah
 (74) Spruson & Ferguson

4Moving Biotech see Institut National de la Sante et de la Recherche Medicale (IN-SERM)
 (21) 2025223913

(71) 6 over 6 Vision Ltd.
 (11) AU-A-2025223832
 (21) 2025223832 (22) 28.08.2025
 (54) Apparatus, System and Method of Determining One or More Parameters of a Lens
 (51) Int. Cl.
G01M 11/02 (2006.01)
 (43) 18.09.2025
 (62) 2020206481
 (72) KITTENPLON, Yair; ZLOTNIK, Alexander; MAGAL, Nadav; BREGMAN AMITAI, Orna; GOLDSHTAIN, Hadas; LIMON, Ofer
 (74) James & Wells Intellectual Property

(71) A.L. Hansen Manufacturing Co.
 (11) AU-A-2025201411
 (21) 2025201411 (22) 27.02.2025
 (54) Bar lock assembly
 (51) Int. Cl.
E05B 13/08 (2006.01)
E05C 1/00 (2006.01)
E05C 9/10 (2006.01)
E05C 9/18 (2006.01)
 (31) 63/559,594 (32) 29.02.24 (33) US
 (43) 18.09.2025
 (72) HANSEN III, William S.
 (74) Griffith Hack

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2025223845
 (21) 2025223845 (22) 28.08.2025
 (54) Analyte sensors and sensing methods for dual detection of glucose and ethanol
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)

A61B 5/1486 (2006.01)
 (43) 18.09.2025
 (62) 2023204567
 (72) Ouyang, Tianmei; Feldman, Benjamin J.; Cho, Hyun; Tran, Lam N.; Oja, Stephen; Sloan, Mark K.; Kumar, Ashwin; Kiaie, Namvar; Love, Michael R.
 (74) FPA Patent Attorneys Pty Ltd

(71) Ace Vision Group Inc.
 (11) AU-A-2025223914
 (21) 2025223914 (22) 29.08.2025
 (54) SYSTEMS AND METHODS FOR OCULAR LASER SURGERY AND THERAPEUTIC TREATMENTS
 (51) Int. Cl.
A61F 9/008 (2006.01)
 (43) 18.09.2025
 (62) 2020270436
 (72) HIPSLEY, AnnMarie; HAGEN, Clemens; HEINRICH, Arne; MESSNER, Manuel
 (74) AJ PARK

(71) Acres Technology
 (11) AU-A-2025201579
 (21) 2025201579 (22) 04.03.2025
 (54) TICKETS FOR TIPPING OR HAVING ENHANCED VALUE
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 18/594,793 (32) 04.03.24 (33) US
 (43) 18.09.2025
 (72) Acres, John F.; Acres, Noah
 (74) IP Sentinels

(71) AKDAŞ SİLAH ANONİM ŞİRKETİ
 (11) AU-A-2024287110
 (21) 2024287110 (22) 20.12.2024
 (54) SAFETY MECHANISM IN FIREARMS
 (51) Int. Cl.
F41A 17/48 (2006.01)
 (31) 2024/002421 (32) 29.02.24 (33) TR
 (43) 18.09.2025
 (72) AKDAŞ, Selim
 (74) AJ PARK

(71) Altronic Distributors Pty Ltd
 (11) AU-A-2025226675
 (21) 2025226675 (22) 02.09.2025
 (54) Horn Speaker Cover Assembly
 (51) Int. Cl.
H04R 1/02 (2006.01)
H04R 31/00 (2006.01)
 (43) 18.09.2025
 (62) 2023274151
 (72) Sorensen, Brian
 (74) WRAYS PTY LTD

(71) AlveoliX Technologies AG; Universität Bern
 (11) AU-A-2025226677
 (21) 2025226677 (22) 02.09.2025
 (54) Cell culturing system and method
 (51) Int. Cl.
C12M 3/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/12 (2006.01)
C12M 1/32 (2006.01)
C12M 1/42 (2006.01)
 (43) 18.09.2025
 (62) 2023202652
 (72) Guenat, Olivier Thierry; Stucki, Janick Daniel; Aeschlimann, Marcel; Lécho, Christophe
 (74) Davies Collison Cave Pty Ltd

Amgen Inc. see Novo Nordisk A/S
 (21) 2025223812

(71) Amgen Inc.
 (11) AU-A-2025223948
 (21) 2025223948 (22) 01.09.2025
 (54) Process For Manipulating The Level Of Glycan Content Of A Glycoprotein
 (51) Int. Cl.
C12P 21/00 (2006.01)
C07K 14/00 (2006.01)
C07K 16/00 (2006.01)
C12P 21/02 (2006.01)
 (43) 18.09.2025
 (62) 2024204313
 (72) LEISKE, Daniel R.; TRENTALANGE, Michael T.
 (74) WRAYS PTY LTD

(71) ANGELES THERAPEUTICS, INC.
 (11) AU-A-2025223797
 (21) 2025223797 (22) 28.08.2025
 (54) Novel platforms for co-stimulation, novel car designs and other enhancements for adoptive cellular therapy
 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
C07K 14/47 (2006.01)
 (43) 18.09.2025
 (62) 2018338647
 (72) CHAUDHARY, Preet M.
 (74) Cousins Patent Attorneys Limited

(71) Angel Group Co., Ltd.
 (11) AU-A-2025223918
 (21) 2025223918 (22) 30.08.2025
 (54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM
 (51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

A63F 9/00 (2006.01)
G06K 19/04 (2006.01)
G06Q 50/34 (2012.01)

(43) 18.09.2025
(62) 2023229467
(72) SHIGETA, Yasushi
(74) RnB IP Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2025226661
(21) 2025226661 (22) 02.09.2025
(54) Game management system
(51) Int. Cl.
A63F 13/80 (2014.01)
A63F 9/00 (2006.01)

(43) 18.09.2025
(62) 2024264588
(72) SHIGETA, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Apple Inc.
(11) AU-A-2025223905
(21) 2025223905 (22) 29.08.2025
(54) Systems and methods for multitasking on an electronic device with a touch-sensitive display
(51) Int. Cl.
G06F 3/0482 (2013.01)
G06F 3/0488 (2022.01)

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(62) 2023206154
(72) Chaudhri, Imran A.; Khoe, May-Li; Zambetti, Nicholas; Yang, Lawrence Y.
(74) FPA Patent Attorneys Pty Ltd

(71) Aquanex Pty Ltd
(11) AU-A-2025223953
(21) 2025223953 (22) 01.09.2025
(54) Dechloro
(51) Int. Cl.
C02F 1/68 (2023.01)
(31) 2024900074 (32) 11.01.24 (33) AU
(43) 18.09.2025
(72) Vanweydevel, Eric; Blackmore, Rhys
(74) Aquanex Pty Ltd

(71) Ardelyx, Inc.
(11) AU-A-2025223854
(21) 2025223854 (22) 28.08.2025
(54) GLICYRRHETINIC ACID DERIVATIVES FOR USE IN TREATING HYPERKALEMIA
(51) Int. Cl.
C07J 63/00 (2006.01)
A61K 31/56 (2006.01)
A61P 5/40 (2006.01)

(43) 18.09.2025
(62) 2020218255
(72) DRAGOLI, Dean; LUEHR, Gary; CHEN, Tao; LEWIS, Jason; LEADBETTER, Michael
(74) Davies Collison Cave Pty Ltd

(71) Aristocrat Technologies, Inc.
(11) AU-A-2025226681
(21) 2025226681 (22) 02.09.2025

(54) SYSTEMS AND METHODS FOR PROVIDING DYNAMIC REWARDS
(51) Int. Cl.
G06Q 30/00 (2023.01)
(43) 18.09.2025
(62) 2023210674
(72) PALMISANO, Angelo; POTOKAR, Jennifer
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025223783
(21) 2025223783 (22) 27.08.2025
(54) GAMING MACHINE FOR CONSECUTIVE ASCENDING AWARDS
(51) Int. Cl.
A63F 13/00 (2014.01)
(43) 18.09.2025
(62) 2023278048
(72) Cuddy, Ryan; Nelson, Lyndsay
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025223788
(21) 2025223788 (22) 27.08.2025
(54) METHODS AND SYSTEMS FOR OVERLAID PAY MODALITIES ON SELECTED SYMBOLS IN GAMING MACHINES
(51) Int. Cl.
A63F 13/00 (2014.01)
(43) 18.09.2025
(62) 2023251469
(72) HAWKINS, Ryan; JOHNS, Stephanie; TSOMBANIDIS, Yanis; HONEYCUTT, Robert
(74) Griffith Hack

(71) Ascendis Pharma A/S
(11) AU-A-2025223828
(21) 2025223828 (22) 28.08.2025
(54) Conjugates of an electron-donating nitrogen or tertiary amine comprising compounds
(51) Int. Cl.
A61K 47/56 (2017.01)
A61K 47/60 (2017.01)
A61K 47/69 (2017.01)
(43) 18.09.2025
(62) 2020296295
(72) BISEK, Nicola; WEISBROD, Samuel
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2025223913

(71) AstraZeneca AB; Mitsubishi Tanabe Pharma Corporation
(11) AU-A-2025223957
(21) 2025223957 (22) 02.09.2025
(54) NLRP3 INFLAMMASOME INHIBITORS

(51) Int. Cl.
C07D 237/34 (2006.01)
C07D 471/04 (2006.01)
(43) 18.09.2025
(62) 2022304254
(72) Johansson, Lars Anders Mikael; Gradén, Henrik; Bergonzini, Giulia; Sugama, Hiroshi; Matsumura, Takehiko
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Aurora Operations, Inc.
(11) AU-A-2025223934
(21) 2025223934 (22) 01.09.2025
(54) SWITCHABLE COHERENT PIXEL ARRAY FOR FREQUENCY MODULATED CONTINUOUS WAVE LIGHT DETECTION AND RANGING
(51) Int. Cl.
G01S 13/34 (2006.01)
G01N 21/27 (2006.01)
G01S 13/58 (2006.01)
G01S 17/06 (2006.01)
G01S 17/34 (2020.01)
G01S 17/58 (2006.01)
G02B 6/35 (2006.01)
(43) 18.09.2025
(62) 2025203494
(72) LIN, Sen; HOSSEINI, Amir; MI-CHAELES, Andrew Steil
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Ausco Modular Pty Limited
(11) AU-A-2025201452
(21) 2025201452 (22) 28.02.2025
(54) Construction of Building Structures Including Weatherproofed Boundaries Therein
(51) Int. Cl.
E04B 1/68 (2006.01)
E04B 1/343 (2006.01)
E04D 13/15 (2006.01)
B64U 101/26 (2023.01)
B64U 101/64 (2023.01)
(31) 2024900529 (32) 29.02.24 (33) AU
(43) 18.09.2025
(72) Paneni, Carlo; Zirbel, Daemon
(74) Davies Collison Cave Pty Ltd

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(21) 2025223917

(71) Avent, Inc.
(11) AU-A-2025223867
(21) 2025223867 (22) 29.08.2025
(54) SYSTEM AND METHOD FOR AN IMPROVED GRAPHICAL USER INTERFACE THAT PROVIDES INDEPENDENT CONTROL OF MULTIPLE RADIOFREQUENCY PROBES DURING AN ABLATION PROCEDURE
(51) Int. Cl.
A61B 18/12 (2006.01)
A61B 18/14 (2006.01)
A61B 34/00 (2016.01)
G06F 3/0488 (2022.01)

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(72) CESA, Joseph A.; MCGREGOR, Lisa M.; BARRETT, Jennifer J.; CRONE, Tyler W.; RHEIN, Lee W.; THURROTT, Christopher W.; RUDOLPH, Morgan; WOODRUFF, Scott
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) BAKER HUGHES OILFIELD OPERATIONS LLC

(11) AU-A-2025223859
(21) 2025223859 (22) 29.08.2025
(54) Fluid inlet sleeves for improving fluid flow in earth-boring tools, earth-boring tools having fluid inlet sleeves, and related methods
(51) Int. Cl.
E21B 10/61 (2006.01)
E21B 10/42 (2006.01)
E21B 10/60 (2006.01)

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(62) 2022241853
(72) BILEN, Juan Miguel; MORIN, John
(74) FPA Patent Attorneys Pty Ltd

(71) Beforepay IP Pty Ltd
(11) AU-A-2025202625
(21) 2025202625 (22) 14.04.2025
(54) Improved machine learning systems
(51) Int. Cl.
G06N 20/20 (2019.01)
G06F 18/25 (2023.01)
G06N 3/098 (2023.01)
G06Q 10/0635 (2023.01)
G06Q 40/03 (2023.01)

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(62) 2024201363
(72) TWISS, James Spencer; CHANG, Geoffrey Cheng Kang; ZHANG, Jian-feng
(74) FPA Patent Attorneys Pty Ltd

(71) Beijing HyperStrong Technology Co., Ltd.
(11) AU-A-2024203695
(21) 2024203695 (22) 31.05.2024
(54) BATTERY SOC EVALUATION METHOD, APPARATUS, DEVICE AND METHOD
(51) Int. Cl.
G01R 31/382 (2019.01)
G01R 31/367 (2019.01)
G01R 31/374 (2019.01)
G01R 31/396 (2019.01)
H01M 10/48 (2006.01)
H02J 7/00 (2006.01)
(31) 202410245133.9 (32) 04.03.24 (33) CN
(43) 18.09.2025
(72) Ma, Hao; He, Zhichao; Yang, Guang
(74) ET Intellectual Property

(71) BEIJING ROBOROCK TECHNOLOGY CO., LTD.
(11) AU-A-2025223767
(21) 2025223767 (22) 27.08.2025

(54) Line laser module and self-moving device
(51) Int. Cl.
A47L 11/40 (2006.01)
H04N 23/20 (2023.01)
H04N 23/45 (2023.01)
H04N 23/54 (2023.01)
H04N 23/55 (2023.01)
(43) 18.09.2025
(62) 2022284813
(72) YU, Guang; LONG, Yongji; LIU, Dan
(74) Allens Patent & Trade Mark Attorneys

(71) BioNTech Research and Development, Inc.
(11) AU-A-2025223771
(21) 2025223771 (22) 27.08.2025
(54) Nucleic acids encoding human antibodies to Sialyl-Lewisa
(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
C12N 15/13 (2006.01)
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(62) 2022209226
(72) SAWADA, Ritsuko; SUN, Shu-man; SCHOLZ, Wolfgang
(74) FB Rice Pty Ltd

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(11) AU-A-2025223777
(21) 2025223777 (22) 27.08.2025
(54) Predicting immunogenicity of T cell epitopes
(51) Int. Cl.
A61K 39/00 (2006.01)
(43) 18.09.2025
(62) 2022200863
(72) SAHIN, Ugur; TADMOR, Arbel David; CASTLE, John Christopher; BOEGEL, Sebastian; LOWER, Martin
(74) FB Rice Pty Ltd

(71) Blackhawk Network, Inc.
(11) AU-A-2025223842
(21) 2025223842 (22) 28.08.2025
(54) A system for payment via electronic wallet
(51) Int. Cl.
G06Q 20/36 (2012.01)
(43) 18.09.2025
(62) 2023248078
(72) Campos, Tomas Ariel; Miller, Keith; Llach, Teri; Harper, Kellie D.; Ansari, Ansar
(74) Davies Collison Cave Pty Ltd

(71) Block, Inc.
(11) AU-A-2025223765
(21) 2025223765 (22) 27.08.2025
(54) Systems and methods for managing cryptocurrency
(51) Int. Cl.
G06F 21/40 (2013.01)

G06F 21/32 (2013.01)
G06F 21/35 (2013.01)
G06F 21/64 (2013.01)
H04L 9/00 (2022.01)
H04L 9/40 (2022.01)
H04W 12/06 (2021.01)
(43) 18.09.2025
(62) 2022303329
(72) GUISE, Max; RAMACHANDRAN, Shiva; WILLIAMS, Justin; POSNER, Jesse; SCHOOOF, Alexander; MECOM, Jordan; AMINPOUR, Arvin; MOYER, Allison; ZHUKOV, Kirill; ROBINSON, David; RYAN, Bradley; LANMAN, Ryan; GROSSMAN, Lindsey
(74) FB Rice Pty Ltd

(71) Bosch Automotive Products (Suzhou) Co. Ltd.
(11) AU-A-2025201559
(21) 2025201559 (22) 04.03.2025
(54) Vehicle control method, controller, suspension control system, storage medium
(51) Int. Cl.
B60W 10/22 (2006.01)
B60G 17/016 (2006.01)
B60W 30/02 (2012.01)
(31) 202410242257.1 (32) 04.03.24 (33) CN
(43) 18.09.2025
(72) LI, Siyuan; ZHONG, Tianqiang
(74) Spruson & Ferguson

(71) Breville USA, Inc.
(11) AU-A-2025223898
(21) 2025223898 (22) 29.08.2025
(54) Cooking device
(51) Int. Cl.
A47J 27/10 (2006.01)
A23L 5/10 (2016.01)
A47J 27/04 (2006.01)
A47J 27/16 (2006.01)
A47J 27/18 (2006.01)
A47J 27/21 (2006.01)
A47J 36/24 (2006.01)
A47J 36/32 (2006.01)
(43) 18.09.2025
(62) 2019330026
(72) BALDWIN, Douglas; KLONOFF, Kevin; YOUNG, Christopher Charles
(74) GLMR

(71) Cardinal Health 529, LLC
(11) AU-A-2025223754
(21) 2025223754 (22) 26.08.2025
(54) System for re-entering a vessel lumen
(51) Int. Cl.
A61M 25/04 (2006.01)
A61M 25/00 (2006.01)
(43) 18.09.2025
(62) 2023251556
(72) Wilkinson, Matthew
(74) Griffith Hack

(71) Celcuity Inc.
(11) AU-A-2025223785
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(54) 1-(4-{[4-(Dimethylamino)piperidin-1-yl]carbonyl}phenyl)-3-[4-(4,6-dimorpholin-4-yl-1,3,5-triazin-2-yl)phenyl]urea (gedatolisib) and its combinations for use in the treatment of cancer

(51) Int. Cl.
A61K 31/537 (2006.01)
A61P 35/00 (2006.01)

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(62) 2025220615
(72) LAING, Lance Gavin; SULLIVAN, Brian Francis
(74) Spruson & Ferguson

(71) CFPH, LLC
(11) AU-A-2025223778
(21) 2025223778 (22) 27.08.2025
(54) ZONE DEPENDENT PAYOUT PERCENTAGE

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

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(72) Amaitis, Lee M.; Alderucci, Dean P.; Gelman, Geoffrey M.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Checkpoint Surgical, Inc.
(11) AU-A-2025226673
(21) 2025226673 (22) 02.09.2025
(54) NERVE REGENERATION THERAPY SYSTEM AND METHOD

(51) Int. Cl.
A61N 1/02 (2006.01)

(43) 18.09.2025
(62) 2019374893
(72) SCANLAN, Kevin; WALKER, Eric R.; COSENTINO, Leonard M.; LEWIS, Derek; COTTRILL, Ben
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) CHEVRON ORONITE COMPANY LLC; CHEVRON U.S.A. INC.

(11) AU-A-2025226672
(21) 2025226672 (22) 02.09.2025
(54) Aryloxy alkylamines as fuel additives for reducing injector fouling in direct injection spark ignition gasoline engines

(51) Int. Cl.
C10L 1/222 (2006.01)
C07C 217/50 (2006.01)
C10L 10/02 (2006.01)
C10L 10/04 (2006.01)
C10L 10/06 (2006.01)
C10L 1/223 (2006.01)
C10L 1/224 (2006.01)
C10L 1/23 (2006.01)
C10L 1/2383 (2006.01)
C10L 1/2387 (2006.01)

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(62) 2021342779
(72) NG, Man Kit; CHERPECK, Richard Eugene; CHAN, Carrie Y.; MENDENHALL, Kris; ICKES, Andrew M.; FUENTES-AFFLICK, Peter A.; WANG, Justin
(74) FPA Patent Attorneys Pty Ltd

CHEVRON U.S.A. INC. see CHEVRON ORONITE COMPANY LLC
(21) 2025226672

(71) CiiLOCK Engineering Pty Ltd
(11) AU-A-2025200762
(21) 2025200762 (22) 04.02.2025
(54) Over Centre Fastener

(51) Int. Cl.
F16B 2/18 (2006.01)
E05C 19/14 (2006.01)
(31) GB2402570.2 (32) 23.02.24 (33) GB
(43) 18.09.2025
(72) Jaber, Hani; Jaber, Simon; Li, Weidong
(74) Belyea IP

(71) Cirtex Group Holdings Limited
(11) AU-A-2025201471
(21) 2025201471 (22) 28.02.2025
(54) IMPROVED SHELLFISH SOCK

(51) Int. Cl.
A01K 61/54 (2017.01)
D04B 25/02 (2006.01)
(31) 808765 (32) 01.03.24 (33) NZ
(43) 18.09.2025
(72) BEATSON, Mark William; JUDD, Edward Mark; JUDD, Richard John
(74) P.L. Berry & Associates Ltd

(71) ClearFlow, Inc.
(11) AU-A-2025223782
(21) 2025223782 (22) 27.08.2025
(54) Medical tube clearance device

(51) Int. Cl.
A61M 1/00 (2006.01)
(43) 18.09.2025
(62) 2020206041
(72) BOYLE Jr., Edward M.; CHESNIN, Kenneth J.; NODA, Wayne A.; MOLLOY, Paul; DIAZ, Al; HYMAN, Daniel; JACOBSON, Jon D.
(74) Griffith Hack

Cohen, M. see Sagentia Ltd
(21) 2025201473

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(21) 2025201477

(71) Contera Pharma A/S
(11) AU-A-2025223847
(21) 2025223847 (22) 28.08.2025
(54) Pulsatile drug delivery system for treating morning akinesia

(51) Int. Cl.
A61K 31/165 (2006.01)
A61K 9/00 (2006.01)
A61K 31/194 (2006.01)
A61K 31/195 (2006.01)

A61K 31/198 (2006.01)
A61P 25/16 (2006.01)

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(62) 2023206140
(72) HANSEN, John Bondo; THOMSEN, Mikael Sondergard; FULLERTON, Ann Vivian; HOJGAARD, Bent; NIELSEN, Peter Gudmund
(74) FB Rice Pty Ltd

(71) Corning Research & Development Corporation
(11) AU-A-2025200910
(21) 2025200910 (22) 11.02.2025
(54) SYSTEM AND METHOD FOR ROUTING OPTICAL FIBERS WITHIN A MULTIPLE DWELLING UNIT

(51) Int. Cl.
G02B 6/00 (2006.01)
(31) 63/559,392 (32) 29.02.24 (33) US
(43) 18.09.2025
(72) May, Michael; Stewart, Mitchell Harold
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Crown Packaging Technology, Inc.
(11) AU-A-2025223870
(21) 2025223870 (22) 29.08.2025
(54) Can body decorator having a mandrel pre-spin assembly and infeed improvements

(51) Int. Cl.
B41F 17/22 (2006.01)
B41F 13/00 (2006.01)

(43) 18.09.2025
(62) 2019370461
(72) EGERTON, Daniel; COATES, Michael Jonathan; BLAKE, Daren; HALSTEAD, Michael; BAILEY, Damien
(74) Davies Collison Cave Pty Ltd

Daiichi Sankyo Company, Limited see National University Corporation Kobe University
(21) 2025220880

(71) Deere & Company
(11) AU-A-2025200601
(21) 2025200601 (22) 30.01.2025
(54) Method for non-contact ground moisture level estimation at various depths using reflected energy at a work machine

(51) Int. Cl.
G01N 22/04 (2006.01)
A01B 79/02 (2006.01)
G01N 33/24 (2006.01)
G06N 3/08 (2023.01)
G06N 20/00 (2019.01)
G06Q 50/02 (2024.01)
(31) 18/592,778 (32) 01.03.24 (33) US
(43) 18.09.2025
(72) Moran, Mark D.; Ogden, Nathan; Ackerman, Chad A.
(74) Davies Collison Cave Pty Ltd

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(54) Non-contact ground moisture level estimation at various depths using reflected energy at a work machine
(51) Int. Cl.
G01N 22/04 (2006.01)
A01B 79/02 (2006.01)
G01N 33/24 (2006.01)
G06N 3/08 (2023.01)
G06Q 50/02 (2024.01)
(31) 18/592,766 (32) 01.03.24 (33) US
(43) 18.09.2025
(72) Moran, Mark D.; Ogden, Nathan; Ackerman, Chad A.
(74) Davies Collison Cave Pty Ltd

(71) DEKA Products Limited Partnership
(11) AU-A-2025223864
(21) 2025223864 (22) 29.08.2025
(54) USER CONTROL DEVICE FOR A TRANSPORTER
(51) Int. Cl.
A61G 5/06 (2006.01)
B60L 15/10 (2006.01)
G05D 1/00 (2024.01)
G05D 1/02 (2020.01)
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(62) 2024266851
(72) PERET, Bob D.; COULTER, Stewart M.; KAMEN, Dean; KANE, Derek G.
(74) HENRY HUGHES IP LTD

(71) DUG TECHNOLOGY (AUSTRALIA) PTY LTD.; AUSTRALASIA IP PTY LTD
(11) AU-A-2025223917
(21) 2025223917 (22) 29.08.2025
(54) COMBINED QUASI-NEWTON AND ADAPTIVE GRADIENT OPTIMIZATION SCHEME USED IN SEISMIC DATA PROCESSING
(51) Int. Cl.
G01V 1/46 (2006.01)
G01V 1/48 (2006.01)
G01V 1/50 (2006.01)
(43) 18.09.2025
(62) 2022246567
(72) MCLEMAN, James; BURGESS, Timothy
(74) AUSTRALASIA IP PTY LTD

(71) Eagle Pharmaceuticals, Inc.
(11) AU-A-2025223868
(21) 2025223868 (22) 29.08.2025
(54) PEMETREXED FORMULATIONS
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 47/10 (2017.01)
A61P 35/00 (2006.01)
(43) 18.09.2025
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(72) Chen, Feng-Jing; Krill, Steven L.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2025223904

(71) empirical innovations, inc.
(11) AU-A-2025223776
(21) 2025223776 (22) 27.08.2025
(54) HEATING MEDIUM INJECTORS AND INJECTION METHODS FOR HEATING FOODSTUFFS
(51) Int. Cl.
A23L 15/00 (2016.01)
A23J 3/00 (2006.01)
F28C 3/08 (2006.01)
(43) 18.09.2025
(62) 2020225368
(72) ROTH, Nicholas A.
(74) RnB IP Pty Ltd

(71) EPM (IP), Inc.; Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
(11) AU-A-2025223761
(21) 2025223761 (22) 27.08.2025
(54) Cannabinoid acid ester compositions and uses thereof
(51) Int. Cl.
A61K 31/216 (2006.01)
A61K 45/06 (2006.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
A61P 15/00 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
(43) 18.09.2025
(62) 2020235617
(72) ROBINSON, Dror; PEER, Dan; TAM, Joseph; MECOULAM, Raphael
(74) Pipers Intellectual Property

(71) Epsitau Ltd.
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(21) 2025223790 (22) 27.08.2025
(54) LIGHTWEIGHT ASYMMETRIC MAGNET ARRAYS WITH MIXED-PHASE MAGNET RINGS
(51) Int. Cl.
G01R 33/383 (2006.01)
H01F 7/02 (2006.01)
(43) 18.09.2025
(62) 2019387265
(72) HAHAM HAY, Noam
(74) Noam Haham Hay

(71) Exact Sciences Corporation
(11) AU-A-2025223821
(21) 2025223821 (22) 28.08.2025
(54) Multiplex amplification detection assay and isolation and detection of DNA from plasma
(51) Int. Cl.
C12Q 1/68 (2018.01)
(43) 18.09.2025
(62) 2023202392
(72) Allawi, Hatim; Lidgard, Graham P.; Aizenstein, Brian; Sander, Tamara J.; Giakoumopoulos, Maria; Kaiser, Mi-

chael W.; Gray, Melissa M.; Vaccaro, Abram Michael
(74) Davies Collison Cave Pty Ltd

(71) Excalibur Pharmaceuticals, Inc.
(11) AU-A-2025223809
(21) 2025223809 (22) 28.08.2025
(54) SEMI-SOLID, OIL-BASED PHARMACEUTICAL COMPOSITIONS CONTAINING PIRFENIDONE FOR APPLICATION IN TISSUE REPAIR
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 31/4412 (2006.01)
A61P 17/00 (2006.01)
(43) 18.09.2025
(62) 2019329007
(72) ARMENDÁRIZ BORUNDA, Juan; MAGAÑA CASTRO, José Agustín Rogelio; VÁZQUEZ CERVANTES, Laura
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Fate Therapeutics, Inc.
(11) AU-A-2025223849
(21) 2025223849 (22) 28.08.2025
(54) Immunotherapies using enhanced iPSC derived effector cells
(51) Int. Cl.
C12N 5/074 (2010.01)
A61K 35/17 (2015.01)
A61K 35/545 (2015.01)
A61K 39/395 (2006.01)
C07K 14/735 (2006.01)
C12N 5/078 (2010.01)
C12N 5/0783 (2010.01)
(43) 18.09.2025
(62) 2018381191
(72) GAIDAROVA, Svetlana; LEE, Tom Tong; BJORDAHL, Ryan; VALAMEHR, Bahram
(74) Spruson & Ferguson

(71) Ferring B.V.
(11) AU-A-2025223889
(21) 2025223889 (22) 29.08.2025
(54) Miniaturised device for automated manufacture of pharmaceutical compositions, and associated method
(51) Int. Cl.
B01F 13/10 (2006.01)
B01F 3/22 (2006.01)
B01F 7/16 (2006.01)
B01F 15/00 (2006.01)
B01F 15/04 (2006.01)
B01F 15/06 (2006.01)
(43) 18.09.2025
(62) 2019365493
(72) SAUNIER, Josselin; RÖNNBACK, Robert
(74) Spruson & Ferguson

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2025223830
(21) 2025223830 (22) 28.08.2025
(54) CONNECTORS FOR CONDUITS

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(51) Int. Cl.
A61M 16/08 (2006.01)

(43) 18.09.2025

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(71) Fisher & Paykel Healthcare Limited

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(54) PRESSURE REGULATING VALVE

(51) Int. Cl.

A61M 16/20 (2006.01)

(43) 18.09.2025

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(54) TUBES FOR MEDICAL SYSTEMS

(51) Int. Cl.

A61M 16/08 (2006.01)

(43) 18.09.2025

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(71) Fisher & Paykel Healthcare Limited

(11) AU-A-2025223942

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(54) HUMIDIFICATION APPARATUS

(51) Int. Cl.

A61M 16/16 (2006.01)

A61M 16/10 (2006.01)

E05B 61/00 (2006.01)

E05B 63/18 (2006.01)

E05B 63/22 (2006.01)

E05B 63/24 (2006.01)

E05B 65/52 (2006.01)

F24F 6/02 (2006.01)

F24F 13/20 (2006.01)

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(74) BOSH IP Pty Ltd

(71) Five Prime Therapeutics, Inc.

(11) AU-A-2025220883

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(54) B7-H4 antibodies and methods of use thereof

(51) Int. Cl.

C07K 16/28 (2006.01)

A61P 35/00 (2006.01)

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(74) FB Rice Pty Ltd

(71) Fortescue Ltd

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(54) Train unloading system

(51) Int. Cl.

B65G 65/00 (2006.01)

B61D 9/02 (2006.01)

B61D 9/14 (2006.01)

B65G 67/50 (2006.01)

G06V 20/52 (2022.01)

G06N 20/00 (2019.01)

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(74) Davies Collison Cave Pty Ltd

(71) Fred IT Group Pty Ltd

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(54) TRACKING THE FILLING OF PRESCRIPTIONS

(51) Int. Cl.

G16H 20/10 (2018.01)

A61J 1/00 (2023.01)

A61J 1/16 (2023.01)

G16H 10/60 (2018.01)

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(72) NAISMITH, Paul Clayton

(74) Davies Collison Cave Pty Ltd

(71) FUJIFILM Diosynth Biotechnologies UK Limited

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(54) APPARATUS FOR PROCESSING A LIQUID COMPRISING A TARGET SUBSTANCE

(51) Int. Cl.

C07K 1/16 (2006.01)

C12N 15/10 (2006.01)

G01N 30/34 (2006.01)

G01N 30/46 (2006.01)

B01D 61/14 (2006.01)

C07K 1/34 (2006.01)

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(51) Int. Cl.

G01N 33/574 (2006.01)

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(74) Griffith Hack

(71) GeoQuest Systems B.V.

(11) AU-A-2025223931

(21) 2025223931 (22) 01.09.2025

(54) Geophysical deep learning

(51) Int. Cl.

G01V 1/28 (2006.01)

G01V 1/30 (2006.01)

G01V 1/50 (2006.01)

G01V 3/08 (2006.01)

G01V 3/18 (2006.01)

G01V 3/38 (2006.01)

G01V 11/00 (2006.01)

G06N 3/02 (2006.01)

G01V 1/36 (2006.01)

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(74) Griffith Hack

(71) GigaGen, Inc.

(11) AU-A-2025223772

(21) 2025223772 (22) 27.08.2025

(54) Anti-CTLA-4 binding proteins and methods of use thereof

(51) Int. Cl.

C07K 14/725 (2006.01)

C07K 14/74 (2006.01)

C07K 16/00 (2006.01)

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C12Q 1/6806 (2018.01)

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(74) FB Rice Pty Ltd

(71) Gilead Sciences, Inc.

(11) AU-A-2025223786

(21) 2025223786 (22) 27.08.2025

(54) Integrase inhibitors for the prevention of HIV

(51) Int. Cl.

A61K 31/513 (2006.01)

A61K 31/18 (2006.01)

A61K 31/535 (2006.01)

A61K 31/553 (2006.01)

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A61K 45/00 (2006.01)

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(54) Microsatellite instability detection in cell-free DNA
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G16B 40/20 (2019.01)
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(74) Pizzey Patent and Trade Mark Attorneys Pty Ltd

(71) Heye International GmbH
(11) AU-A-2025201507
(21) 2025201507 (22) 28.02.2025
(54) Mold Assembly For An IS Machine
(51) Int. Cl.
C03B 9/335 (2006.01)
B29C 33/20 (2006.01)
B29C 45/33 (2006.01)
B29C 49/48 (2006.01)
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(74) WRAYS PTY LTD

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(54) Pre-operative planning of surgical revision procedures for orthopedic joints
(51) Int. Cl.
A61B 34/10 (2016.01)
G06T 7/00 (2017.01)
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(62) 2024200427
(72) CHAOUI, Jean; MAYYA, Maximilien
(74) FB Rice Pty Ltd

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2025223816
(21) 2025223816 (22) 28.08.2025
(54) Delay estimation method and apparatus
(51) Int. Cl.
G10L 19/008 (2013.01)
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(72) SHLOMOT, Eyal; LI, Haiting; MIAO, Lei
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(11) AU-A-2025223888
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(54) INTERCONNECTED LENS MATERIALS ARRANGED AS LENS SHEETS FOR IMPROVED CAMOUFLAGE
(51) Int. Cl.
G02B 3/06 (2006.01)
F41H 3/00 (2006.01)

G02B 1/11 (2015.01)
G02B 27/00 (2006.01)
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(72) CRAMER, Guy
(74) AJ PARK

(71) ICU Medical, Inc.
(11) AU-A-2025223838
(21) 2025223838 (22) 27.08.2025
(54) ANTIMICROBIAL DEVICE COMPRISING A CAP WITH RING AND INSERT
(51) Int. Cl.
A61M 39/16 (2006.01)
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(62) 2024201014
(72) Ziebol, Robert J.
(74) Pizzey Patent and Trade Mark Attorneys Pty Ltd

(71) IGT
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(21) 2025223940 (22) 01.09.2025
(54) System and Method for Wagering on Virtual Elements Overlaying a Sports Betting Field
(51) Int. Cl.
G07F 17/32 (2006.01)
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(72) Nelson, Dwayne R.; Filipour, Cameron A.
(74) Integrated IP

(71) Immusoft Corporation
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(51) Int. Cl.
C12N 5/0781 (2010.01)
A61K 35/17 (2015.01)
A61P 21/00 (2006.01)
C07K 14/47 (2006.01)
C12N 15/64 (2006.01)
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(62) 2019233929
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(74) Davies Collison Cave Pty Ltd

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(54) Vaccines for recurrent respiratory papillomatosis and methods of using the same
(51) Int. Cl.
A61K 39/12 (2006.01)
C07K 14/025 (2006.01)

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(72) RAMOS, Stephanie; REED, Charles; WALTERS, Jewell; YAN, Jian; SLAGER, Anna; BRODERICK, Kate
(74) FB Rice Pty Ltd

(71) Institut National de la Sante et de la Recherche Medicale (INSERM); Assistance Publique Des Hopitaux De Paris; Sorbonne Université; 4Moving Biotech
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(21) 2025223913 (22) 29.08.2025
(54) COMPOSITION AND METHODS FOR REGULATING CHONDROCYTE PROLIFERATION AND INCREASING OF CARTILAGE MATRIX PRODUCTION
(51) Int. Cl.
A61K 38/26 (2006.01)
A61K 8/04 (2006.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
A61K 47/64 (2017.01)
A61P 19/02 (2006.01)
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(62) 2019383576
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(74) Madderns Pty Ltd

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(11) AU-A-2025223907
(21) 2025223907 (22) 29.08.2025
(54) Expandable intervertebral fusion device
(51) Int. Cl.
A61F 2/44 (2006.01)
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(62) 2023203798
(72) SHOSHTAEV, Eugene
(74) Spruson & Ferguson

(71) Invuity, Inc.
(11) AU-A-2025223885
(21) 2025223885 (22) 29.08.2025
(54) Electrosurgical device, methods of making an electrosurgical device, and methods of using an electrosurgical device
(51) Int. Cl.
A61B 18/14 (2006.01)
(43) 18.09.2025
(62) 2019332931
(72) ZAGATSKY, Vladimir
(74) Davies Collison Cave Pty Ltd

(71) i-SENS, Inc
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(54) SENSOR APPLICATOR ASSEMBLY FOR CONTINUOUS GLUCOSE MONITORING SYSTEM
(51) Int. Cl.
A61B 5/155 (2006.01)
A61B 5/15 (2006.01)

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 (74) LAMINAR IP PTY LTD

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 (51) Int. Cl.
C12Q 1/28 (2006.01)
C12Q 1/26 (2006.01)
C12Q 1/37 (2006.01)
G01N 31/20 (2006.01)
G01N 31/22 (2006.01)
G01N 33/52 (2006.01)
G01N 33/68 (2006.01)
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 (54) Enforcement of enterprise browser use
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H04L 9/40 (2022.01)
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 (74) Spruson & Ferguson

(71) Janssen Biotech, Inc.
 (11) AU-A-2025223811
 (21) 2025223811 (22) 28.08.2025
 (54) Safe and effective method of treating psoriatic arthritis with anti-IL23 specific antibody
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
A61P 17/06 (2006.01)
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 (72) HSIA, Elizabeth; XU, Lillian
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(71) Joy Global Underground Mining LLC
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 (54) Chain conveyor
 (51) Int. Cl.
B62D 55/20 (2006.01)
B62D 55/21 (2006.01)
B65G 19/08 (2006.01)

B65G 19/20 (2006.01)
B65G 19/22 (2006.01)
B65G 19/24 (2006.01)
F16G 13/06 (2006.01)
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F16G 15/00 (2006.01)
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 (72) Walker, Aaron Philip; Stewart, Christopher George
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C12N 15/113 (2010.01)
A61P 35/00 (2006.01)
C12N 9/22 (2006.01)
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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 (54) Hairbrush Applicator And Hairbrush Dispenser Configurations
 (51) Int. Cl.
A46B 11/00 (2006.01)
A45D 24/10 (2006.01)
A45D 40/18 (2006.01)
A46B 15/00 (2006.01)
 (31) 18/592,673 (32) 01.03.24 (33) US
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 (72) Kim, Michelle
 (74) WRAYS PTY LTD

(71) Kop-Coat, Inc.
 (11) AU-A-2025220766
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 (51) Int. Cl.
A01N 25/30 (2006.01)
A01N 25/00 (2006.01)
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H02J 9/04 (2006.01)
H02J 1/08 (2006.01)
H02J 3/14 (2006.01)
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H03K 17/78 (2006.01)
 (43) 18.09.2025
 (72) Koukharenkov, Iouri
 (74) Iouri Stanislavovich Koukharenkov

(71) KPR U.S., LLC
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 (54) Delivery of fluid from a syringe
 (51) Int. Cl.
A61M 5/142 (2006.01)
A61J 1/05 (2006.01)
A61J 15/00 (2006.01)
A61M 5/14 (2006.01)
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 (74) Griffith Hack

(71) KRISH CAPITAL PTY LTD
 (11) AU-A-2025223751
 (21) 2025223751 (22) 26.08.2025
 (54) Computing system and method for generating financial instruments portfolio
 (51) Int. Cl.
G06Q 40/06 (2012.01)
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 (72) SAWHNEY, Kunal; ANAND, Anjali; BALDWA, Mehul
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.
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 (21) 2025226674 (22) 02.09.2025
 (54) Image decoding method and device therefor
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/124 (2014.01)
H04N 19/18 (2014.01)
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 (72) PALURI, Seethal; KIM, Seunghwan; ZHAO, Jie
 (74) Dentons Patent Attorneys Australasia Limited

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E01C 19/44 (2006.01)
B62B 1/20 (2006.01)
B62B 1/22 (2006.01)
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(72) Long, Jacob
(74) BRM Patent Attorneys Pty Ltd

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(54) Solar Cell Sheet, Solar Cell Slice And
Photovoltaic Assembly
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H10F 19/90 (2025.01)
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(54) System and method for manipulating an
anatomy
(51) Int. Cl.
A61B 34/20 (2016.01)
A61B 34/00 (2016.01)
A61B 34/32 (2016.01)
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Moctezuma; Roessler, Patrick; Beer,
Joel N.
(74) Davies Collison Cave Pty Ltd

(71) MAKO Surgical Corp.
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(54) Techniques for patient-specific morph-
ing of virtual boundaries
(51) Int. Cl.
A61B 34/30 (2016.01)
A61B 17/16 (2006.01)
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(72) BECKER, Hans-Ulrich; ROESSLER,
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RERA, Jose Luis
(74) Davies Collison Cave Pty Ltd

(71) Marchesan Implementos e Máquinas
Agrícolas Tatu S.A.
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(54) Disk drive for agricultural equipment,
and agricultural equipment
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A01B 21/08 (2006.01)
(31) BR102024002077-4(32) 31.01.24 (33) BR
(43) 18.09.2025
(72) MARCHESAN, José Luiz Alberto; GAL-
HARDI, Carlos Cezar
(74) Spruson & Ferguson

(71) Media Cart Holdings, Inc.
(11) AU-A-2025223959
(21) 2025223959 (22) 02.09.2025
(54) Media enabled shopping cart system
and associated methods
(51) Int. Cl.
G06Q 30/00 (2023.01)
(43) 18.09.2025
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(72) STAWAR, Saul; SINGLETON, Cody;
FOWLER, Doug; McQUITTY, Dan;
HARTWELL, Chris; AYLOR, Bret;
BREEN, Steve; CARPENTER, Steve;
LE, Liem; GIBBONS Jr., James E.
(74) Davies Collison Cave Pty Ltd

(71) Michal, V.
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B42D 3/12 (2006.01)
B42D 3/00 (2006.01)
B42D 15/00 (2006.01)
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Limited
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SLAB DESIGN
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E04B 5/29 (2006.01)
E04C 5/06 (2006.01)
E04C 5/18 (2006.01)
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C12Q 1/6886 (2018.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
G01N 33/48 (2006.01)

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(54) AUTOMATED TRUSS MANUFACTUR-
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(51) Int. Cl.
B27M 3/00 (2006.01)
B25J 5/02 (2006.01)
B25J 9/00 (2006.01)
B25J 9/02 (2006.01)
B25J 9/04 (2006.01)
B25J 9/06 (2006.01)
B25J 9/12 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 15/02 (2006.01)
B25J 15/06 (2006.01)
B25J 15/10 (2006.01)
B27B 5/18 (2006.01)
B27B 31/00 (2006.01)
G05B 19/19 (2006.01)
G05B 19/21 (2006.01)
G05B 19/401 (2006.01)
G05B 19/402 (2006.01)
G05B 19/4093 (2006.01)
G05B 19/4097 (2006.01)
G05B 19/418 (2006.01)

(43) 18.09.2025
(62) 2024278299
(72) BLANCHETTE, Stephane; DES-
ROCHES, Nicolas; NADEAU, Jerome
(74) RnB IP Pty Ltd

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(54) AUTOMATED TRUSS MANUFACTUR-
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(51) Int. Cl.
B27M 3/00 (2006.01)
B25J 5/02 (2006.01)
B25J 9/00 (2006.01)
B25J 9/02 (2006.01)
B25J 9/04 (2006.01)
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B25J 9/12 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 15/02 (2006.01)
B25J 15/06 (2006.01)
B25J 15/10 (2006.01)
B27B 5/18 (2006.01)
B27B 31/00 (2006.01)
G05B 19/19 (2006.01)
G05B 19/21 (2006.01)
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G01V 3/38 (2006.01)
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B07C 5/34 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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C07K 16/28 (2006.01)
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A61P 35/00 (2006.01)
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A61P 43/00 (2006.01)
C12N 1/15 (2006.01)
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C12N 5/10 (2006.01)
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C12P 21/08 (2006.01)

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A63B 23/04 (2006.01)
A63B 21/062 (2006.01)
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A61M 11/02 (2006.01)
B05B 12/00 (2018.01)
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(54) FLAKE-LIKE COMPOSITION AND FLAKE-LIKE COMPOSITION PRODUCTION METHOD
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B09B 3/00 (2022.01)
B82B 1/00 (2006.01)
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(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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G16H 50/30 (2018.01)
G16H 10/60 (2018.01)
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(54) Toilet seat with urine shield
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A47K 13/24 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) BOAT STORAGE SYSTEM FOR BOATING ACCESSORIES Inventor(s)
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A01N 1/146 (2025.01)
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A01N 1/126 (2025.01)
A61J 1/05 (2006.01)
A61J 1/14 (2023.01)
A61J 1/20 (2006.01)
B01L 3/00 (2006.01)
G01N 1/38 (2006.01)
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A61P 31/06 (2006.01)
C07D 498/18 (2006.01)
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(72) Oshodi, Shadia; Johnson, Amy; Lawrence, Shawn
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(54) METHODS FOR QUANTIFYING IL-33
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E04B 5/32 (2006.01)
E04B 1/04 (2006.01)
E04B 1/70 (2006.01)
E04G 15/06 (2006.01)
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A61K 35/12 (2015.01)
C12N 5/077 (2010.01)
C12N 5/078 (2010.01)
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(72) SACKSTEIN, Robert
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A61M 25/01 (2006.01)

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E01F 9/631 (2016.01)
E01F 9/685 (2016.01)
E01F 15/00 (2006.01)
E02D 27/42 (2006.01)
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(54) Hydrocyclone contactor for carbon dioxide removal
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B01D 53/18 (2006.01)
B01D 53/22 (2006.01)
B01D 53/24 (2006.01)
B01D 53/62 (2006.01)
B63G 8/36 (2006.01)
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(72) Potter, Andrew Robert
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B01D 53/18 (2006.01)
B01D 53/047 (2006.01)
B01D 53/62 (2006.01)
B01D 53/75 (2006.01)
B63G 8/36 (2006.01)
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carbon dioxide removal in rail-guided vehicle combination and
(51) Int. Cl. vehicle suitable for it
B01D 53/18 (2006.01) (51) Int. Cl.
B01D 53/047 (2006.01) *B60T 17/22* (2006.01)
B01D 53/62 (2006.01) *B61L 27/57* (2022.01)
B63G 8/36 (2006.01) *G07C 5/08* (2006.01)
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(51) Int. Cl. OBJECT DETECTION IN DAYTIME
B63B 49/00 (2006.01) SKY IMAGES
H04N 23/51 (2023.01) (51) Int. Cl.
H04N 23/55 (2023.01) *G06V 10/60* (2022.01)
G03B 17/55 (2021.01)
G06F 16/909 (2019.01)
G06T 5/10 (2006.01)
G06T 5/20 (2006.01)
G06T 7/11 (2017.01)
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G06V 20/13 (2022.01)
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A61M 1/00 (2006.01)
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A61B 34/30 (2016.01)
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(72) Malackowski, Donald W.
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(51) Int. Cl.
A61F 9/02 (2006.01)
A61B 90/50 (2016.01)
A62B 17/04 (2006.01)
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(51) Int. Cl.
C07K 14/50 (2006.01)
A61K 38/18 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
C07K 19/00 (2006.01)
C12N 15/62 (2006.01)
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C08L 5/00 (2006.01)
B29B 7/48 (2006.01)
B29B 7/94 (2006.01)
B29C 48/08 (2019.01)
C08J 5/18 (2006.01)
C08L 3/02 (2006.01)
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(51) Int. Cl.
A61M 31/00 (2006.01)
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A63F 13/90 (2014.01)
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(51) Int. Cl.
B23Q 17/09 (2006.01)
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B25B 21/00 (2006.01)
B25F 5/00 (2006.01)
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B25H 3/02 (2006.01)
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A61K 31/7105 (2006.01)
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A61K 9/14 (2006.01)
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C07D 471/18 (2006.01)
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A63B 69/18 (2006.01)
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A61F 5/32 (2006.01)
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B82Y 5/00 (2011.01)
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C12M 1/12 (2006.01)
A23L 13/00 (2016.01)
C12M 1/00 (2006.01)
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A61B 17/20 (2006.01)
A61M 5/00 (2006.01)

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A61B 34/10 (2016.01)
A61B 90/00 (2016.01)
G09B 9/00 (2006.01)
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H01R 4/18 (2006.01)
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B65D 71/20 (2006.01)
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B62B 7/06 (2006.01)
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B60N 2/28 (2006.01)
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(72) ZHANG, Kun; MO, Xiaolong
(74) Allens Patent & Trade Mark Attorneys

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(54) A Telescopic Edge Protection Post
(51) Int. Cl.
E04G 25/04 (2006.01)
E04G 21/24 (2006.01)
E04G 21/32 (2006.01)
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(54) SYSTEM FOR TREATMENT AND/OR COATING OF SUBSTRATES
(51) Int. Cl.

D06M 10/02 (2006.01)
C23C 4/134 (2016.01)
D06M 23/00 (2006.01)
H05H 1/24 (2006.01)
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(54) Anticancer drugs and methods of making and using same
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C07C 323/12 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Yissum Research Development Company of the Hebrew University of Jerusalem Ltd. see EPM (IP), Inc.
(21) 2025223761

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

(71) Zonit Structured Solutions, LLC
(11) AU-A-2025226663
(21) 2025226663 (22) 02.09.2025
(54) Relay conditioning and power surge control
(51) Int. Cl.
H02J 9/06 (2006.01)
H01R 13/70 (2006.01)
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(72) PACHOUD, William; CHAPEL, Steve
(74) FPA Patent Attorneys Pty Ltd

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2024201426	Ramachandran, A.; Zaidi, S.B.	2025223772	GigaGen, Inc.
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2024202031	NEWTECH WELLNESS CO.,LTD.	2025223776	empirical innovations, inc.
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2024287110	AKDAŞ SILAH ANONİM ŞİRKETİ		Universitätsmedizin der Johannes Gutenberg-Universit-
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2025200601	Deere & Company	2025223783	Aristocrat Technologies Australia Pty Limited
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2025201406	Polaris Industries Inc.	2025223809	Excalibur Pharmaceuticals, Inc.
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2025223888	HyperStealth Biotechnology Corporation
2025223889	Ferring B.V.
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2025223896	WestRock Packaging Systems, LLC
2025223898	Breville USA, Inc.
2025223899	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
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2025223904	Juno Therapeutics, Inc.; Editas Medicine, Inc.
2025223905	Apple Inc.
2025223907	Integrity Implants Inc.
2025223908	Fisher & Paykel Healthcare Limited
2025223912	University of Washington
2025223913	Institut National de la Sante et de la Recherche Med- icale (INSERM); Assistance Publique Des Hopitaux De Paris; Sorbonne Université; 4Moving Biotech
2025223914	Ace Vision Group Inc.
2025223917	DUG TECHNOLOGY (AUSTRALIA) PTY LTD.; AUS- TRALASIA IP PTY LTD
2025223918	Angel Group Co., Ltd.
2025223931	GeoQuest Systems B.V.
2025223934	Aurora Operations, Inc.
2025223935	Fundació Hospital Universitari Vall d'hebron - Institut de Recerca
2025223939	Sway Innovation Co.
2025223940	IGT
2025223941	The University of Bristol
2025223942	Fisher & Paykel Healthcare Limited
2025223944	Monsanto Technology LLC
2025223945	VDYNE, Inc.
2025223948	Amgen Inc.
2025223950	Tencent America LLC
2025223953	Aquanex Pty Ltd
2025223955	FUJIFILM Diosynth Biotechnologies UK Limited
2025223957	AstraZeneca AB; Mitsubishi Tanabe Pharma Corpora- tion
2025223959	Media Cart Holdings, Inc.
2025226661	Angel Group Co., Ltd.
2025226663	Zonit Structured Solutions, LLC
2025226665	Upside Foods, Inc.
2025226667	Regeneron Pharmaceuticals, Inc.
2025226669	Guardant Health, Inc.
2025226672	CHEVRON ORONITE COMPANY LLC; CHEVRON U.S.A. INC.
2025226673	Checkpoint Surgical, Inc.
2025226674	LG Electronics Inc.
2025226675	Altronic Distributors Pty Ltd
2025226676	Viomerse, Inc.
2025226677	AlveoliX Technologies AG; Universität Bern
2025226679	TARIS Biomedical LLC
2025226681	Aristocrat Technologies, Inc.

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- . (*) Title not in Roman characters
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		18/495,353	26.10.23	US	
(71) 10141120 MANITOBA LIMITED		(43) 15.08.2024			(71) ADIVO GMBH
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(21) 2024310232	(22) 25.06.2024	(74) PHILLIPS ORMONDE FITZPATRICK			(21) 2024246392
(54) AGRICULTURAL PRODUCT TRACK- ING METHOD AND SYSTEM					(22) 26.03.2024
(51) Int. Cl.		(71) ACTINOGEN MEDICAL LIMITED			(54) ANTI-CANINE PD-L1 ANTIBODIES
G06Q 10/0833 (2023.01)		(11) AU-A-2024230864			(51) Int. Cl.
G01F 1/30 (2006.01)		(21) 2024230864	(22) 01.03.2024		C07K 16/28 (2006.01)
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		(72) WILLIAMS, Jason Douglas; PRIESCHL, Michael			
		(74) FB Rice Pty Ltd			
(71) 2A BIOSCIENCES, INC.		(71) ADAMA MAKHTESHIM LTD.			(71) AGR LITHIUM INC.
(11) AU-A-2024225907		(11) AU-A-2024232987			(11) AU-A-2024231917
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(51) Int. Cl.		(51) Int. Cl.			(54) METHOD AND SYSTEM FOR DIS- CHARGING SPENT LITHIUM ION BATTERIES
A61K 31/4045 (2006.01)		A01N 41/12 (2006.01)			(51) Int. Cl.
A61P 25/24 (2006.01)		A01N 43/38 (2006.01)			H01M 10/44 (2006.01)
A61P 29/00 (2006.01)		A01N 47/04 (2006.01)			H01M 6/52 (2006.01)
C07D 209/16 (2006.01)		(87) WO2024/184886			H01M 10/54 (2006.01)
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(72) NICHOLS, David		(74) Davies Collison Cave Pty Ltd			(43) 12.09.2024
(74) James & Wells Intellectual Property					(72) CHAUDHARI, Vijay; NAIK, Amol; TYAGI, Vipin; CHADHA, Nishchay
					(74) Spruson & Ferguson
(71) 3DBIOFIBR INC.		(71) ADAMA MAKHTESHIM LTD.			(71) AIZEN GLOBAL CO., INC.
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(51) Int. Cl.		(51) Int. Cl.			(54) METHOD FOR DETERMINING VALUE OF ELECTRIC ENERGY IN CONSID- ERATION OF POWER GENERATION SOURCE IN EV ECOSYSTEM AND DEVICE FOR PERFORMING SAME
A61L 27/24 (2006.01)		A01N 43/54 (2006.01)			(51) Int. Cl.
A61F 2/08 (2006.01)		A01N 43/40 (2006.01)			G06Q 50/06 (2024.01)
(87) WO2024/178507		A01N 43/42 (2006.01)			B60L 53/50 (2019.01)
(31) 63/449,344	(32) 02.03.23 (33) US	A01N 43/56 (2006.01)			G06Q 50/26 (2024.01)
(43) 06.09.2024		A01N 43/58 (2006.01)			
(72) YAGHOOBIKOOPAE, Hessameddin; FRAMPTON IV, John Paul; KREPLAK, Laurent		A01N 43/653 (2006.01)			(87) WO2024/162588
(74) Madderns Pty Ltd		A01N 43/80 (2006.01)			(31) 10-2023-0014199
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		A01N 47/18 (2006.01)			(72) KANG, Jung Seok
		A01P 3/00 (2006.01)			(74) FPA Patent Attorneys Pty Ltd
		(87) WO2024/184859			
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		(72) CONESE, Salvatore; ROSENMUND, Alexandra			
		(74) Davies Collison Cave Pty Ltd			
(71) A BET A TECHNOLOGY LIMITED					(71)

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(72) KANG, Jung Seok
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- (71)** ALENTIS THERAPEUTICS AG
(11) AU-A-2024239948
(21) 2024239948 **(22)** 22.03.2024
(54) BIOMARKER FOR CANCER TREATMENT USING ANTI-CLAUDIN-1 ANTI-BODIES
(51) Int. Cl.
G01N 33/574 (2006.01)
G01N 33/68 (2006.01)
(87) WO2024/194471
(31) 63/491,860 **(32)** 23.03.23 **(33)** US
(43) 26.09.2024
(72) TOSO, Alberto; ZIMMERMANN, Tina
(74) FPA Patent Attorneys Pty Ltd
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- (71)** ALFA LAVAL CORPORATE AB
(11) AU-A-2024231339
(21) 2024231339 **(22)** 23.02.2024
(54) PROCESS FOR EXTRACTING STARCH, FIBRES AND PROTEIN FROM A PLANT-BASED RAW MATERIAL
(51) Int. Cl.
A23J 1/00 (2006.01)
A23J 1/12 (2006.01)
A23J 1/14 (2006.01)
B04B 11/02 (2006.01)
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(31) 23159851.7 **(32)** 03.03.23 **(33)** EP
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(72) MASIK, Joosep; LUDVIGSEN, Peter
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- (71)** ALIGOS THERAPEUTICS, INC.; MERCK SHARP & DOHME LLC
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(54) MODIFIED SHORT INERFERING NUCLEIC ACID (SINA) MOLECULES AND USES THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
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A61K 48/00 (2006.01)
A61K 9/00 (2006.01)
C12N 15/11 (2006.01)
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(74) Griffith Hack
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B64C 11/06 (2006.01)
B63H 1/20 (2006.01)
B63H 3/00 (2006.01)
B63H 3/02 (2006.01)
B64C 11/00 (2006.01)
B64C 11/20 (2006.01)
B64C 16/30 (2006.01)
B64U 50/13 (2023.01)
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(74) Cooper IP Pty Ltd
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(51) Int. Cl.
A23K 20/142 (2016.01)
A23K 50/30 (2016.01)
(87) WO2024/200238
(31) 10 2023 107 424.5 **(32)** 24.03.23 **(33)** DE
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(74) Davies Collision Cave Pty Ltd
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(54) HUMANISED ANTIBODY AGAINST AMYLOID BETA 42
(51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 25/28 (2006.01)
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(72) SANDBERG, Anders; PIERROU, Stefan
(74) FB Rice Pty Ltd
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(54) IMPROVED WEARABLE BIOSENSOR DEVICE
(51) Int. Cl.
A61B 5/1473 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(54) SYSTEMS TARGETING PSMA AND CA9
(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
C07K 16/40 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/113 (2010.01)
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(54) ILLUMINATED ANATOMICAL MODELS AND ASSOCIATED METHODS
(51) Int. Cl.
G09B 23/30 (2006.01)
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(51) Int. Cl.
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A61P 19/08 (2006.01)
A61P 21/00 (2006.01)
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(51) Int. Cl.
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A61P 25/28 (2006.01)
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A61F 5/055 (2006.01)
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A61K 31/519 (2006.01)
C07D 487/10 (2006.01)
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A61K 31/497 (2006.01)
A61K 31/7034 (2006.01)
A61P 13/12 (2006.01)
(87) WO2024/166009
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(54) METHODS AND SYSTEMS FOR ERROR CORRECTION IN NEUTRAL ATOM QUANTUM COMPUTERS
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G06N 10/70 (2022.01)
G06F 11/07 (2006.01)
G06N 10/20 (2022.01)
G06N 10/40 (2022.01)
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(72) CROW, Daniel
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(54) COMBINATION OF BETA-2-ADRENERGIC RECEPTOR AGONISTS AND GLP-1 RECEPTOR AGONISTS FOR USE IN TREATING HYPERGLYCAEMIA
(51) Int. Cl.
A61K 31/44 (2006.01)
A61K 38/26 (2006.01)
A61K 38/28 (2006.01)
A61K 45/06 (2006.01)
A61P 3/10 (2006.01)
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A61N 1/36 (2006.01)
A61B 5/08 (2006.01)
A61B 5/0205 (2006.01)
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(51) Int. Cl.
A23L 2/60 (2006.01)
A23L 33/10 (2016.01)
A61K 31/19 (2006.01)
A61K 31/353 (2006.01)
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A61K 31/70 (2006.01)
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(11) AU-A-2024253631
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(54) APPARATUS AND METHOD
(51) Int. Cl.
G01S 7/40 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR INHIBITION OF EXPRESSION OF INHIBIN SUBUNIT BETA E (INHBE) GENES
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61P 9/00 (2006.01)
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(51) Int. Cl.
C07D 311/04 (2006.01)
C07D 311/40 (2006.01)
A61K 31/353 (2006.01)
C07B 57/00 (2006.01)
(87) WO2024/192324
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(43) 19.09.2024
(72) BERKOWITZ, Barry A.; BARRETT, Anthony G.; ELLIOTT, Daniel
(74) Dark IP
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(11) AU-A-2024229856
(21) 2024229856 (22) 01.03.2024
(54) FORMULATION
(51) Int. Cl.
A61K 9/20 (2006.01)
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(54) TREATMENT OF PARKINSON'S DISEASE IN A PATIENT USING A GLUCOCEREBROSIDASE ACTIVATOR
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A61K 31/519 (2006.01)
A61P 25/16 (2006.01)
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(31) 63/451,416 (32) 10.03.23 (33) US
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A61K 39/12 (2006.01)
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C07K 14/155 (2006.01)
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(54) DOWNHOLE PLATFORM TOOL AND METHOD OF CLEARING WELL TUBING AND CASING WITH EXOTHERMIC CHEMICALS EMPLOYING A DOWNHOLE PLATFORM TOOL
(51) Int. Cl.
E21B 23/01 (2006.01)
E21B 29/02 (2006.01)
E21B 33/12 (2006.01)
E21B 34/06 (2006.01)
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(72) CARRAGHER, Paul; CLARK, Billy; LEVCHENKO, Andre; MULLEN, Bryon; STEIN, Arild
(74) Halfords IP
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C12Q 1/6804 (2018.01)
C12Q 1/6834 (2018.01)
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G06T 7/00 (2017.01)
G01B 11/16 (2006.01)
G05B 19/4065 (2006.01)
G06N 3/0464 (2023.01)
G06T 7/11 (2017.01)
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C10G 5/06 (2006.01)
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C02F 1/44 (2023.01)
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A61P 25/28 (2006.01)
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A61K 31/517 (2006.01)
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G10L 15/26 (2006.01)
H04L 9/32 (2006.01)
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A61L 2/22 (2006.01)
B05B 7/00 (2006.01)
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B41M 1/04 (2006.01)
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G06Q 50/04 (2012.01)
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C01B 3/24 (2006.01)
C01B 3/02 (2006.01)
C01B 3/04 (2006.01)
C01C 1/04 (2006.01)
C07C 5/10 (2006.01)
C25B 1/04 (2021.01)
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C07C 279/12 (2006.01)
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A61P 21/00 (2006.01)
C12N 15/00 (2006.01)
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B01D 61/42 (2006.01)
B01D 69/02 (2006.01)
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B01D 71/26 (2006.01)
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C01D 15/02 (2006.01)
C02F 1/469 (2023.01)
C22B 26/12 (2006.01)
C25B 9/13 (2021.01)
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C02F 101/10 (2006.01)
C02F 103/08 (2006.01)
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A01C 1/06 (2006.01)
A01N 25/30 (2006.01)
A01N 57/10 (2006.01)
C05G 3/50 (2020.01)
C07F 9/10 (2006.01)
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A61K 9/00 (2006.01)
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(54) ENGINEERED IL-21 VARIANTS AND
METHODS OF USE THEREOF
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C07K 14/54 (2006.01)
A61K 35/00 (2006.01)
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C07K 19/00 (2006.01)
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CHUANG, Hsiang-Chun; HSIEH, Hsin-
Tzu; LU, Yi-Hsuan; CHUANG, Chia-
Yeh; SHEN, Tsai-Kuei; LIN, Yung-Chu;
LI, Yen-Cheng; CHEN, Yu-Chien; LU,
Ying-Shao; LEE, Chun-Hsien; SHIH,
Chiu-Yueh; TSENG, Chi-Ling; JUO,
Zong Sean
(74) Pizzey's Patent and Trade Mark Attor-
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LIMITED
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(54) "APPARATUS FOR SUPPLYING FLU-
ID TO A TISSUE AREA"
(51) Int. Cl.
A61F 13/05 (2024.01)
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A61F 13/0203 (2024.01)
A61F 13/0206 (2024.01)
A61M 1/00 (2006.01)
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Eglantine Penelope Mary; CHEUNG,
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Hao; BARNES, Thomas Heinrich; LU,
Margaret Shi; MCPHEE, Stephen Willi-
am
(74) FB Rice Pty Ltd

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LIMITED
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(54) A HUMIDIFICATION CHAMBER AND
SYSTEM INCORPORATING A HUMID-
IFICATION CHAMBER
(51) Int. Cl.
A61M 16/16 (2006.01)
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A61M 16/08 (2006.01)
A61M 16/10 (2006.01)
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HAMILTON, Zane, Robert; WHITE,
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EDWARDS, Taylor, James
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2024228694 (22) 29.02.2024
(54) TREE PRUNER
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A01G 3/025 (2006.01)
A01G 3/037 (2006.01)
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SEPPÄLÄINEN, Erkki; LEMMETYIN-
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(74) Griffith Hack

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B29C 63/10 (2006.01)
B29B 7/88 (2006.01)
B29B 9/12 (2006.01)
B29C 53/00 (2006.01)
B29C 53/58 (2006.01)
B32B 1/08 (2006.01)
B32B 27/12 (2006.01)
B32B 27/30 (2006.01)
C08L 27/06 (2006.01)
F16L 11/04 (2006.01)
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C12N 15/113 (2010.01)
A61K 48/00 (2006.01)
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A43B 5/18 (2006.01)
A43D 8/18 (2006.01)
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G01R 31/367 (2019.01)
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(54) PHOTOCHEMICAL SYSTEMS AND METHODS FOR PREPARING CYANO-BENZAMIDES
(51) Int. Cl.
C07C 253/14 (2006.01)
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B64C 39/10 (2006.01)
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(51) Int. Cl.
G06K 7/10 (2006.01)
G07F 17/32 (2006.01)
G01S 13/75 (2006.01)
G06K 19/04 (2006.01)
G06K 19/07 (2006.01)
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(54) COMPOUND OR SALT THEREOF, LIPID COMPOSITION, PHARMACEUTICAL COMPOSITION, AND DELIVERY CARRIER
(51) Int. Cl.
C07C 219/06 (2006.01)
A61K 31/7105 (2006.01)
A61K 31/711 (2006.01)
A61K 38/02 (2006.01)
A61K 45/00 (2006.01)
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A61K 47/28 (2006.01)
A61K 47/44 (2017.01)
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(54) MUTANTS OF A LIGAND-DEPENDENT COREPRESSOR (LCOR) AND USES THEREOF
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A61P 35/00 (2006.01)
C07K 14/47 (2006.01)
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- (71) GENOME AND COMPANY
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(21) 2024222562 (22) 02.02.2024
(54) ANTI-CNTN4 ANTIBODY AND USES THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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(31) 10-2023-0020056 (32) 15.02.23 (33) KR
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(21) 2024214423 (22) 02.02.2024
(54) HSC-SPECIFIC ANTIBODY CONJUGATED LIPID NANOPARTICLES AND USES THEREOF
(51) Int. Cl.
A61K 47/54 (2017.01)
A61K 47/68 (2017.01)
A61K 47/69 (2017.01)
A61K 48/00 (2006.01)
C07C 217/08 (2006.01)
C07C 233/36 (2006.01)
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(72) BOESCH, Austin Wayne; BORGES, Christopher; DRUMMOND, Daryl Clark; HOPE, Jacob; LECHAUVE, Christophe; MUELLER, Christian			(74) PHILLIPS ORMONDE FITZPATRICK	(74) PHILLIPS ORMONDE FITZPATRICK
(74) Griffith Hack				
(71) GEOVISTA INC.			(71) GH RESEARCH IRELAND LIMITED	(71) GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH
(11) AU-A-2024235509			(11) AU-A-2023427437	(11) AU-A-2024277440
(21) 2024235509 (22) 14.03.2024			(21) 2023427437 (22) 27.09.2023	(21) 2024277440 (22) 30.04.2024
(54) ANTIBODY SPECIFICALLY BINDING TO INTERLEUKIN-13, AND USE THEREOF			(54) 5-METHOXY-N,N-DIMETHYLTRYPTAMINE FOR USE IN THE TREATMENT OF MENTAL DISORDERS IN BREASTFEEDING MOTHERS	(54) SENSOR AND METHOD FOR CHECKING VALUE DOCUMENTS, IN PARTICULAR BANK NOTES, AND VALUE DOCUMENT PROCESSING APPARATUS
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.
C07K 16/24 (2006.01)			A61K 31/4045 (2006.01)	G07D 7/12 (2016.01)
A61K 39/00 (2006.01)			A61K 9/00 (2006.01)	G07D 7/1205 (2016.01)
A61P 35/00 (2006.01)			A61P 25/24 (2006.01)	G07D 7/183 (2016.01)
A61P 37/00 (2006.01)				G07D 7/185 (2016.01)
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(11) AU-A-2024232657			(72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise	(11) AU-A-2024273010
(21) 2024232657 (22) 07.03.2024			(74) PHILLIPS ORMONDE FITZPATRICK	(21) 2024273010 (22) 03.04.2024
(54) MULTISTAGE REACTOR SYSTEMS AND PROCESSES FOR CONVERSION OF OXYGENATES				(54) BALLOON CATHETER
(51) Int. Cl.				(51) Int. Cl.
C07C 1/20 (2006.01)			(71) GH RESEARCH IRELAND LIMITED	A61M 25/10 (2013.01)
C07C 1/24 (2006.01)			(11) AU-A-2023427992	(87) WO2024/236925
C07C 2/08 (2006.01)			(21) 2023427992 (22) 27.09.2023	(31) 2023-082515 (32) 18.05.23 (33) JP
C07C 11/02 (2006.01)			(54) TREATMENT OF MENTAL DISORDERS	(43) 21.11.2024
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B01J 8/04 (2006.01)			A61K 31/4045 (2006.01)	(74) Baxter Patent Attorneys Pty Ltd
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(54) 5-METHOXY-N,N-DIMETHYLTRYPTAMINE FOR THE TREATMENT OF POSTPARTUM DEPRESSION			EP2023/057885	(54) A FEEDWATER PREPARATION METHOD FOR ALKALINE ELECTROLYSER SYSTEM AND A FEEDWATER PREPARATION SYSTEM
(51) Int. Cl.			(43) 08.08.2024	(51) Int. Cl.
A61K 31/4045 (2006.01)			(72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise	C25B 1/04 (2021.01)
A61K 9/00 (2006.01)			(74) PHILLIPS ORMONDE FITZPATRICK	C25B 9/77 (2021.01)
A61P 25/00 (2006.01)				C25B 15/02 (2021.01)
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(21) 2023426967 (22) 27.09.2023			(21) 2023428136 (22) 27.09.2023	(21) 2024233691 (22) 11.03.2024
(54) 5-METHOXY-N,N-DIMETHYLTRYPTAMINE FOR THE TREATMENT OF POSTPARTUM DEPRESSION			(54) 5-MEO-DMT FOR USE IN THE TREATMENT OF POSTPARTUM DEPRESSION	(54) NANOBODY FOR NOROVIRUS
(51) Int. Cl.			(51) Int. Cl.	(51) Int. Cl.
A61K 31/4045 (2006.01)			A61P 25/24 (2006.01)	C07K 16/10 (2006.01)
A61K 9/00 (2006.01)			A61K 9/00 (2006.01)	A61K 39/00 (2006.01)
A61P 25/00 (2006.01)			A61K 31/4045 (2006.01)	A61K 39/42 (2006.01)
A61P 25/24 (2006.01)				A61P 31/14 (2006.01)
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(72) HANSMAN, Grant
(74) FB Rice Pty Ltd

(71) GRIPPLE LIMITED
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(54) CLAMPING APPARATUS WITH FLEXIBLE TRUNKING
(51) Int. Cl.
B65D 63/16 (2006.01)
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(74) Spruson & Ferguson

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(51) Int. Cl.
C01B 3/04 (2006.01)
C01B 3/02 (2006.01)
C01B 3/12 (2006.01)
C01B 3/36 (2006.01)
C10J 3/02 (2006.01)
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(72) EL ZAHAB, Zaher; LI, Bo; EASTLAND, Anthony; VAN DYK, Johan
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(54) METHOD AND APPARATUS FOR ESTABLISHING GLUCOCORTICOID MASS SPECTROMETRY DATABASE, METHOD AND APPARATUS FOR APPLYING GLUCOCORTICOID MASS SPECTROMETRY DATABASE, AND DEVICE
(51) Int. Cl.
G16B 50/00 (2019.01)
G01N 30/86 (2006.01)
G16B 40/10 (2019.01)
G16C 20/20 (2019.01)
G16C 20/40 (2019.01)
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(74) Madderns Pty Ltd

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(21) 2024239418 **(22)** 20.03.2024
(54) A PROCESS FOR PREPARING HIGH-PURITY ALKALI METAL HEXAFLUOROPHOSPHATE AND THE ALKALI METAL HEXAFLUOROPHOSPHATE PREPARED THEREFROM
(51) Int. Cl.
C01D 3/02 (2006.01)
C01B 25/10 (2006.01)
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(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) H. C. STARCK TUNGSTEN GMBH
(11) AU-A-2024284106
(21) 2024284106 **(22)** 05.06.2024
(54) METHOD FOR SEPARATING LI IONS AND NA IONS
(51) Int. Cl.
C22B 3/08 (2006.01)
B01D 61/44 (2006.01)
C01D 15/02 (2006.01)
C01D 15/08 (2006.01)
C22B 3/00 (2006.01)
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C22B 26/12 (2006.01)
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(31) 23178439.8 **(32)** 09.06.23 **(33)** EP
(43) 12.12.2024
(72) MEESE-MARKTSCHIEFFEL, Juliane; OLBRICH, Armin; EGEGERG, Alexander; ZEUGNER, Alexander; WOLFF, Alexander
(74) MBIP

(71) H. J. HEINZ COMPANY BRANDS LLC
(11) AU-A-2024230179
(21) 2024230179 **(22)** 27.02.2024
(54) MULTI-CONDIMENT DISPENSING APPARATUS, SYSTEMS, AND RELATED METHODS
(51) Int. Cl.
B67D 1/00 (2006.01)
B67D 1/08 (2006.01)
(87) WO2024/182369
(31) 63/448,936 **(32)** 28.02.23 **(33)** US
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(72) HECKMAN, Melanie; WONG, Connie; ROMAN, Maxine J.; MIDKIFF, Todd Christopher; COFFIN, Eleanor Joy; LACY, Brandon Michael; ROBERTS, Levi Daniel; MENDENHALL, Andrew Brent; SEALS, Isaac Newton; NAIMON, Errol Jeffrey
(74) AJ PARK

(71) HANGZHOU GREAT STAR INDUSTRIAL CO., LTD.
(11) AU-A-2023444154
(21) 2023444154 **(22)** 20.04.2023
(54) STACKING SYSTEM
(51) Int. Cl.
B65D 21/036 (2006.01)
B65D 21/028 (2006.01)
(87) WO2024/216593
(43) 24.10.2024
(72) LI, Yueming
(74) Madderns Pty Ltd

(71) HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.
(11) AU-A-2024229324
(21) 2024229324 **(22)** 01.03.2024
(54) IMAGE DECODING AND ENCODING METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
H04N 19/124 (2014.01)
G06N 3/02 (2006.01)
(87) WO2024/179563
(31) 202310209226.1 **(32)** 01.03.23 **(33)** CN
(43) 06.09.2024
(72) YIN, Shiyang; CHEN, Fangdong; WANG, Li; WU, Xiaoyang
(74) FB Rice Pty Ltd

(71) HARDROCK MINING SOLUTIONS PTY LTD
(11) AU-A-2024226754
(21) 2024226754 **(22)** 19.02.2024
(54) INSTALLATION TOOL FOR INSERTING A ROCK BOLT
(51) Int. Cl.
E21D 21/00 (2006.01)
E21D 20/00 (2006.01)
(87) WO2024/173981
(31) 2023900444 **(32)** 21.02.23 **(33)** AU
(43) 29.08.2024
(72) MCLAREN, Clarissa Elizabeth
(74) SPICER SPICER PTY LTD

(71) HETHERINGTON, L.A.
(11) AU-A-2024229172
(21) 2024229172 **(22)** 01.03.2024
(54) METHOD FOR FACILITATING NON-VERBAL COMMUNICATION BETWEEN A FIRST PERSON AND A SECOND PERSON
(51) Int. Cl.
G06Q 50/20 (2012.01)
G06F 3/04817 (2022.01)
G07C 9/30 (2020.01)
H04L 51/00 (2022.01)
H04M 1/724 (2021.01)
(87) WO2024/178475
(31) 2023900531 **(32)** 01.03.23 **(33)** AU
(43) 06.09.2024
(72) HETHERINGTON, Lara Ann
(74) MBIP

(71) HISTOSONICS, INC.
(11) AU-A-2024257180
(21) 2024257180 **(22)** 22.04.2024

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(51) Int. Cl.
A61B 34/20 (2016.01)
A61B 5/055 (2006.01)
A61B 8/08 (2006.01)
A61B 34/30 (2016.01)
A61N 7/02 (2006.01)
G06T 7/13 (2017.01)
G06T 7/70 (2017.01)
G16H 30/20 (2018.01)
G16H 50/20 (2018.01)
(87) WO2024/221001
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G06Q 10/20 (2023.01)
G06Q 10/04 (2023.01)
G06Q 50/40 (2024.01)
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H04W 72/04 (2023.01)
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C21B 13/00 (2006.01)
C21B 13/12 (2006.01)
C21B 13/14 (2006.01)
C21C 5/52 (2006.01)
C21C 5/56 (2006.01)
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G01N 33/24 (2006.01)
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A61B 17/86 (2006.01)
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C01D 15/08 (2006.01)
C01B 35/10 (2006.01)
C01C 1/18 (2006.01)
C01D 7/12 (2006.01)
C01D 7/18 (2006.01)
C01F 5/06 (2006.01)
C22B 3/06 (2006.01)
C22B 26/12 (2006.01)
C22B 26/22 (2006.01)
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A61K 31/196 (2006.01)
A61P 25/00 (2006.01)
A61P 37/00 (2006.01)
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C12Q 1/6855 (2018.01)
C12N 15/10 (2006.01)
C12Q 1/686 (2018.01)
C12Q 1/6869 (2018.01)
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(21) 2024217674 **(22)** 06.02.2024
(54) PRODUCTION OF A SACCHARIDE BY A CELL WITH REDUCED SYNTHESIS OF LACTOBIONIC ACID
(51) Int. Cl.
C07K 14/245 (2006.01)
C12N 9/10 (2006.01)
C12N 15/52 (2006.01)
C12N 15/70 (2006.01)
C12P 19/18 (2006.01)
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LU503441 06.02.23 LU
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(54) PRODUCTION OF A DISACCHARIDE AND/OR MILK OLIGOSACCHARIDE BY A CELL WITH REDUCED SYNTHESIS OF UDP-GLCNAC
(51) Int. Cl.
C12N 9/10 (2006.01)
C12N 9/12 (2006.01)
C12N 9/90 (2006.01)
C12N 15/52 (2006.01)
C12N 15/63 (2006.01)
C12N 15/70 (2006.01)
C12P 19/18 (2006.01)
C12R 1/19 (2006.01)
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(31) 23155271.2 **(32)** 07.02.23 **(33)** EP
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(11) AU-A-2024237790
(21) 2024237790 **(22)** 08.03.2024
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F27D 99/00 (2010.01)
F27B 14/06 (2006.01)
F27D 11/02 (2006.01)
H02S 10/10 (2014.01)
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B65G 47/14 (2006.01)
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(54) FUEL QUALITY DETERMINATION SYSTEMS AND ASSOCIATED METHODS OF OPERATION
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F02D 41/00 (2006.01)
F02D 19/02 (2006.01)
F02D 19/06 (2006.01)
F02D 41/04 (2006.01)
F02D 41/26 (2006.01)
F02D 41/30 (2006.01)
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C02F 1/461 (2023.01)
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H01M 12/08 (2006.01)
C25B 1/135 (2021.01)
C25B 9/015 (2021.01)
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H01M 8/04701 (2016.01)
H01M 8/04746 (2016.01)
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H04W 72/1268 (2023.01)
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H04L 1/1829 (2023.01)
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H04L 1/1829 (2023.01)
H04W 72/23 (2023.01)
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A23C 9/137 (2006.01)
A23L 29/00 (2016.01)
A23L 29/20 (2016.01)
A23L 33/21 (2016.01)
A61K 31/716 (2006.01)
A61K 31/721 (2006.01)
C08B 37/00 (2006.01)
C08L 5/02 (2006.01)
C12N 9/10 (2006.01)
C12P 19/08 (2006.01)
C12P 19/18 (2006.01)
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(54) METHOD FOR DETECTION OF NUCLEIC ACID END(S)
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C12Q 1/6804 (2018.01)
C12Q 1/6841 (2018.01)
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(21) 2024218392 (22) 06.02.2024
(54) LIQUID BASE PRODUCT, LIQUID FORMULATED PRODUCT, LIQUID END PRODUCT, RENEWABLE AND BIODEGRADABLE FLEXIBLE POLYMER, PROCESS FOR MANUFACTURING A LIQUID BASE PRODUCT, PROCESS FOR MANUFACTURING A LIQUID FORMULATED PRODUCT, PROCESS FOR MANUFACTURING A LIQUID END PRODUCT, PROCESS FOR MANUFACTURING A RENEWABLE AND BIODEGRADABLE FLEXIBLE POLYMER
(51) Int. Cl.
C08G 18/36 (2006.01)
C08G 18/42 (2006.01)
C08G 18/48 (2006.01)
C08G 18/72 (2006.01)
C08G 63/00 (2006.01)
C08J 9/12 (2006.01)
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G06F 40/10 (2020.01)
G06F 16/93 (2019.01)
G06F 40/186 (2020.01)
G06N 5/00 (2023.01)
G06N 20/00 (2019.01)
G06F 17/00 (2019.01)
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(54) METHODS FOR PREPARING CRYSTALLINE PEPTIDE INHIBITORS OF INTERLEUKIN-23 RECEPTOR
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A61P 37/02 (2006.01)
A61K 38/10 (2006.01)
C07K 7/08 (2006.01)
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(21) 2024215852 (22) 02.02.2024
(54) GENE THERAPY VECTORS FOR USE IN PARKINSON'S DISEASE
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
(87) WO2024/161032
(31) 63/443,289 (32) 03.02.23 (33) US
(43) 08.08.2024
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(54) AN ENGINE CONTROL SYSTEM
(51) Int. Cl.
F02D 41/00 (2006.01)
F02D 19/06 (2006.01)
F02D 41/04 (2006.01)
F02D 41/06 (2006.01)
F02D 41/12 (2006.01)
F02P 17/12 (2006.01)
(87) WO2024/189324
(31) 2303550.4 (32) 10.03.23 (33) GB
(43) 19.09.2024
(72) PATEL, Divyesh; JEFFERY, Anthony
(74) Madderns Pty Ltd
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- (71) JFE STEEL CORPORATION
(11) AU-A-2024244729
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(54) METHOD FOR PRODUCING MOLTEN IRON
(51) Int. Cl.
C21B 11/10 (2006.01)
C21B 13/00 (2006.01)
C22B 1/24 (2006.01)
(87) WO2024/202851
(31) 2023-053362 (32) 29.03.23 (33) JP
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(74) Davies Collison Cave Pty Ltd
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- (71) JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
(11) AU-A-2024217108
(21) 2024217108 (22) 07.02.2024
(54) CRYSTALLINE FORM OF SULFONAMIDE DERIVATIVE AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/42 (2006.01)
A61P 35/00 (2006.01)
C07D 498/14 (2006.01)
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(71) JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED (11) AU-A-2024268143 (21) 2024268143 (22) 25.04.2024 (54) METHOD OF PASSIVATING A FISCHER-TROPSCH CATALYST (51) Int. Cl. C10G 2/00 (2006.01) B01J 33/00 (2006.01) B01J 38/04 (2006.01) (87) WO2024/231654 (31) 2306879.4 (32) 10.05.23 (33) GB (43) 14.11.2024 (72) CLAPP, Jillian; CLARKSON, Jay Simon; COE, Andrew James (74) Spruson & Ferguson	(71) KABUSHIKI KAISHA YAKULT HONSHA (11) AU-A-2024219022 (21) 2024219022 (22) 01.02.2024 (54) METHOD FOR PRODUCING YEAST FERMENTATION PREPARATION, AND YEAST FERMENTATION PREPARATION (51) Int. Cl. C12P 1/02 (2006.01) C12N 1/16 (2006.01) C12P 7/62 (2022.01) (87) WO2024/166793 (31) 2023-016785 (32) 07.02.23 (33) JP (43) 15.08.2024 (72) IZAWA Naoki; TANAKA Hinano; TSUKIMOTO Moriya; SHIBATA Shinya (74) Davies Collison Cave Pty Ltd	(71) KINDEVA DRUG DELIVERY L.P. (11) AU-A-2024230006 (21) 2024230006 (22) 01.03.2024 (54) METERED DOSE INHALERS AND SOLUTIONS INCLUDING CANNABINOIDS IN HFA-152A (51) Int. Cl. A61K 9/00 (2006.01) A61K 31/00 (2006.01) A61K 47/06 (2006.01) A61K 47/10 (2017.01) A61M 15/00 (2006.01) (87) WO2024/182686 (31) 63/449,438 (32) 02.03.23 (33) US (43) 06.09.2024 (72) COCKS, Philip; WRIGGLESWORTH, Sarah (74) Davies Collison Cave Pty Ltd
(71) JOINT STOCK COMPANY "BIOCAD" (11) AU-A-2024237201 (21) 2024237201 (22) 07.03.2024 (54) ISOLATED BISPECIFIC ANTIBODY THAT SPECIFICALLY BINDS TO CD3 AND TUMOR ANTIGEN, AND USE THEREOF (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) (87) WO2024/191322 (31) 2023105614 (32) 10.03.23 (33) RU (43) 19.09.2024 (72) BELIASNIKOVA, Alina Valerevna; FILINA, Valentina Yurevna; IVANOVA, Anastasiya Andreevna; KYTMANOVA, Olga Leonidovna; LEGOTSKII, Sergei Aleksandrovich; KRAT, Sergei Mikhailovich; MOROZOV, Dmitry Valentinovich (74) Arceo IP	(71) KAGOSHIMA UNIVERSITY; PEPTIDE INSTITUTE, INC. (11) AU-A-2024234975 (21) 2024234975 (22) 15.03.2024 (54) METHOD FOR PRODUCING RADIO-LABELED ANTIBODY, RADIO-LABELED ANTIBODY, AND RADIOACTIVE MEDICINE (51) Int. Cl. C07K 19/00 (2006.01) C07K 7/08 (2006.01) C07K 16/00 (2006.01) (87) WO2024/190896 (31) 2023-040529 (32) 15.03.23 (33) JP (43) 19.09.2024 (72) KISHIMOTO Satoshi; KOTANI Hiroshi; ITO Yuji; YOSHIYA Taku; TSUDA Shugo (74) FB Rice Pty Ltd	(71) KLIMA, H.; KLIMA, S. (11) AU-A-2024246349 (21) 2024246349 (22) 29.03.2024 (54) SAILING SHIP (51) Int. Cl. B63H 9/061 (2020.01) (87) WO2024/200807 (31) A 50226/2023 (32) 30.03.23 (33) AT 23165437.7 30.03.23 EP (43) 03.10.2024 (72) KLIMA, Herwig; KLIMA, Susanne (74) PHILLIPS ORMONDE FITZPATRICK
(71) J-STRUT LIMITED (11) AU-A-2024217293 (21) 2024217293 (22) 05.02.2024	(71) KIMBERLY-CLARK WORLDWIDE, INC. (11) AU-A-2024221106 (21) 2024221106 (22) 13.02.2024 (54) A NONWOVEN MATERIAL WITH LOW SPUNBOND MULTICOMPONENT FIBERS (51) Int. Cl. A61F 13/511 (2006.01) A61L 15/22 (2006.01) D01D 5/24 (2006.01) D04H 3/073 (2012.01) (87) WO2024/173299 (31) 63/484,768 (32) 14.02.23 (33) US (43) 22.08.2024 (72) KECK, Laura E.; LENNON, Eric E. (74) Spruson & Ferguson	(71) KODIAK ROBOTICS, INC. (11) AU-A-2024231117 (21) 2024231117 (22) 05.03.2024 (54) SYSTEMS AND METHODS FOR PLANNING A TRAJECTORY OF AN AUTONOMOUS VEHICLE BASED ON ONE OR MORE OBSTACLES (51) Int. Cl. G06V 20/58 (2022.01) G01S 17/93 (2020.01) (87) WO2024/186812 (31) 18/178,705 (32) 06.03.23 (33) US 18/178,720 06.03.23 US 18/178,725 06.03.23 US 18/178,746 06.03.23 US

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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(51) Int. Cl.
G01C 21/16 (2006.01)
B60W 60/00 (2020.01)
G01C 21/34 (2006.01)
G05D 1/00 (2024.01)
G06V 20/58 (2022.01)
G08G 1/16 (2006.01)
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(72) OTIS, Collin C.; DU TOIT, Philip C.
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2024233072 (22) 05.03.2024
(54) SYSTEMS AND METHODS FOR GENERATING A HEATMAP CORRESPONDING TO AN ENVIRONMENT OF A VEHICLE
(51) Int. Cl.
G06V 10/82 (2022.01)
G06V 20/56 (2022.01)
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(72) VYAS, Kenar; ROELOFS, Sean; OTIS, Collin C.; DU TOIT, Philip C.
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) KOENEMAN, R.L.
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(54) HYDROGEN GENERATION SYSTEM UTILIZING PLASMA CONFINED BY PULSED ELECTROMAGNETIC FIELDS IN A LIQUID ENVIRONMENT
(51) Int. Cl.
C01B 3/02 (2006.01)
B01J 12/00 (2006.01)
H05H 1/48 (2006.01)
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(72) KOSTIĆ, Marko
(74) Griffith Hack

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(72) KOCH, Andrey
(74) PHILLIPS ORMONDE FITZPATRICK

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H04L 9/40 (2022.01)
G01D 4/00 (2006.01)
H04L 67/12 (2022.01)
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(72) WIEDMAN, Todd
(74) GLMR

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H04W 52/02 (2009.01)
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(72) HINDY, Ahmed; NANGIA, Vijay
(74) FPA Patent Attorneys Pty Ltd

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A47L 7/00 (2006.01)

A47L 9/20 (2006.01)
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A61L 2/04 (2006.01)
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(74) FB Rice Pty Ltd

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(54) GARMENT PROCESSING DEVICE
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D06F 39/10 (2006.01)
D06F 37/04 (2006.01)
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D06F 58/20 (2006.01)
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(72) LEE, Juhyoung; AHN, Seungphyo; PARK, Bio; KIM, Yejin; JUNG, Joosik
(74) Dentons Patent Attorneys Australasia Limited

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(54) DETERGENT SUPPLY DEVICE AND LAUNDRY TREATMENT APPARATUS HAVING THE SAME
(51) Int. Cl.
D06F 39/02 (2006.01)
D06F 37/12 (2006.01)
D06F 39/08 (2006.01)
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(31) 10-2023-0129267 (32) 26.09.23 (33) KR
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(72) JUNG, Sungwoon; PARK, Junghyun; KIM, Kunwoo
(74) Dentons Patent Attorneys Australasia Limited

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C12N 5/0787 (2010.01)
A61K 35/15 (2015.01)
A61P 31/00 (2006.01)
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ana; MCGINLEY, Aoife; FLORENCE,
Samuel; PATEL, Mihil; PATEL, Durva;
WILLIS, Andrew
(74) FB Rice Pty Ltd

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(54) IMMUNOMODULATORY CELLS AND
COMPOSITIONS
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C12N 5/0787 (2010.01)
A61K 35/15 (2015.01)
A61P 31/00 (2006.01)
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WILLIS, Andrew
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B65F 1/08 (2006.01)
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(74) Westmark IP

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(54) PROCESS AND SYSTEM
(51) Int. Cl.
C25B 3/23 (2021.01)
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C25B 11/037 (2021.01)
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(72) RANKIN, David Michael; WU, Ting
(74) AJ PARK

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AR, Siddharth; HAQ, Farhan
(74) JMDS IP Pty Ltd

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SURGICAL SYSTEM INCLUDING THE
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Amir, Ali
(74) Davies Collision Cave Pty Ltd

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(54) VERIFYING ITEMS IN A SHOPPING
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G01G 19/414 (2006.01)
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G06N 5/00 (2023.01)
G07G 1/00 (2006.01)
G06Q 10/087 (2023.01)
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(72) SANZARI, Michael, Joseph;
BEAUREGARD, Graham; KELLY,
Griffin
(74) FB Rice Pty Ltd

(71) MASSACHUSETTS INSTITUTE OF
TECHNOLOGY; JAGUAR GENE
THERAPY, LLC
(11) AU-A-2024224635
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(54) SHANK3 GENE THERAPY AP-
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A61K 48/00 (2006.01)
A61K 31/711 (2006.01)
A61K 38/17 (2006.01)
A61P 25/00 (2006.01)
C12N 15/86 (2006.01)
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(72) FENG, Guoping; GAO, Xian; MEI,
Yuan; FOUST, Kevin; MCCOY, Daniel
(74) Pizzeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) MAXIMATOR GMBH
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(54) METHOD FOR REFILLING A HYDRO-
GEN TANK
(51) Int. Cl.
F17C 5/06 (2006.01)
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(72) ADLER, Michael; NAGL, Christoph;
ADLER, Robert; RASCH, Markus;
STEPHAN, Markus
(74) Spruson & Ferguson

(71) MAXIMATOR GMBH
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(54) HYDROGEN STORE HAVING A LI-
QUID PISTON
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F04B 15/08 (2006.01)
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F04B 53/14 (2006.01)
F04F 1/06 (2006.01)
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F17C 1/00 (2006.01)
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ADLER, Robert; RASCH, Markus;
STEPHAN, Markus
(74) Spruson & Ferguson

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C12N 5/077 (2010.01)
A23L 13/00 (2016.01)
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(72) VAN DER WAL, Erik; QUINNEY, Kyle
Bill; OUT, Ruud
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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(72) PEKAR, Lukas; ZIELONKA, Stefan;
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LIPINSKI, Britta
(74) Griffith Hack
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TURING METHOD
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A61K 35/17 (2015.01)
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A61P 37/06 (2006.01)
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(74) FB Rice Pty Ltd
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(54) CLASS 2, TYPE V CRISPR SYSTEMS
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 9/12 (2006.01)
C12N 9/22 (2006.01)
C12N 15/11 (2006.01)
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BROTHERS, Molly; BROWN, Chris-
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TELLE, Cindy; GOLTSMAN, Daniela
S.A.; GONZALEZ-OSORIO, Liliana;
MATHEUS CARNEVALI, Paula B.
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LIMITED
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(54) CULTURING DEVICE AND METHOD
(51) Int. Cl.
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(72) SOWERBY, Stephen John; FEN-
NESSY, Peter Francis; JONES, Martin
David
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(54) DETERMINING GATE STATE AND RE-
MEDIAL MEASURES USING GATE
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(51) Int. Cl.
E06B 11/02 (2006.01)
E05F 15/00 (2015.01)
G07C 9/10 (2020.01)
E06B 9/68 (2006.01)
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Leah; THOMPSON, Zachary James;
KUFALK, Kyle Bradley; HERRERA, Lu-
is Felipe Rodriguez; ORTEGA, Antonio;
ISRAEL, Alexander David
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(54) METHOD FOR PRODUCING AMIDE
COMPOUND
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C12P 13/02 (2006.01)
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FOR PRODUCING BIOMASS SOLID
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C10L 5/44 (2006.01)
C10B 53/02 (2006.01)
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(51) Int. Cl.
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A61B 17/56 (2006.01)
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H04B 7/195 (2006.01)
H04B 17/309 (2015.01)
H04W 40/24 (2009.01)
H04W 84/18 (2009.01)
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AND USES THEREOF
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C07K 16/30 (2006.01)
A61K 31/4745 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(51) Int. Cl.
G06F 3/01 (2006.01)
A61B 5/291 (2021.01)
A61B 5/389 (2021.01)
G06N 20/00 (2019.01)
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(54) PROXIMITY DETECTION
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G08G 9/02 (2006.01)
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(54) LAIR-1 AGONISTIC ANTIBODIES AND METHODS OF USE THEREOF
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C07K 16/28 (2006.01)
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(51) Int. Cl.
B01J 20/04 (2006.01)
B01D 53/14 (2006.01)
B01D 53/62 (2006.01)
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A23L 33/105 (2016.01)
A23L 33/15 (2016.01)
A61K 31/4415 (2006.01)
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(54) PLATED STEEL MATERIAL
(51) Int. Cl.
C23C 2/06 (2006.01)
C22C 18/00 (2006.01)
C22C 18/04 (2006.01)
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(51) Int. Cl.
F03B 13/10 (2006.01)
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(54) SYSTEMS AND METHODS FOR ROBOTIC ENDOLUMINAL SUTURING INSTRUMENT
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A61B 34/30 (2016.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2024231045 (22) 01.03.2024
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(51) Int. Cl.
F04D 1/04 (2006.01)
F04D 13/06 (2006.01)
F04D 13/10 (2006.01)
F04D 17/06 (2006.01)
F04D 25/06 (2006.01)
F04D 29/22 (2006.01)
F04D 31/00 (2006.01)
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(74) Patent Attorney Services
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(51) Int. Cl.
A23L 33/10 (2016.01)
A23L 33/13 (2016.01)
A23L 33/15 (2016.01)
A61K 9/00 (2006.01)
A61K 31/455 (2006.01)
A61K 31/7084 (2006.01)
A61P 25/00 (2006.01)
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(54) DEVICE FOR INDUCING HIGH-FREQUENCY OSCILLATIONS IN A BRAIN
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A61N 5/06 (2006.01)
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 TEM, CONSTRUCTION ASSISTANCE
 METHOD, AND CONSTRUCTION AS-
 SISTANCE PROGRAM
 (51) Int. Cl.
G06Q 50/08 (2012.01)
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 sunori
 (74) JMSD IP Pty Ltd

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 (54) AMINOTHIOLS FOR THE TREAT-
 MENT OF CONDITIONS CHARAC-
 TERIZED BY PROTEIN MISFOLDING
 OR AGGREGATION, MITOCHONDRI-
 AL DYSFUNCTION, OR CHRONIC IN-
 FLAMMATION
 (51) Int. Cl.
A61K 31/145 (2006.01)
A61K 45/06 (2006.01)
A61P 9/10 (2006.01)
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 GOESCH, Sarah, Ricarda
 (74) Pizzey's Patent and Trade Mark Attor-
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 (54) DIAGNOSIS, MONITORING, AND
 TREATMENT OF CONDITIONS CHAR-
 ACTERIZED BY INTRACELLULAR
 FREE RADICALS
 (51) Int. Cl.
C12Q 1/66 (2006.01)
G01N 21/76 (2006.01)
A61P 39/06 (2006.01)
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 sten; GOESCH, Hannah, Rebecca;
 GOESCH, Sarah, Ricarda
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 (54) INFORMATION PROCESSING
 DEVICE, INFORMATION PRO-
 CESSING METHOD, AND PROGRAM
 (51) Int. Cl.
A01G 7/00 (2006.01)
G06Q 50/02 (2024.01)
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 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 9/08 (2006.01)
A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
A61P 1/04 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
A61P 21/04 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
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C07K 16/28 (2006.01)
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 SUNAGA, Atsushi; MIYANABE,
 Kazuhiro; TOGASHI, Yusuke; MAEIE,
 Tadashi
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 TION, LLC
 (11) AU-A-2024233743
 (21) 2024233743 (22) 07.03.2024
 (54) CAPACITIVE MICROMACHINED UL-
 TRASONIC TRANSDUCER AND MAN-
 UFACTURING METHODS THEREOF
 (51) Int. Cl.
H04R 31/00 (2006.01)
A61B 8/00 (2006.01)
B06B 1/02 (2006.01)
B81B 3/00 (2006.01)
B81C 1/00 (2006.01)
G01N 29/24 (2006.01)
H10D 48/00 (2025.01)
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 (54) CLARIFIER WITH CONCENTRIC
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 (51) Int. Cl.
B01D 21/00 (2006.01)
B01D 21/24 (2006.01)
C02F 1/00 (2023.01)
C02F 3/00 (2023.01)
 (87) WO2024/246567
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 (43) 05.12.2024
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 ZÉKÁNY, Anita
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 LTD.
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 DIFFERENTIATION AND MATURA-
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 (51) Int. Cl.
A61K 31/50 (2006.01)
A61P 7/00 (2006.01)
A61P 7/02 (2006.01)
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 (54) CHARGED PARTICLE TRAP APPAR-
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 (51) Int. Cl.
G06N 10/40 (2022.01)
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 (31) 2303091.9 (32) 02.03.23 (33) GB
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 (72) MALINOWSKI, Maciej; ALLCOCK, Dav-
 id; BALLANCE, Chris
 (74) FB Rice Pty Ltd

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(71) PEPSICO, INC. (11) AU-A-2024241594 (21) 2024241594 (22) 28.03.2024 (54) PLANT-BASED PROTEIN BEVERAGE (51) Int. Cl. A23C 11/06 (2006.01) A23C 11/02 (2006.01) A23L 2/66 (2006.01) A23L 11/60 (2021.01) A23L 29/206 (2016.01) (87) WO2024/206564 (31) 18/194,361 (32) 31.03.23 (33) US (43) 03.10.2024 (72) GEMILI, Seyhun (74) Allens Patent & Trade Mark Attorneys	(71) PRECISION AI INC. (11) AU-A-2024218000 (21) 2024218000 (22) 09.02.2024 (54) FIELD TREATMENT USING POWERED PARAFOIL AIRCRAFT (51) Int. Cl. B64D 1/18 (2006.01) A01M 7/00 (2006.01) B64D 17/80 (2006.01) (87) WO2024/164091 (31) 63/484,210 (32) 10.02.23 (33) US (43) 15.08.2024 (72) McCANN, Daniel; STREETT, Andrew (74) FB Rice Pty Ltd	(71) PROVECTUS PHARMATECH, INC.; UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION (11) AU-A-2024244884 (21) 2024244884 (22) 25.03.2024 (54) ANTI-BACTERIAL EFFECT OF HALOGENATED FLUORESCINS AGAINST COLISTIN-RESISTANT GRAM-NEGATIVE BACTERIA (51) Int. Cl. A61K 31/352 (2006.01) A61P 31/04 (2006.01) (87) WO2024/206220 (31) 63/455,501 (32) 29.03.23 (33) US (43) 03.10.2024 (72) KUROSU, Michio; RODRIGUES, Dominic; PERSHING, Edward, V.; HOROWITZ, Bruce; LACEY, John; WACHTER, Eric, A. (74) FPA Patent Attorneys Pty Ltd
(71) PHILIP MORRIS PRODUCTS S.A. (11) AU-A-2024230414 (21) 2024230414 (22) 29.02.2024 (54) AEROSOL-GENERATING ARTICLE HAVING HOLLOW TUBULAR ELEMENT (51) Int. Cl. A24D 1/20 (2020.01) (87) WO2024/180177 (31) 23159494.6 (32) 01.03.23 (33) EP	(71) PRESTON, W.M. (11) AU-A-2024235958 (21) 2024235958 (22) 26.02.2024 (54) WATER-POWERED GENERATOR (51) Int. Cl. F03B 13/26 (2006.01) F03G 3/00 (2006.01) (87) WO2024/189308 (31) 2303521.5 (32) 10.03.23 (33) GB (43) 19.09.2024 (72) PRESTON, William Maxwell (74) PHILLIPS ORMONDE FITZPATRICK	(71) PSIQUANTUM, CORP. (11) AU-A-2024223246 (21) 2024223246 (22) 16.02.2024 (54) QUANTUM SYSTEMS AND METHODS FOR ESTIMATING EXPECTATION VALUES OF ARBITRARY OBSERVABLES ON QUANTUM STATES (51) Int. Cl.

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 (72) SIM, Sukin; POL, William;
 STEUDTNER, Mark
 (74) Treloar IP

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 (21) 2024237502 (22) 07.03.2024
 (54) MOULDING OF HOLLOW MOULDED
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D21J 3/10 (2006.01)
D21J 7/00 (2006.01)
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 (72) PROZESKY, Daniel George
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(71) PURDUE RESEARCH FOUNDATION
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 (21) 2024218853 (22) 06.02.2024
 (54) MECHANICAL THROMBECTOMY
 DEVICES AND METHODS OF USE
 (51) Int. Cl.
A61B 17/22 (2006.01)
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 (72) LEE, Hyowon; ENRIQUEZ, Angel G;
 SAHLEIN, Daniel; NELSON, Peter Kim
 (74) Kings Patent & Trade Marks Attorneys
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 (11) AU-A-2023439548
 (21) 2023439548 (22) 04.04.2023
 (54) SYSTEM AND METHOD FOR CAR-
 RIER AND/OR CELL SWITCH OFF/
 ON OPTIMIZATION BASED ON AN
 A1 POLICY IN A TELECOMMUNICA-
 TIONS NETWORK
 (51) Int. Cl.
H04W 52/02 (2009.01)
H04W 16/24 (2009.01)
H04W 24/02 (2009.01)
H04W 28/06 (2009.01)
H04B 7/06 (2006.01)
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 Awn
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 TION COMPRISING SAID CATALYST
 (51) Int. Cl.

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C11D 3/39 (2006.01)
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 (72) CHIEFFI, Andre; ROTH, Torsten;
 SPOLAORE, Federico
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 INC.
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 (21) 2024229138 (22) 26.02.2024
 (54) LIQUID PHASE PEPTIDE SUPPORT
 SYNTHESIS OF PEPTIDES AND PEP-
 TIDOMIMETICS
 (51) Int. Cl.
C07C 235/20 (2006.01)
A61P 3/10 (2006.01)
C07F 5/02 (2006.01)
C07F 7/18 (2006.01)
C07K 7/06 (2006.01)
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 (31) 63/487,206 (32) 27.02.23 (33) US
 (43) 06.09.2024
 (72) HAN, Amy
 (74) FPA Patent Attorneys Pty Ltd

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 INC.
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 (54) METHODS OF TREATING CANCER
 WITH BISPECIFIC ANTI-CD22 X ANTI-
 CD28 MOLECULES
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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 PRESIDENT AND FELLOWS OF HAR-
 VARD COLLEGE
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 (54) DESTABILIZED ARE 3'UTRS AS
 THERAPEUTICS FOR CANCER
 (51) Int. Cl.
C12Q 1/6886 (2018.01)
A61P 35/00 (2006.01)
C12Q 1/6897 (2018.01)
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 OGUNWOBI, Olorunseun O.
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 DUCED PLURIPOTENT STEM CELLS
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C12N 5/10 (2006.01)
C07K 5/09 (2006.01)
C12N 5/078 (2010.01)
C12N 15/86 (2006.01)
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 Yuuta; HANEDA, Satoshi
 (74) Griffith Hack

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 (21) 2024315542 (22) 26.01.2024
 (54) PROCESSING INFORMATION FORM-
 ING SYSTEM AND PROCESSING IN-
 FORMATION FORMING PROGRAM
 (51) Int. Cl.
G06F 30/13 (2020.01)
E04B 1/26 (2006.01)
G06F 30/20 (2020.01)
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 (21) 2024422120 (22) 23.01.2024
 (54) BEARING WALL, BUILDING HAVING
 BEARING WALL, AND METHOD FOR
 RESTORING BEARING WALL
 (51) Int. Cl.
E04H 9/02 (2006.01)
E04B 2/56 (2006.01)
 (87) WO2025/158545
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 (72) TSUTSUMI Tetsufumi
 (74) James & Wells Intellectual Property

(71) SERAXIS, INC.
 (11) AU-A-2024216100
 (21) 2024216100 (22) 02.02.2024
 (54) THERAPEUTIC CELLS AND METH-
 ODS RELATING TO THE SAME
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C12N 5/071 (2010.01)
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C12N 5/074 (2010.01)
G01N 33/50 (2006.01)
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 NOLOGY CO., LTD; SHANGHAI IN-

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CHINESE ACADEMY OF SCIENCES
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(21) 2024231344 (22) 01.03.2024
(54) USE OF NAPHTHYLAMIDE COM-
POUND IN TREATMENT OF MENIN-
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A61K 31/416 (2006.01)
A61P 35/00 (2006.01)
C07D 231/56 (2006.01)
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Wei; LI, Shenglan; DING, Jian; LIU,
Guangping; DUAN, Wenhui; LIU,
Chenxuan; LAN, Yanjie; CHEN, Xuetao;
XIE, Hua; XIANG, Silong; YANG, Xue;
SHE, Fenglin; SU, Yangzhi; YANG,
Yang
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(11) AU-A-2024229006
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(54) CRYSTAL FORM OF 8-CHLORO-3-
PENTYL-3,7-DIHYDRO-1H-PUR-
IN-2,6-DIONE COMPOUND AND PRE-
PARATION METHOD THEREFOR
(51) Int. Cl.
C07D 473/06 (2006.01)
A61K 31/522 (2006.01)
A61P 13/04 (2006.01)
A61P 13/12 (2006.01)
A61P 19/02 (2006.01)
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NEW ENERGY TECH CO., LTD.
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H01R 13/52 (2006.01)
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(72) XU, Chenglie
(74) SOLIS IP PTY LTD
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- (71) SHERMAN, E.; WOHL, I.
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(54) OPTICAL SYSTEM AND METHOD
FOR MONITORING ABNORMAL-
ITY ASSOCIATED PARAMETERS IN
CELL-CONTAINING SAMPLES
(51) Int. Cl.
G06T 7/00 (2017.01)
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(21) 2024214545 (22) 22.01.2024
(54) WATER AND ENERGY MONITORING
COMPONENTS AND SYSTEMS AND
METHODS OF USE THEREOF
(51) Int. Cl.
G01F 15/06 (2022.01)
F24H 15/148 (2022.01)
G01D 4/00 (2006.01)
G01F 1/66 (2022.01)
G01M 3/28 (2006.01)
G06Q 50/06 (2024.01)
G16Y 10/35 (2020.01)
G16Y 20/30 (2020.01)
G16Y 40/10 (2020.01)
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(72) BLACK, Matthew; LAIRD, Hamish
(74) Remarkable IP
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(21) 2024231516 (22) 08.03.2024
(54) A LID ASSEMBLY AND METHOD OF
USE THEREOF
(51) Int. Cl.
A47J 43/27 (2006.01)
A47J 31/44 (2006.01)
B01F 33/501 (2022.01)
B65D 41/04 (2006.01)
B65D 43/02 (2006.01)
B65D 47/12 (2006.01)
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(72) MACKLIN, Christopher; PILKINGTON,
Andrew
(74) Kings Patent & Trade Marks Attorneys
Pty Ltd
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(54) COMPOUNDS FOR THE TREATMENT
AND PREVENTION OF VIRAL DIS-
EASES
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A61P 31/14 (2006.01)
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(54) SYSTEM AND METHOD FOR MAN-
AGING INTERACTIONS BETWEEN
USERS OF CLIENT APPLICATIONS
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G06F 9/50 (2006.01)
A63F 13/35 (2014.01)
A63F 13/795 (2014.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) A MULTIPURPOSE TOOL
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B25F 1/00 (2006.01)
A01K 13/00 (2006.01)
A45D 29/02 (2006.01)
B25F 1/04 (2006.01)
B26B 13/22 (2006.01)
B26B 17/00 (2006.01)
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(72) JACKSON, Fiona
(74) Baxter Patent Attorneys Pty Ltd
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- (71) SLURRY RECOVERY SERVICES
(PTY) LIMITED
(11) AU-A-2024237847
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(54) PROCESS FOR PRE-TREATING
COAL FINES BEFORE PELLITISING
(51) Int. Cl.
C10L 5/22 (2006.01)
C10L 5/36 (2006.01)
C10L 5/44 (2006.01)
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(72) COETZEE, Johannes Gerhardus; VIL-
JOEN, Johan Hendrik
(74) MEYER WEST IP
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(54) CONVERTER AND METHOD FOR OP-
ERATING A DC SUPPLY NETWORK
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H02J 3/00 (2006.01)
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(72) KRATOCHVIL, Marcel; UNRU, Alexan-
der; SCHRECK, Michael; HÖFLSAUR,
Josef
(74) FPA Patent Attorneys Pty Ltd
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S.A.
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(21) 2024242505 (22) 28.03.2024
(54) METHODS FOR IMPROVING SLEEP
QUALITY AND/OR SUBSEQUENT BE-

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FLAVONOID OR PHENOLIC ACID
(51) Int. Cl.
A61K 31/7048 (2006.01)
A61K 9/00 (2006.01)
A61K 31/192 (2006.01)
A61K 31/216 (2006.01)
A61K 31/352 (2006.01)
A61K 31/405 (2006.01)
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A61P 25/00 (2006.01)
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(72) DARIMONT-NICOLAU, Christian;
OWEN, Lauren; THOTA, Rohith
(74) Spruson & Ferguson

(71) SOCIÉTÉ DES PRODUITS NESTLÉ
S.A.
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(21) 2024245901 (22) 28.03.2024
(54) COMPOSITION FOR USE
(51) Int. Cl.
C12Q 1/14 (2006.01)
A61K 35/741 (2015.01)
A61K 35/745 (2015.01)
C12Q 1/06 (2006.01)
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Olga; FERRIER, Laurent
(74) Spruson & Ferguson

(71) SOCIETE DES PRODUITS NESTLE
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(54) THIN DONUT-SHAPED DRY KIBBLE
FOR SMALL ADULT DOGS
(51) Int. Cl.
A23K 40/00 (2016.01)
A23K 50/42 (2016.01)
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(31) 63/506,542 (32) 06.06.23 (33) US
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(72) ALMANT, Julie; LIGOUT, Séverine; SI-
MONI, Arthur; CAREL, Pascale; BE-
LAHBIB, Julien
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(71) SOCIETE DES PRODUITS NESTLE
SA
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(54) LARGE DONUT-SHAPED DRY
KIBBLE FOR SMALL ADULT DOGS
(51) Int. Cl.
A23K 50/42 (2016.01)
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(72) ALMANT, Julie; LIGOUT, Séverine; SI-
MONI, Arthur; CAREL, Pascale; BE-
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(71) SOREX, INC.
(11) AU-A-2023464323
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H04B 10/112 (2013.01)
H04B 10/118 (2013.01)
H04B 10/40 (2013.01)
H04J 14/02 (2006.01)
H04Q 11/00 (2006.01)
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B32B 27/10 (2006.01)
C09D 167/04 (2006.01)
D21H 11/14 (2006.01)
D21H 19/12 (2006.01)
C08K 5/00 (2006.01)
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C08L 67/04 (2006.01)
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C09D 7/40 (2018.01)
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A61K 31/506 (2006.01)
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G16H 20/00 (2018.01)
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A61P 31/04 (2006.01)
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A61K 31/375 (2006.01)
A61K 33/00 (2006.01)
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A61K 31/194 (2006.01)
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A61K 45/06 (2006.01)
A61P 29/00 (2006.01)
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B09B 3/35 (2022.01)
B27N 3/28 (2006.01)
C04B 14/04 (2006.01)
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C08J 11/06 (2006.01)
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B60L 50/50 (2019.01)
B60L 1/00 (2006.01)
B60L 1/02 (2006.01)
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(11) AU-A-2024235025
(21) 2024235025 (22) 15.03.2024
(54) METHOD FOR RECOVERING RARE EARTHS AND COPRODUCTS FROM PHOSPHOGYPSUM AND PHOSPHORIC ACID SLUDGE
(51) Int. Cl.
C22B 3/22 (2006.01)
C22B 7/00 (2006.01)
C22B 59/00 (2006.01)
(87) WO2024/191279
(31) 23305363.6 (32) 16.03.23 (33) EP
(43) 19.09.2024
(72) KHALESS, Khaoula; CHANOURI, Hamza; BENHIDA, Rachid
(74) Davies Collison Cave Pty Ltd
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- (71) UNIVERSITY OF CINCINNATI
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(21) 2024232531 (22) 08.03.2024
(54) OPTICAL APTAMER BIOSENSORS FOR IN-VIVO SENSING
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/0205 (2006.01)
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- (87) WO2024/187170
(31) 63/451,011 (32) 09.03.23 (33) US
63/452,557 16.03.23 US
63/456,610 03.04.23 US
63/538,313 14.09.23 US
(43) 12.09.2024
(72) HEIKENFELD, Jason
(74) Spruson & Ferguson
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- (71) UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.
(11) AU-A-2024267632
(21) 2024267632 (22) 03.05.2024
(54) CONTACTLESS CONTINUOUS BLOOD PRESSURE ESTIMATION
(51) Int. Cl.
A61B 5/021 (2006.01)
A61B 5/02 (2006.01)
A61B 5/0205 (2006.01)
(87) WO2024/233297
(31) 63/500,403 (32) 05.05.23 (33) US
(43) 14.11.2024
(72) SONG, WenZhan
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2024217077
(21) 2024217077 (22) 06.02.2024
(54) MULTI-FUNCTIONAL LIPID NANOPARTICLES AND USES THEREOF
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/54 (2017.01)
A61K 48/00 (2006.01)
C07C 219/06 (2006.01)
C07C 229/12 (2006.01)
C12N 15/113 (2010.01)
C12N 15/88 (2006.01)
(87) WO2024/167924
(31) 63/483,375 (32) 06.02.23 (33) US
(43) 15.08.2024
(72) MOUNTAIN, Deidra JH; WEST, Phillip Connor; FISHER, Richard
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) UOP LLC
(11) AU-A-2024243672
(21) 2024243672 (22) 01.04.2024
(54) PROCESSES AND APPARATUSES FOR CONVERTING POLY- AND PERFLUOROALKYL SUBSTANCES
(51) Int. Cl.
C02F 1/58 (2023.01)
B01J 19/26 (2006.01)
C02F 1/72 (2023.01)
C02F 101/36 (2006.01)
(87) WO2024/211206
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KOLEV, Evgeny T.
(74) Patent Attorney Services

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(21) 2024240909 (22) 19.03.2024
(54) PROCESS FOR PREPARATION OF
PYROXASULFONE AND INTERMEDI-
ATES THEREOF
(51) Int. Cl.
C07D 231/20 (2006.01)
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Sopan Nagnath; GULVE, Sandip
Sahebrao; MAHAJAN, Vijay; BHOS-
ALE, Jitendra Vitthal
(74) Churchill Attorneys

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(11) AU-A-2023431851
(21) 2023431851 (22) 17.02.2023
(54) A SYSTEM FOR SYNCHRONISING
EXERCISE OR TRAINING MEASURE-
MENT EQUIPMENT
(51) Int. Cl.
A63B 24/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61B 5/22 (2006.01)
G06F 1/12 (2006.01)
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SRESTHA, Nishant
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(11) AU-A-2024238386
(21) 2024238386 (22) 07.03.2024
(54) WEARABLE ASSISTANCE DEVICE
WITH OFFSET FEATURES
(51) Int. Cl.
B25J 9/10 (2006.01)
A61F 5/02 (2006.01)
A61H 3/00 (2006.01)
B25J 13/08 (2006.01)
F41H 5/013 (2006.01)
(87) WO2024/196583
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Jaime; ICE, Chad; RODZAK, Katherine;
WOLF, Derek; PAILES-FRIEDMAN,
Rebecca; SAHIN, Aybuke; YANDELL,
Matthew
(74) Spruson & Ferguson

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(11) AU-A-2024239509
(21) 2024239509 (22) 07.03.2024
(54) WEARABLE ASSISTANCE DEVICE
WITH AUTOMATIC CLUTCH MECH-
ANISM AND METHOD OF USE

(51) Int. Cl.
A61H 1/02 (2006.01)
A61F 5/01 (2006.01)
A61F 5/02 (2006.01)
A61H 3/00 (2006.01)
F16D 13/58 (2006.01)
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Zelik
(74) Davies Collison Cave Pty Ltd

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(21) 2024427592 (22) 21.05.2024
(54) METHOD FOR CONTROLLING SE-
CURE ACCESS TO DATA IN A HY-
BRID-CLOUD ENVIRONMENT
(51) Int. Cl.
G06F 21/33 (2013.01)
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)
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(54) CANNULA SYSTEM INCLUDING
VARIABLE SHAPE TIP
(51) Int. Cl.
A61M 1/36 (2006.01)
A61B 17/34 (2006.01)
A61M 25/00 (2006.01)
A61M 25/02 (2006.01)
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Jeff
(74) Pizeys Patent and Trade Mark Attor-
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(11) AU-A-2024240637
(21) 2024240637 (22) 20.03.2024
(54) DOUBLE REGULATOR FOR MGLUR5
AND HDAC6 AND USE THEREOF
(51) Int. Cl.
C07D 413/04 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)
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Hyo Jin; WOO, Seung A; HEO, Hy-
un Jin; NA, Ji Young; LEE, Geon Ho;
CHOI, Dae Kyu
(74) Spruson & Ferguson

(71) W. L. GORE & ASSOCIATES, INC.
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(54) IN-SITU REGENERATION OF FILTER
MEDIUM FOR IMPROVING CATALYT-
IC EFFICIENCY
(51) Int. Cl.
B01D 53/96 (2006.01)
B01J 37/00 (2006.01)
C01B 21/20 (2006.01)
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A.; PODDAR, Tarun K.
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(71) WANG, H.
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(54) INTERNAL NASAL DILATOR
(51) Int. Cl.
A61F 5/08 (2006.01)
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(72) WANG, Hushi
(74) Madderns Pty Ltd

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(54) DOUBLE STRANDED OLIGONUC-
LEOTIDE COMPOSITIONS FOR RNA
INTERFERENCE AND METHODS RE-
LATING THERETO
(51) Int. Cl.
C07H 21/02 (2006.01)
C07H 21/00 (2006.01)
C07H 21/04 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/182749
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Fengjiao; LAMATTINA, Anthony; LIU,
Fangjun; CHOI, Jeonghoon; KOTHARI,
Nayantara; SINGH, Kuldeep
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LOAD PATH FOR A MOVABLE ELE-
MENT WITH ACTUATOR
(51) Int. Cl.
B64U 30/297 (2023.01)

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B64C 29/00 (2006.01)
B64C 27/51 (2006.01)
B64U 10/20 (2023.01)
B64U 40/10 (2023.01)
(87) WO2024/243276
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(43) 28.11.2024
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(54) CHILD SAFETY SEAT
(51) Int. Cl.
B60N 2/26 (2006.01)
B60N 2/28 (2006.01)
B60N 2/56 (2006.01)
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(31) 2023101424325 **(32)** 20.02.23 **(33)** CN
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(72) ZHANG, Daliang; FANG, Ganqing
(74) Allens Patent & Trade Mark Attorneys
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(21) 2023429425 **(22)** 03.04.2023
(54) POOL CLEANING ROBOT
(51) Int. Cl.
E04H 4/16 (2006.01)
B01D 29/03 (2006.01)
B01D 29/56 (2006.01)
(87) WO2024/164417
(31) 202310076087.X **(32)** 07.02.23 **(33)** CN
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(72) ZHANG, Shilei
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(11) AU-A-2023431625
(21) 2023431625 **(22)** 03.04.2023
(54) TRANSMISSION DEVICE AND POOL CLEANING ROBOT
(51) Int. Cl.
E04H 4/16 (2006.01)
(87) WO2024/169007
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(72) ZHANG, Shilei
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- (71)** YOKOGAWA ELECTRIC CORPORATION
(11) AU-A-2024231243
(21) 2024231243 **(22)** 29.02.2024
(54) CONTROL DEVICE, CONTROL METHOD, AND CONTROL PROGRAM
(51) Int. Cl.
B01D 61/10 (2006.01)
B01D 61/12 (2006.01)
B01D 65/08 (2006.01)
C02F 1/44 (2023.01)
(87) WO2024/185651
(31) 2023-033038 **(32)** 03.03.23 **(33)** JP
(43) 12.09.2024
(72) MATSUI, Yasuhiro; KAMIGUCHI, Junji
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- (71)** YOKOGAWA ELECTRIC CORPORATION
(11) AU-A-2024233430
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(54) CONTROL DEVICE, CONTROL METHOD, AND CONTROL PROGRAM
(51) Int. Cl.
B01D 61/20 (2006.01)
B01D 61/10 (2006.01)
B01D 61/12 (2006.01)
B01D 61/22 (2006.01)
B01D 61/58 (2006.01)
B01D 65/08 (2006.01)
C02F 1/44 (2023.01)
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(43) 12.09.2024
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- (71)** ZAMMIT, P.; ROBB, D.
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(54) PORTABLE OUTDOOR ACCESSORY SECUREMENT APPARATUS
(51) Int. Cl.
B60D 1/07 (2006.01)
A45F 3/44 (2006.01)
B60R 9/06 (2006.01)
B60R 11/00 (2006.01)
D06F 53/04 (2006.01)
D06F 57/04 (2006.01)
D06F 57/12 (2006.01)
E04H 12/22 (2006.01)
(87) WO2024/159274
(31) 2023900251 **(32)** 02.02.23 **(33)** AU
(43) 08.08.2024
(72) ZAMMIT, Paul
(74) Patentec Patent Attorneys
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- (71)** ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; VIRIDI E-MOBILITY TECHNOLOGY (NINGBO) CO., LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.
(11) AU-A-2023436109
(21) 2023436109 **(22)** 15.03.2023
(54) BATTERY MANAGEMENT SYSTEM, ELECTRIC VEHICLE AND POWER BATTERY PROTECTION METHOD
(51) Int. Cl.
B60L 3/00 (2019.01)
B60L 58/24 (2019.01)
(87) WO2024/187410
(43) 19.09.2024
(72) HE, Yangfan; CHEN, Deting; LIU, Gang; CHEN, Xiao; ZHAO, Lei; SHEN, Yanliang; LIU, Wei; HE, Xin; CAO, Jigang; NIU, Yaqi
(74) Spruson & Ferguson
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- (71)** ZODIAC POOL SYSTEMS LLC
(11) AU-A-2024233089
(21) 2024233089 **(22)** 04.03.2024
(54) SYSTEMS AND METHODS OF AUTOTERMINATION AND DYNAMIC DRIVE ADJUSTMENT OF POOL OR SPA AUTOMATION NETWORKS INCLUDING MULTIPLE POOL OR SPA EQUIPMENT ITEMS
(51) Int. Cl.
H04L 12/40 (2006.01)
H04L 12/28 (2006.01)
H04L 12/403 (2006.01)
H04L 43/10 (2022.01)
H04L 43/50 (2022.01)
(87) WO2024/186744
(31) 63/450,277 **(32)** 06.03.23 **(33)** US
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(72) MINASSIAN, Minas; BARENG, Eusebio Domingo
(74) FB Rice Pty Ltd

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2023426967	GH RESEARCH IRELAND LIMITED	2024218133	MESOBlast INTERNATIONAL SARL
2023427437	GH RESEARCH IRELAND LIMITED	2024218144	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.
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		2024218728	A BET A TECHNOLOGY LIMITED
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2023433227	FLUENCE ENERGY, LLC	2024220601	INTERDIGITAL PATENT HOLDINGS, INC.
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2023434903	SUBRAHMANYAM, P.V.	2024221356	KIMBERLY-CLARK WORLDWIDE, INC.
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		2024221875	CHONGQING HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
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2023439548	RAKUTEN MOBILE, INC.	2024222320	MEATABLE B.V.
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2023444996	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2024222541	TILEGREEN, INC.; HAGAR, K.R.H.M.; SHAALAN, A.E.A.E.
2023455760	WANG, H.		
2023464323	SOREX, INC.	2024222547	FISHER & PAYKEL HEALTHCARE LIMITED
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2024214418	JANSSEN PHARMACEUTICA NV	2024223206	EVONIK OPERATIONS GMBH
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2024214908	KOSTIĆ, M.	2024223756	THIRTY THERAPEUTICS LIMITED
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2024215381	ELI LILLY AND COMPANY		
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2024216648	EVONIK OPERATIONS GMBH	2024225829	GTI ENERGY
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		2024226272	AVIVOMED, INC.; MAZANEC, P.R.; MASSON JR., S.C.
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		2024226639	CELLERGY THERAPEUTICS LTD.
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2024228308	EARTH SCIENCE LABORATORIES, INC.	2024233089	ZODIAC POOL SYSTEMS LLC
2024228359	3DBIOFIBR INC.	2024233116	BASECURE THERAPEUTICS LLC
2024228476	OXFORD IONICS LIMITED	2024233129	TELEX PHARMACEUTICALS (INNOVATIONS) PTY LTD
2024228669	CATERPILLAR INC.	2024233210	ASPEN MEDICAL PRODUCTS, LLC
2024228683	HUAWEI TECHNOLOGIES CO., LTD.	2024233301	ADAMA MAKHTESHIM LTD.
2024228694	FISKARS FINLAND OY AB	2024233425	BEONE MEDICINES I GMBH
2024228806	POLARIS IP PTY LTD	2024233430	YOKOGAWA ELECTRIC CORPORATION
2024228867	SUZHOU SUNCADIA BIOPHARMACEUTICALS CO., LTD.; JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.	2024233602	BEONE MEDICINES I GMBH
2024228869	WAVE LIFE SCIENCES LTD.	2024233625	ARSENAL BIOSCIENCES, INC.
2024229006	SHANTON PHARMA PTE. LTD.	2024233691	GRIFFITH UNIVERSITY
2024229033	CUEPEAK BIO. CO.,LTD.	2024233743	ORCHARD ULTRASOUND INNOVATION, LLC
2024229037	OXFORD IONICS LIMITED	2024233771	BECKER, A.
2024229115	FORTESCUE UK IP LIMITED	2024233829	HYPERMINE GLOBAL OY
2024229138	REGENERON PHARMACEUTICALS, INC.	2024233874	CONVATEC LIMITED
2024229172	HETHERINGTON, L.A.	2024234303	SHERMAN, E.; WOHL, I.
2024229324	HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.	2024234362	SOUTH RAMPART PHARMA
2024229466	LG ELECTRONICS INC.	2024234465	INSTITUTE OF SCIENCE TOKYO
2024229816	INTODNA SPÓLKA AKCYJNA	2024234504	SEKISUI CHEMICAL CO., LTD.
2024229856	BIAL – R&D INVESTMENTS, S.A.	2024234697	CNX RESOURCES CORPORATION
2024229918	ASSIA CHEMICAL INDUSTRIES LTD.	2024234895	FUJIFILM CORPORATION
2024230006	KINDEVA DRUG DELIVERY L.P.	2024234942	NEUROVIGIL, INC.
2024230147	ICSIP PTY LTD	2024234975	KAGOSHIMA UNIVERSITY; PEPTIDE INSTITUTE, INC.
2024230179	H. J. HEINZ COMPANY BRANDS LLC	2024234980	OMRON CORPORATION
2024230414	PHILIP MORRIS PRODUCTS S.A.	2024234982	STEYR ARMS GMBH
2024230552	MULTITUDE THERAPEUTICS INC.	2024235025	UNIVERSITE MOHAMMED VI POLYTECHNIQUE
2024230772	INPRO/SEAL LLC	2024235161	FLAGSHIP PIONEERING INNOVATIONS VI, LLC
2024230864	ACTINOGEN MEDICAL LIMITED	2024235165	REGENERON PHARMACEUTICALS, INC.
2024231034	CONVATEC LIMITED	2024235295	BEJO ZADEN B.V.
2024231045	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2024235298	TOYOTA JIDOSHA KABUSHIKI KAISHA
2024231117	KODIAK ROBOTICS, INC.	2024235306	NUURON GMBH
2024231135	MOCHIDA PHARMACEUTICAL CO., LTD.	2024235509	GEOVISTA INC.
2024231162	CHECKPOINT SURGICAL, INC.	2024235523	SKILLZ PLATFORM INC.
2024231233	POLYSOURCE LLC	2024235577	LIFT BIOSCIENCES LTD
2024231243	YOKOGAWA ELECTRIC CORPORATION	2024235607	JCB RESEARCH
2024231291	CATERPILLAR INC.	2024235738	AXCESS GLOBAL SCIENCES, LLC
2024231339	ALFA LAVAL CORPORATE AB	2024235956	EPICRISPR BIOTECHNOLOGIES, INC.
2024231344	SHANGHAI RUNSHI MEDICAL TECHNOLOGY CO., LTD; SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES	2024235958	PRESTON, W.M.
2024231381	ALIGOS THERAPEUTICS, INC.; MERCK SHARP & DOHME LLC	2024235966	SHENZHEN ZHONGKEDIANGONG NEW ENERGY TECH CO., LTD.
2024231516	SIX TRICKS DISTILLING CO. PTY LTD	2024236787	BERKOWITZ, B.A.; BARRETT, A.G.; ELLIOTT, D.
2024231579	LINNANE PHARMA AB	2024236982	FUNDACIÓ INSTITUT HOSPITAL DEL MAR
2024231662	CATERPILLAR INC.	2024237074	D'INVESTIGACIONS MÈDIQUES
2024231668	FLETCHER, V.; FLETCHER, P.	2024237201	PRIMAL FUSION INC.
2024231752	CATERPILLAR INC.	2024237252	JOINT STOCK COMPANY "BIOCAD"
2024231805	IMMUNOGENETEQS, INC.	2024237493	BIAL – R&D INVESTMENTS, S.A.
2024231917	AGR LITHIUM INC.	2024237502	LIFT BIOSCIENCES LTD
2024232147	CONVATEC LIMITED	2024237533	PULPEX LIMITED
2024232195	SKYLOS ECOLOGY PTY LTD	2024237574	ONO PHARMACEUTICAL CO., LTD.
2024232208	THOMÉ, P.	2024237706	INNOVALVE BIO MEDICAL LTD.
2024232343	NOAH MEDICAL CORPORATION	2024237790	UNICHARM CORPORATION
2024232352	Metropolis IP Holdings, LLC	2024237790	INDUCTOTHERM CORP.
2024232472	CAPITAL ONE SERVICES LLC	2024237816	ULTRAGENYX PHARMACEUTICAL INC.
2024232511	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA; 501CTHREE	2024237847	SLURRY RECOVERY SERVICES (PTY) LIMITED
2024232531	UNIVERSITY OF CINCINNATI	2024237962	INNOVATION ASSOCIATES, INC.
2024232545	KODIAK ROBOTICS, INC.	2024238258	ICOTEC AG
2024232554	FMC CORPORATION; FMC IP TECHNOLOGY GMBH	2024238371	FBD BIOLOGICS LIMITED
2024232657	GEVO, INC.; LG CHEM, LTD.	2024238386	VANDERBILT UNIVERSITY
2024232738	CJ CHEILJEDANG CORPORATION	2024238598	ALZINOVA AB
2024232794	BRAUN GMBH	2024238840	CUVOS PTY LTD
2024232865	ATROGI AB	2024238849	CINDOME PHARMA, INC.
2024232867	ARTHREX, INC.	2024239137	CONVATEC LIMITED
2024232930	NIPPON STEEL CORPORATION	2024239142	MAXIMATOR GMBH
2024232987	ADAMA MAKHTESHIM LTD.	2024239163	CONVATEC LIMITED
2024233048	METAGENOMI, INC.	2024239178	MAXIMATOR GMBH
2024233072	KODIAK ROBOTICS, INC.	2024239418	GUJARAT FLUOROCEMICALS LIMITED; GFCL EV PRODUCTS LIMITED
		2024239509	VANDERBILT UNIVERSITY
		2024239889	DAIICHI KASEI PHARMACEUTICAL CO., LTD.
		2024239948	ALANTIS THERAPEUTICS AG
		2024239972	CONVATEC LIMITED

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2024240009	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES	2024267250	SMA SOLAR TECHNOLOGY AG
		2024267632	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.
2024240179	STEELE, M.	2024268099	OTSUKA PHARMACEUTICAL CO., LTD.
2024240537	HYBRIT DEVELOPMENT AB	2024268143	JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
2024240637	VIVOZON, INC.		
2024240722	ASCENDIS PHARMA GROWTH DISORDERS A/S	2024269568	JOHN COCKERILL HYDROGEN BELGIUM
2024240853	W. L. GORE & ASSOCIATES, INC.	2024270732	THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL; GEORGIA TECH RESEARCH CORPORATION
2024240909	UPL LIMITED		
2024240935	STORA ENSO OYJ	2024271681	LABORATORY CORPORATION OF AMERICA HOLDINGS
2024240947	CONVATEC LIMITED		
2024241205	CONVATEC LIMITED	2024271891	HYBRIT DEVELOPMENT AB
2024241217	STORA ENSO OYJ	2024273010	GOODMAN CO., LTD.
2024241594	PEPSICO, INC.	2024273778	FORTISS, LLC
2024242505	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2024277440	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH
2024242615	NICOVENTURES TRADING LIMITED		
2024242669	INTERWELL NORWAY AS	2024277674	WISK AERO LLC
2024242759	IMMUNIC AG	2024279987	DROPOX, INC.
2024242918	INTERNATIONAL N&H DENMARK APS; DANISCO US INC.	2024282459	ORGANICA TECHNOLÓGIÁK ZÁRTKÖRŰEN MŰKÖDŐ RÉSZVÉNYTÁRSASÁG
2024243146	EBB CARBON, INC.	2024283117	NUTROPIA GROUP GMBH
2024243672	UOP LLC	2024284106	H. C. STARCK TUNGSTEN GMBH
2024244729	JFE STEEL CORPORATION	2024285932	SOCIÉTÉ DES PRODUITS NESTLÉ SA
2024244884	PROVECTUS PHARMATECH, INC.; UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION	2024286403	HITACHI, LTD.
		2024286491	SOCIÉTÉ DES PRODUITS NESTLÉ SA
2024245397	NEWTRAX HOLDINGS INC	2024303646	SPACERAKE, INC.; CAHOY, K.L.; WACHS, J.; MATH-ASON, B.; WERTHEIMER, J.M.; SERRA, P.C.
2024245598	MAKO SURGICAL CORP.		
2024245777	ALZCHEM TROSTBERG GMBH	2024310232	10141120 MANITOBA LIMITED
2024245891	DENALI THERAPEUTICS INC.	2024315542	SEKISUI HOUSE, LTD.
2024245901	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2024329330	LENOVO (SINGAPORE) PTE. LTD.
2024245924	GRIPPLE LIMITED	2024330617	LG ELECTRONICS INC.
2024246022	NGK INSULATORS, LTD.	2024349729	LG ELECTRONICS INC.
2024246096	COLORADO STATE UNIVERSITY RESEARCH FOUNDATION	2024353914	LG ELECTRONICS INC.
		2024405946	OBAYASHI CORPORATION
2024246349	KLIMA, H.; KLIMA, S.	2024417330	ATOM COMPUTING INC.
2024246392	ADIVO GMBH	2024422120	SEKISUI HOUSE, LTD.
2024246981	RECKITT BENCKISER VANISH B.V.	2024425165	TRINA SOLAR CO., LTD.
2024246990	CONVATEC LIMITED	2024427592	VARONIS SYSTEMS, INC.
2024247803	CHENGDU AODA BIOTECHNOLOGY CO., LTD	2024427622	GUANGZHOU QUALITY SUPERVISION AND TESTING INSTITUTE
2024248178	ENSYSCE BIOSCIENCES INC.		
2024248290	SJP BIOTEC GMBH		
2024249204	MITSUBISHI UBE CEMENT CORPORATION		
2024249241	DOLBY LABORATORIES LICENSING CORPORATION		
2024250771	ECO3 BV		
2024251384	MOTOROLA SOLUTIONS, INC.		
2024251658	PROTOMER TECHNOLOGIES, INC.		
2024251897	CARTEL CORP PTY LTD		
2024252551	CORNELL UNIVERSITY		
2024252673	TOMRA SORTING GMBH		
2024253439	BENJAMIN MOORE & CO.		
2024253631	BAE SYSTEMS PLC		
2024253832	DISC MEDICINE, INC.		
2024254321	CONVATEC LIMITED		
2024254829	BLINK AG		
2024255634	DIZAL (JIANGSU) PHARMACEUTICAL CO., LTD.		
2024255899	BIONTECH SE; THE GENERAL HOSPITAL CORPORATION		
2024256658	FITT S.P.A.		
2024256710	DRYDECON DEFENSE LLC		
2024257180	HISTOSONICS, INC.		
2024257818	DROPOX, INC.		
2024257892	ALPRAAZ AB		
2024258625	LANDIS+GYR TECHNOLOGY, INC.		
2024259546	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC		
2024260040	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA		
2024261203	B MEDICAL SYSTEMS S.À R.L.		
2024261506	CONVATEC LIMITED		
2024262426	F. HOFFMANN-LA ROCHE AG		
2024262595	UNIVERSITÄT STUTTGART		
2024263972	SYNGENTA CROP PROTECTION AG		

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		2024283117	2024226272	2024218686	2024251658
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2024214908	2024233301	<u>A43B 5 I/-</u>	2024267632	2024224635	2024224738
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2024228694	2024241594	<u>A43D 8 I/-</u>	2024239137	2024229006	2024233425
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2024235295	2024218980	<u>A45F 3 I/-</u>		2024231381	2024237201
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2024235295	2024231339	<u>A47J 31 I/-</u>	2024238258	2024234895	2024238598
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2024237706	2024216634	<u>A47K 10 I/-</u>	2024221106	2024240009	2024218584
<u>A01K 13 I/-</u>	2024245777		2024221814	2024240637	2024223201
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2024232195		2024221356	<u>A61F 2 I/-</u>	2024242759	2024232865
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2024221854	<u>A23K 50 I/-</u>	2024217200	2024237574	2024262426	2024214423
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2024233874	<u>A61P 21 /-</u>	2024235577	2024243146	2024222541	2024235298
2024261506		2024236982	2024246022	<u>B25F 1 /-</u>	<u>B60L 3 /-</u>
<u>A61M 15 /-</u>	2024235956	2024237201		2024232195	2023436109
	2024237533	2024237493	2024234697	<u>B25J 13 /-</u>	<u>B60L 50 /-</u>
2024230006	2024240722	2024237533	2024240853		2024235298
<u>A61M 16 /-</u>	<u>A61P 25 /-</u>	2024246392	2024243146		
		2024252551	2024246022		
2024222547	2023426967	2024255634			
	2023427437	2024262595	<u>B01D 61 /-</u>		
<u>A61M 25 /-</u>	2023427992	<u>A61P 37 /-</u>	2024223206		
	2023428136		2024231243		
2024226929	2024215106	2024214418	2024233430		
2024239137	2024223513	2024218133	2024243146		
2024239163	2024224635	2024224738	2024259546		
2024240947	2024225907	2024229033	2024284106		
2024273010	2024237252	2024235509	<u>B01D 65 /-</u>		
	2024238598	2024237533			
<u>A61M 27 /-</u>	2024240637	2024242759	2024231243		
	2024242505	<u>A61P 39 /-</u>	2024233430		
2024239137	2024242759	2024218584			
2024239163	2024245891				
	2024283117				

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<u>B60L 53 /-</u>	<u>B64U 30 /-</u>	<u>C01B 25 /-</u>	<u>C07C 1 /-</u>	<u>C07D 213 /-</u>	2024238371 2024247803 2024255899
2023427575 2024235298	2024277674	2024239418	2024232657	2024263972	
<u>B60L 58 /-</u>	<u>B64U 40 /-</u>	<u>C01B 3 /-</u>	<u>C07C 11 /-</u>	<u>C07D 231 /-</u>	<u>C07K 16 /-</u>
2023436109	2024277674	2024218032 2024225829 2024226531	2024232657	2024231344 2024240909	2024218952 2024222215 2024222562 2024228867 2024230552 2024233129 2024233425 2024233602 2024233625 2024233691 2024234975 2024235165 2024235509 2024237201 2024237533 2024237816 2024238598 2024245891 2024246392 2024253832 2024262595
<u>B60N 2 /-</u>	2024257892	<u>C01B 35 /-</u>	<u>C07C 2 /-</u>	<u>C07D 265 /-</u>	
2024226719	<u>B65D 1 /-</u>	2024230147	2024232657	2024248178	
<u>B60R 11 /-</u>	2024237502	<u>C01C 1 /-</u>	<u>C07C 217 /-</u>	<u>C07D 311 /-</u>	
2024215110	<u>B65D 21 /-</u>	2024226531 2024228308 2024230147	2024214423	2024236787	
<u>B60R 9 /-</u>	2023444154	<u>C01D 15 /-</u>	<u>C07C 219 /-</u>	<u>C07D 413 /-</u>	
2024215110	<u>B65D 33 /-</u>	2024223206 2024230147 2024284106	2024217077 2024234895	2024217108 2024240637 2024240909	
<u>B60W 60 /-</u>	2024240179	<u>C01D 3 /-</u>	<u>C07C 229 /-</u>	<u>C07D 417 /-</u>	
2024232545	<u>B65D 41 /-</u>	2024239418	2024217077	2024215106 2024240637 2024246981	
<u>B61L 27 /-</u>	2024231516	<u>C01D 7 /-</u>	<u>C07C 233 /-</u>	<u>C07D 451 /-</u>	<u>C07K 19 /-</u>
2023475815	<u>B65D 43 /-</u>	2024230147	2024214423	2024230864	2024234975 2024238371
<u>B63H 1 /-</u>	2024231516	<u>C01F 5 /-</u>	<u>C07C 235 /-</u>	<u>C07D 471 /-</u>	<u>C07K 5 /-</u>
2024257892	<u>B65D 47 /-</u>	2024230147	2024229138	2024215106 2024255634	2024234504
<u>B63H 3 /-</u>	2024231516 2024240179	<u>C02F 1 /-</u>	<u>C07C 237 /-</u>	<u>C07D 473 /-</u>	<u>C07K 7 /-</u>
2024257892	<u>B65D 63 /-</u>	2023435573 2024223206 2024231243 2024232511 2024233430 2024243146 2024243672 2024259546 2024282459	2024214423	2024229006	2024214418 2024229138 2024234975
<u>B63H 9 /-</u>	2024245924	<u>C02F 101 /-</u>	<u>C07C 253 /-</u>	<u>C07D 487 /-</u>	<u>C08B 37 /-</u>
2024232208 2024246349	<u>B65D 75 /-</u>	2024223206 2024243672	2024232554	2024229918	2024242918
<u>B64C 11 /-</u>	2024240179	<u>C02F 103 /-</u>	<u>C07C 255 /-</u>	<u>C07D 498 /-</u>	<u>C08F 10 /-</u>
2024257892	<u>B65D 83 /-</u>	2024223206 2024243672 2024259546 2024282459	2024232554	2024217108	2024240947
<u>B64C 27 /-</u>	2024221356	<u>C02F 101 /-</u>	<u>C07C 279 /-</u>	<u>C07F 5 /-</u>	<u>C08G 18 /-</u>
2024277674	<u>B65F 1 /-</u>	2024223206 2024243672	2024248178	2024229138	2024218392
<u>B64C 29 /-</u>	2024218227	<u>C02F 103 /-</u>	<u>C07C 323 /-</u>	<u>C07F 7 /-</u>	<u>C08G 63 /-</u>
2024277674	<u>B65G 47 /-</u>	2024223206 2024243672	2024214423	2024229138	2024218392
<u>B64C 3 /-</u>	2024237962	<u>C02F 3 /-</u>	<u>C07C 327 /-</u>	<u>C07H 21 /-</u>	<u>C08J 11 /-</u>
2024229115	<u>B67D 1 /-</u>	2024223206	2024214423	2024228095	2024222541
<u>B64C 39 /-</u>	2024230179	2024282459	<u>C07C 5 /-</u>	<u>C07K 14 /-</u>	<u>C08K 3 /-</u>
2024229115	<u>B67D 3 /-</u>	2024222541	2024226531	2024215381 2024217674 2024217948 2024224738 2024233129 2024236982 2024237816	2024231233
<u>B64D 1 /-</u>	2024221419	<u>C04B 14 /-</u>	<u>C07D 207 /-</u>		<u>C08K 5 /-</u>
2024218000	<u>B81B 3 /-</u>	<u>C05G 3 /-</u>	2024248178		2024240935
<u>B64D 17 /-</u>	2024233743	<u>C07B 57 /-</u>	<u>C07D 209 /-</u>		
2024218000	<u>B81C 1 /-</u>		2024225907		
<u>B64U 10 /-</u>	2024233743		<u>C07D 211 /-</u>		
2024277674	<u>C01B 21 /-</u>				
	2024240853				

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2024231233	2024226639	2024216648	2024226232	2024330617	2024222425
<u>C08L 27 /-</u>	<u>C12N 1 /-</u>	2024218650	<u>C25B 13 /-</u>	<u>D21H 11 /-</u>	<u>E21B 34 /-</u>
2024256658	2024219022	2024226889	2024227993	2024240935	2024222425
<u>C08L 5 /-</u>	<u>C12N 15 /-</u>	2024229816	2024269568		
2024242918	2024214423	2024231579	<u>C25B 15 /-</u>	<u>D21H 19 /-</u>	<u>E21B 43 /-</u>
<u>C08L 67 /-</u>	2024214441	2024231805	2024214359	2024240935	2024242669
2024240935	2024215852	2024245901	2024226232	2024241217	<u>E21D 20 /-</u>
<u>C08L 73 /-</u>	2024217077	2024254829	2024243146	<u>D21H 23 /-</u>	2024226754
2024231233	2024217674	<u>C12R 1 /-</u>	<u>C25B 3 /-</u>	2024240935	<u>E21D 21 /-</u>
<u>C09D 133 /-</u>	2024217948	2024218116	2024226232	<u>D21J 3 /-</u>	2024226754
2024253439	2024218116	<u>C21B 11 /-</u>	<u>C25B 9 /-</u>	2024237502	<u>F01K 23 /-</u>
<u>C09D 143 /-</u>	2024223271	2024244729	2024214359	<u>D21J 7 /-</u>	2024216746
2024253439	2024224635	<u>C21B 13 /-</u>	2024223206	2024237502	<u>F02D 19 /-</u>
<u>C09D 167 /-</u>	2024228869	2024240537	2024234465	<u>E04B 1 /-</u>	2024230772
2024240935	2024231381	2024244729	<u>D01D 5 /-</u>	<u>E04B 2 /-</u>	2024231752
2024241217	2024231805	2024271891	2024221106	2024315542	2024235607
<u>C09D 5 /-</u>	2024232738	<u>C21C 5 /-</u>	<u>D04H 1 /-</u>	2024422120	<u>F02D 41 /-</u>
2024253439	2024233048	2024271891	<u>D04H 3 /-</u>	<u>E04G 25 /-</u>	2024230772
<u>C09D 7 /-</u>	2024233116	<u>C22B 1 /-</u>	2023444996	2024217293	2024231752
2024241217	2024233625	2024244729	2024221106	<u>E04H 12 /-</u>	2024235607
<u>C09D 5 /-</u>	2024234504	<u>C22B 26 /-</u>	<u>D04H 5 /-</u>	2024215110	<u>F03B 13 /-</u>
2024253439	2024235161	2024223206	2023444996	<u>E04H 4 /-</u>	2024222462
<u>C09D 7 /-</u>	2024235956	2024230147	2024221106	2023429425	2024235958
2024240935	2024237201	2024284106	<u>D06F 105 /-</u>	2023431625	<u>F03B 17 /-</u>
2024241217	2024238371	<u>C22B 3 /-</u>	2024330617	<u>E04H 9 /-</u>	2024222462
<u>C09D 5 /-</u>	2024253832	2024230147	<u>D06F 31 /-</u>	2024422120	<u>F03G 3 /-</u>
2024253439	<u>C12N 5 /-</u>	2024235025	2024221875	<u>E05F 1 /-</u>	2024235958
<u>C09D 7 /-</u>	2024216100	2024284106	<u>D06F 33 /-</u>	2024228806	<u>F04B 15 /-</u>
2024241217	2024222320	<u>C22C 18 /-</u>	2024330617	2024232352	2024239178
<u>C09K 23 /-</u>	2024225307	<u>C23C 2 /-</u>	2024349729	<u>E06B 11 /-</u>	<u>F04B 19 /-</u>
2024240935	2024233625	2024232930	2024353914	2023427549	2024239178
2024241217	2024234504	<u>C25B 1 /-</u>	2023429845	2024232352	<u>F04B 39 /-</u>
<u>C10B 53 /-</u>	2024235577	2024232930	2023430739	<u>E06B 9 /-</u>	2024239178
2024253439	2024237493	2024226232	2024330617	2023427549	<u>F04B 53 /-</u>
<u>C10B 53 /-</u>	<u>C12N 9 /-</u>	2024226531	2024353914	2024232352	2024239178
2024249204	2024217674	20242269568	<u>D06F 53 /-</u>	<u>E21B 23 /-</u>	<u>F04D 1 /-</u>
<u>C10G 2 /-</u>	2024217948	<u>C25B 1 /-</u>	2024215110	2024222425	2024231045
2024268143	2024218116	20242269568	<u>D06F 57 /-</u>	<u>E21B 29 /-</u>	<u>F04D 13 /-</u>
<u>C10G 5 /-</u>	2024232738	<u>C22C 2 /-</u>	2024215110	2024222425	2024231045
2024234697	2024233048	<u>C23C 2 /-</u>	2024215110	2024222425	2024231045
<u>C10J 3 /-</u>	2024235161	<u>C25B 1 /-</u>	2024215110	2024222425	2024231045
2024225829	2024235295	2024269568	2024215110	2024222425	2024231045
<u>C10L 5 /-</u>	2024242918	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
2024237847	<u>C12P 1 /-</u>	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
2024249204	2024219022	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
<u>C11D 17 /-</u>	<u>C12P 13 /-</u>	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
2024246981	2024216634	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
<u>C11D 3 /-</u>	2024239889	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
2024246981	<u>C12P 19 /-</u>	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
	2024217674	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
	2024218116	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
	2024242918	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
	<u>C12P 7 /-</u>	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
	2024219022	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045
	2024232738	<u>C22C 18 /-</u>	2024215110	2024222425	2024231045

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2024231045	2024234982	G01R 31 /-	2024214090	G06V 10 /-	2024257180 2024270732
F04D 25 /-	F41H 5 /-	2023433227	G06F 9 /-	2024233072	G16H 50 /-
2024231045	2024238386	G01S 13 /-	2024218559 2024235523	G06V 20 /-	2024257180 2024270732
F04D 29 /-	G01B 11 /-	2024273778	G06K 19 /-	2024231117 2024232545 2024233072 2024238840	G16H 70 /-
2024231045	2024231662	G01S 17 /-	2024232472 2024273778		2024270732
F04D 31 /-	G01C 21 /-	2024231117	G06K 7 /-	G07C 9 /-	G16Y 10 /-
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F16H 21 /-	G01F 15 /-	2024231662	2024214090 2024234942 2024237074	G07G 1 /-	H01M 10 /-
2024232794	2024214545	G05D 1 /-		2023433360	2024228669 2024231917
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2024232794	2024222547	G06F 1 /-	2024229324 2024231662 2024279987	2023434903	2024234465
F16L 11 /-	G01G 19 /-	2023431851	G06N 5 /-	G08G 1 /-	H01M 6 /-
2024256658	2023433360	G06F 11 /-	2023433360 2024214090	2024232545	2024231917
F17C 1 /-	G01J 1 /-	2024417330	G06Q 10 /-	G08G 9 /-	H01M 8 /-
2024239178	2024246096	G06F 15 /-	2023427827 2023433360	2024245397	2024234465
F17C 5 /-	G01M 17 /-	2024218559	G06Q 20 /-	G09B 23 /-	H01R 13 /-
2024239142	2024231291	G06F 16 /-	2023433360 2024286403 2024310232	2024232867	2024235966
F24F 11 /-	G01M 3 /-	2024214090 2024218559 2024237074 2024279987	G06Q 30 /-	G10L 15 /-	H01S 3 /-
2024222547	2024214545	G06F 17 /-	2024257818	2024257818	2024221359
F24F 6 /-	G01M 5 /-	2024214090	G16B 20 /-	G16B 20 /-	H02G 3 /-
2024222547	2024231291	G06F 18 /-	2024271681	2024271681	2024251897
F24H 15 /-	G01N 21 /-	2024237074	G16B 40 /-	G16B 40 /-	H02J 13 /-
2024214545	2024218650 2024233829 2024246096 2024252673	G06F 21 /-	2024224987	2024271681 2024427622	2023439797
F25D 3 /-	G01N 29 /-	2024257818 2024427592	G06Q 50 /-	G16B 50 /-	H02J 3 /-
2024261203	2024233743	G06F 3 /-	2023427575 2023427827 2024214545 2024224987 2024226531 2024229172 2024234980 2024286403 2024310232 2024405946	2024427622	2023439797 2024267250
F25J 1 /-	G01N 30 /-	2024229172 2024234942	G06T 7 /-	G16C 20 /-	H02S 10 /-
2024234697	2024427622	G06F 30 /-		2024427622	2024237790
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F27D 99 /-					
2024237790					

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2024233771	2024233743	2024425165
<u>H03G 3 /-</u>	<u>H04S 7 /-</u>	<u>H10K 71 /-</u>
2024233771	2024249241	2024425165
<u>H04B 10 /-</u>	<u>H04W 16 /-</u>	
2024303646	2023439548	
<u>H04B 17 /-</u>	<u>H04W 24 /-</u>	
2024251384	2023439548 2024228683	
<u>H04B 7 /-</u>	<u>H04W 28 /-</u>	
2023439548 2024251384	2023439548	
<u>H04J 14 /-</u>	<u>H04W 36 /-</u>	
2024303646	2023439548	
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2024220601 2024223040	2023434903	
<u>H04L 12 /-</u>	<u>H04W 40 /-</u>	
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2024257818 2024258625 2024427592	2024251384	
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2024229172	2024251384	
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2024250771	2024218032	
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2024229324	2024251897	
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<u>H04N 25 /-</u>	<u>H10D 48 /-</u>	
2024238840	2024233743	

Applications Accepted

Name Index

-
- (71) 412 Technologies Inc.
(11) AU-B-2020243842
(21) 2020243842 (22) 18.03.2020
(54) Integrated safety apparatus and dynamic protection zone system
(51) Int. Cl.
F41A 17/06 (2006.01)
F41C 27/00 (2006.01)
(87) WO2020/186336
(31) 62/821,225 (32) 20.03.19 (33) US
16/820,434 16.03.20 US
(43) 24.09.2020
(44) 18.09.2025
(72) APOSTOLOPOULOS, Stavros
(74) AJ PARK
-
- (71) A.W. Chesterton Company
(11) AU-B-2019347529
(21) 2019347529 (22) 27.09.2019
(54) Mechanical seal with integrated RFID sensor
(51) Int. Cl.
F16J 15/34 (2006.01)
F16J 15/40 (2006.01)
(87) WO2020/069324
(31) 62/737,623 (32) 27.09.18 (33) US
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A01N 59/20 (2006.01)
A01G 22/00 (2018.01)
A01G 31/00 (2018.01)
A01N 59/16 (2006.01)
B82Y 5/00 (2011.01)
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(51) Int. Cl.
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C22B 3/12 (2006.01)
C22B 23/00 (2006.01)
C22B 26/12 (2006.01)
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C22B 7/00 (2006.01)
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C08K 3/22 (2006.01)
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C08K 9/08 (2006.01)
C08L 25/18 (2006.01)
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C07K 14/715 (2006.01)
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/10 (2006.01)
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A62C 13/76 (2006.01)
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F03D 80/70 (2016.01)
H02K 3/34 (2006.01)
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A61K 48/00 (2006.01)
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B82Y 10/00 (2011.01)
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H01P 3/06 (2006.01)
H01P 3/123 (2006.01)
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A01N 25/04 (2006.01)
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A01N 25/14 (2006.01)
A01N 43/08 (2006.01)
A01N 43/10 (2006.01)
A01N 43/44 (2006.01)
A01N 43/78 (2006.01)
C07C 279/04 (2006.01)
C07D 277/64 (2006.01)
C07D 307/06 (2006.01)
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B29C 67/00 (2017.01)
G06F 17/00 (2019.01)
G06T 17/00 (2006.01)
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A61K 48/00 (2006.01)
C12N 15/113 (2010.01)
C12N 15/87 (2006.01)
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(74) FB Rice Pty Ltd

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A61B 18/20 (2006.01)
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B23K 26/36 (2014.01)
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LOW REDUCTION POTENTIALS AND
PERSISTENT RADICAL STATES

(51) Int. Cl.

C07D 213/16 (2006.01)*C07D 213/20* (2006.01)*H01M 4/36* (2006.01)*H01M 4/60* (2006.01)*H01M 8/18* (2006.01)

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tured cylinder

(51) Int. Cl.

A61F 2/26 (2006.01)

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beth FELTON; Ryan Earl FREDRICK;
John Anders BOSTROM; Thomas
Andrew ALBRECHT; Mark Edward
DILORETO; Mitul SHAH

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A61F 2/26 (2006.01)

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James Ryan

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WITH WINDOW FOR WIRELESS
POWER TRANSFER

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A61N 1/378 (2006.01)*H02J 50/10* (2016.01)*H01Q 1/52* (2006.01)

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HAVING A FILTER

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A61F 2/26 (2006.01)*A61F 2/00* (2006.01)

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PERCY, Richard; ENGLISH, James
Michael; SOFFIATI, Barbara Belisa;
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E02B 17/00 (2006.01)*E21B 17/02* (2006.01)*F16L 25/06* (2006.01)

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SKENE, Peter; BURKE, Cassandra

(74) FPA Patent Attorneys Pty Ltd

(71) Bulk Nano Processing LLC

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ROLL-TO-ROLL NANOMATERIAL DIS-
PERSION PAPERMAKING

(51) Int. Cl.

B01D 71/02 (2006.01)

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MARK ATTORNEYS PTY LTD

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VEHICLE CHARGING AND POWER
DISTRIBUTION SYSTEM, CHARGING
PILE, AND VEHICLE

(51) Int. Cl.

B60L 53/16 (2019.01)*B60L 53/31* (2019.01)

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VEHICLE HAVING SAME

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F16F 9/18 (2006.01)

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ODS
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Board of Regents of The University of
Texas System; Rodeo Therapeutics
Corporation
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(54) Compositions and methods of modul-
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(51) Int. Cl.
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C07D 417/04 (2006.01)
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(54) Minimizing agglomeration, aeration,
and preserving the coating of phar-
maceutical compositions comprising
Ibuprofen
(51) Int. Cl.
A61K 9/00 (2006.01)
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A61K 9/20 (2006.01)
A61K 9/50 (2006.01)
A61K 31/192 (2006.01)
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A61K 47/44 (2017.01)
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(54) Minimizing agglomeration of drug
particle coating material during storage
to stabilize disintegration times of phar-
maceutical products
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A61K 9/00 (2006.01)
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particles produced by solventless mix-
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A61K 47/68 (2017.01)
C07K 14/52 (2006.01)
C07K 19/00 (2006.01)
C12P 21/08 (2006.01)
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G01N 23/083 (2018.01)
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A61P 37/04 (2006.01)
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A61K 9/127 (2006.01)
A61K 31/505 (2006.01)

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A01C 15/00 (2006.01)
B65G 53/04 (2006.01)
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of, formulations thereof, and methods of
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G01R 15/12 (2006.01)
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G01R 15/16 (2006.01)
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A61L 2/10 (2006.01)
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A01N 65/08 (2009.01)
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F16B 5/06 (2006.01)

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H01M 10/54 (2006.01)
B09B 3/00 (2022.01)
B29B 17/02 (2006.01)
H01M 6/52 (2006.01)
H01M 10/0525 (2010.01)
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A61K 36/074 (2006.01)
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A61K 9/08 (2006.01)
A61K 9/20 (2006.01)
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A61P 35/00 (2006.01)
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C12N 5/078 (2010.01)
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
C07K 14/47 (2006.01)
C12N 5/0781 (2010.01)
C12N 5/0783 (2010.01)
C12N 5/0786 (2010.01)
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C12N 15/87 (2006.01)
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E21B 23/04 (2006.01)
E21B 33/12 (2006.01)
E21B 34/14 (2006.01)
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A61K 31/381 (2006.01)
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A61P 3/00 (2006.01)
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H02K 11/00 (2016.01)
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H01R 9/24 (2006.01)
H01R 13/53 (2006.01)
H02G 9/02 (2006.01)
H02G 9/06 (2006.01)
H02G 9/10 (2006.01)
H02G 15/06 (2006.01)
H02G 15/10 (2006.01)
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H02H 1/00 (2006.01)
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MASCHINENBAU UNTERLERCHER
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B27B 29/00 (2006.01)
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H04N 13/00 (2018.01)
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(54) BROADCAST COMMUNICATION METHOD AND APPARATUS
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H04W 72/00 (2023.01)
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A61M 5/14 (2006.01)
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C12M 1/12 (2006.01)
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C12N 1/14 (2006.01)
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C09B 49/12 (2006.01)
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B01J 35/00 (2006.01)
B01J 35/61 (2024.01)
B01J 37/03 (2006.01)
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C07C 29/154 (2006.01)
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KAISHA
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or
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A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
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A23L 33/10 (2016.01)
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VERSITY INDUSTRY FOUNDATION),
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AND ANTICANCER PHARMACEUT-
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 C08L 5/00 (2006.01)
 A01N 25/10 (2006.01)
 A01P 1/00 (2006.01)
 A23L 29/206 (2016.01)
 A23L 33/10 (2016.01)
 A23L 33/105 (2016.01)
 A23L 33/21 (2016.01)
 A61K 8/73 (2006.01)
 A61K 31/715 (2006.01)
 A61K 47/36 (2006.01)
 A61K 47/61 (2017.01)
 A61P 3/06 (2006.01)
 A61P 3/08 (2006.01)
 A61P 35/00 (2006.01)
 A61Q 17/04 (2006.01)
 C08L 5/06 (2006.01)
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 D01C 1/02 (2006.01)
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C25D 3/54 (2006.01)
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H01M 4/38 (2006.01)
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(21) 2024204643

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B23K 37/04 (2006.01)
B23K 37/00 (2006.01)
B23K 37/02 (2006.01)

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H04L 1/18 (2006.01)
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H05B 6/10 (2006.01)
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A24D 1/20 (2020.01)
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A24F 40/42 (2020.01)
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A44B 19/02 (2006.01)
A44B 18/00 (2006.01)
A44B 19/24 (2006.01)

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C40B 50/06 (2006.01)
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A61K 45/06 (2006.01)
A61P 25/00 (2006.01)
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 (54) WATER DISTRIBUTOR
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F16K 11/22 (2006.01)
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(71) Rigel Pharmaceuticals, Inc.
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 (54) RIP1 inhibitory compounds and methods for making and using the same
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C07D 413/14 (2006.01)
A61K 31/553 (2006.01)
A61P 29/00 (2006.01)
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A61K 31/4439 (2006.01)
A61K 31/675 (2006.01)
A61P 35/00 (2006.01)
C07D 401/06 (2006.01)
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G01N 21/898 (2006.01)
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A23L 11/30 (2016.01)
A23J 1/14 (2006.01)
A23J 3/14 (2006.01)
A23L 33/185 (2016.01)
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 (54) ABRASIVE ARTICLES AND METHODS OF FORMING SAME
 (51) Int. Cl.
B24D 11/02 (2006.01)
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C09K 3/14 (2006.01)
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 (54) FLEXIBLE RESTRICTED TARGET WAKE TIME OPERATION
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H04W 52/02 (2009.01)
H04W 76/15 (2018.01)
H04W 84/12 (2009.01)
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A41G 5/00 (2006.01)
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E21B 44/00 (2006.01)
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E21B 7/02 (2006.01)
E21D 9/00 (2006.01)
G01C 7/06 (2006.01)
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G01S 17/00 (2020.01)
G01S 7/48 (2006.01)
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H04L 9/08 (2006.01)
H04L 9/40 (2022.01)
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A61P 7/06 (2006.01)
C07K 16/28 (2006.01)
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(74) FB Rice Pty Ltd

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(54) Concentrated liquid pharmaceutical formulations of furosemide and methods of administering the same
(51) Int. Cl.

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A61K 47/10 (2017.01)
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(54) Modules for transferring magnetic beads, automated system comprising the same and method for nucleic acid extraction using the same
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G01N 35/00 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
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(72) LEE, Seung Jae; HONG, Seong Sik; KIM, Young Wook
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(54) AUTOMATED ANALYSIS SYSTEM USING INDIVIDUALLY OPERATED BIOLOGICAL DEVICES, ANALYSIS METHOD AND STORAGE MEDIUM
(51) Int. Cl.
G01N 35/02 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/686 (2018.01)
G01N 35/00 (2006.01)
G01N 35/04 (2006.01)
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(54) Resin film formed of scaffold material for cell culture, carrier for cell culture and container for cell culture
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C07K 5/11 (2006.01)
C07K 7/06 (2006.01)

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 Nobuhiko; YUKAWA, Mayumi; KOBAY-
 ASHI, Daigo; NAKAMURA, Yuuta;
 TAKAKURA, Kenta; HANEDA, Satoshi;
 ISHII, Ryoma
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(71) Sekisui Chemical Co., Ltd.
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 (54) Cell culturing scaffolding material and
 cell culturing vessel
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C07K 5/11 (2006.01)
C07K 7/06 (2006.01)
C12M 1/00 (2006.01)
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C12N 5/00 (2006.01)
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 umi; KOBAYASHI, Daigo; ISHII,
 Ryoma; IGUCHI, Hiroki; ARAI, Yuuhei;
 HANEDA, Satoshi; INUI, Nobuhiko
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(71) SEKISUI HOUSE, LTD.
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 (54) UNDER-STAIRS STRUCTURE
 (51) Int. Cl.
E04F 19/08 (2006.01)
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 (72) UEI Kazuya
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(71) SERVICENOW, INC.
 (11) AU-B-2022434054
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 (51) Int. Cl.
G06F 16/957 (2019.01)
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G06F 3/01 (2006.01)
G06Q 10/06 (2012.01)
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C25B 11/052 (2021.01)
C25B 11/056 (2021.01)
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A23L 2/00 (2006.01)
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C12C 5/02 (2006.01)
A23L 2/38 (2021.01)
A23L 2/52 (2006.01)
C12G 3/02 (2019.01)

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PESTS
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A01N 43/80 (2006.01)
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B65H 23/06 (2006.01)
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chine models with augmented data
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H01F 3/08 (2006.01)
H01F 41/02 (2006.01)
H02J 50/12 (2016.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 70/00 (2020.01)
B33Y 80/00 (2015.01)
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(44) 18.09.2025
(72) ROFE, Arik; BROSH, Asaf; GREEN-
WALD, Oola
(74) Spruson & Ferguson
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- (71) Whoop, Inc.
(11) AU-B-2021286646
(21) 2021286646 (22) 10.06.2021
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(51) Int. Cl.
G16H 50/20 (2018.01)
(87) WO2021/252768
(31) 63/037,499 (32) 10.06.20 (33) US
(43) 16.12.2021
(44) 18.09.2025
(72) CAPODILUPO, John Vincenzo; CA-
PODILUPO, Emily Rachel; LEE, Victor-
ia Harrison
(74) AJ PARK
-
- (71) WRIGHT, J.D.
(11) AU-B-2019325533
(21) 2019325533 (22) 21.08.2019
(54) Insulatable, insulative framework appar-
atus and methods of making and using
same
(51) Int. Cl.
E04B 2/00 (2006.01)
E04C 2/288 (2006.01)
E04G 11/06 (2006.01)
E04G 11/08 (2006.01)
E04G 17/06 (2006.01)
E04G 17/12 (2006.01)
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(31) 62/720,808 (32) 21.08.18 (33) US
(43) 27.02.2020
(44) 18.09.2025
(72) WRIGHT, John David
(74) Adams Pluck
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- (71) WUHAN LIMO TECHNOLOGY CO.,
LTD
(11) AU-B-2023380652
(21) 2023380652 (22) 25.10.2023
(54) NITROGEN-CONTAINING HETERO-
CYCLIC POLYMER, AND POLYMER
FILM AND USE THEREOF
(51) Int. Cl.
C08G 61/12 (2006.01)
B01J 41/13 (2017.01)
C08J 5/22 (2006.01)
C08L 65/00 (2006.01)
H01M 8/1072 (2016.01)
(87) WO2024/104062
(31) 202211416825.2 (32) 14.11.22 (33) CN
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(72) LI, Ming; LIU, Junyu; LIAO, Yunlan
(74) Peng Zhang
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- (71) YANTAI CHUNGWAY NEW ENERGY
TECHNOLOGY CO., LTD.
(11) AU-B-2023348039
(21) 2023348039 (22) 19.04.2023
(54) AUTOMATIC FIRE EXTINGUISHING
SYSTEM FOR ELECTRIC VEHICLE
PARKING SPACE
(51) Int. Cl.
A62C 3/07 (2006.01)
A62C 3/16 (2006.01)
A62C 35/13 (2006.01)
H01M 10/613 (2014.01)
H01M 10/625 (2014.01)
H01M 10/633 (2014.01)
(87) WO2024/113646
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(43) 20.06.2024
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(72) ZHANG, Lilei; WANG, Yang; LI, Ming-
ming; WANG, Xuebing; JU, Guangcai;
LIN, Hao; SHI, Xiaotong
(74) Madderns Pty Ltd
-
- (71) YETI Coolers, LLC
(11) AU-B-2024205133
(21) 2024205133 (22) 26.07.2024
(54) Container and method of forming a con-
tainer
(51) Int. Cl.
A47J 41/00 (2006.01)
(43) 15.08.2024
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(62) 2023200500
(72) NICHOLS, Steve Charles; GOLD-
BERG, Evan; ABANTE, Edward
(74) GLMR
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- (71) Zapata Computing, Inc.
(11) AU-B-2020340968
(21) 2020340968 (22) 03.09.2020
(54) Computer architecture for executing
quantum programs
(51) Int. Cl.
G06N 10/00 (2019.01)
B82Y 10/00 (2011.01)
(87) WO2021/046184
(31) 62/895,172 (32) 03.09.19 (33) US
(43) 11.03.2021
(44) 18.09.2025
(72) CAO, Yudong
(74) RnB IP Pty Ltd
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- (71) ZEBRA TECHNOLOGIES CORPORA-
TION
(11) AU-B-2021471632
(21) 2021471632 (22) 26.10.2021
(54) SENSOR CONFIGURATION TO IN-
DICATE AVAILABLE MEDIA OF A
PRINTER
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- (51) Int. Cl.
B41J 2/32 (2006.01)
B41J 15/04 (2006.01)
(87) WO2023/070330
(43) 04.05.2023
(44) 18.09.2025
(72) WANG, Suwei; LIU, Yong; LIU, Bo;
WANG, Zhonggui
(74) Spruson & Ferguson
-
- ZHEJIANG GEELY HOLDING GROUP CO., LTD. see ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.**
(21) 2022471755
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- (71) Zhejiang Hongli (A/List) Tools Co.#Ltd.
(11) AU-B-2024205028
(21) 2024205028 (22) 22.07.2024
(54) Top-Driven Jack
(51) Int. Cl.
B60S 9/08 (2006.01)
(31) 2024105495112 (32) 06.05.24 (33) CN
(43) 18.09.2025
(44) 18.09.2025
(72) LIN, Cangze
(74) PATENTS AU PTY LTD
-
- (71) Zhejiang Hongli (A/List) Tools Co.#Ltd.
(11) AU-B-2024205029
(21) 2024205029 (22) 22.07.2024
(54) Height Quickly-Adjustable Jack
(51) Int. Cl.
B60S 9/08 (2006.01)
(31) 2024106709299 (32) 28.05.24 (33) CN
(43) 18.09.2025
(44) 18.09.2025
(72) LIN, Cangze
(74) PATENTS AU PTY LTD
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- (71) ZHEJIANG JINKO SOLAR CO., LTD.;
JINKO SOLAR CO., LTD.
(11) AU-B-2023254873
(21) 2023254873 (22) 09.06.2023
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H10F 77/20 (2025.01)
H10F 19/90 (2025.01)
(87) WO2024/001727
(31) 202210784277.2 (32) 28.06.22 (33) CN
(43) 04.01.2024
(44) 18.09.2025
(72) HAO, Guohui; HUANG, Shiliang;
ZHANG, Ningbo; ZHANG, Hengshuo
(74) Madderns Pty Ltd
-
- (71) Zhejiang Shurcon Manufacturing Co.
Ltd
(11) AU-B-2019427078
(21) 2019427078 (22) 24.12.2019
(54) Pulp molding production line and processing method
(51) Int. Cl.
D21J 3/00 (2006.01)
(87) WO2020/155948
(31) 201910098112.8 (32) 31.01.19 (33) CN

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(44) 18.09.2025
(72) CHEN, Shu; CEN, Gang
(74) James & Wells Intellectual Property
-
- (71) ZHEJIANG YIHENGYUE MEDICAL
TECHNOLOGY CO., LTD.
(11) AU-B-2021454273
(21) 2021454273 (22) 09.07.2021
(54) POWER-ASSISTED CONTROL METHOD AND APPARATUS FOR SMART WALKING AID, SMART WALKING AID, AND CONTROLLER
(51) Int. Cl.
A61H 3/04 (2006.01)
A61G 5/04 (2013.01)
(87) WO2023/272773
(31) 202110749161.0 (32) 01.07.21 (33) CN
(43) 05.01.2023
(44) 18.09.2025
(72) GONG, Mao; LU, Jianfeng
(74) Collison & Co
-
- (71) ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; VIRIDI E-MOBILITY TECHNOLOGY(NINGBO) CO.,LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.
(11) AU-B-2022471755
(21) 2022471755 (22) 28.07.2022
(54) ELECTRIC VEHICLE, MOTOR CONTROL METHOD THEREOF, APPARATUS AND STORAGE MEDIUM
(51) Int. Cl.
B60W 10/08 (2006.01)
B60L 15/20 (2006.01)
(87) WO2024/020914
(43) 01.02.2024
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(72) SHEN, Keqing; MA, Yingguo; CHEN, Qimiao
(74) Madderns Pty Ltd
-
- (71) Zoetis Services LLC; The University of Melbourne
(11) AU-B-2022231761
(21) 2022231761 (22) 15.09.2022
(54) Mycoplasma bovis compositions
(51) Int. Cl.
A61K 39/02 (2006.01)
A01H 1/06 (2006.01)
(43) 06.10.2022
(44) 18.09.2025
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(72) BROWNING, Glenn Francis;
MARKHAM, Philip Francis; MARENDIA, Marc Serge; WEBER, Fred H.; MAHAN, Suman
(74) Davies Collison Cave Pty Ltd

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2018251989	The Board of Trustees of the Leland Stanford Junior University	2019435099	Livent USA Corp.
2018345303	Denali Therapeutics Inc.	2019442894	The Feinstein Institute for Medical Research
2018351050	Novartis AG	2019443371	Halliburton Energy Services, Inc.
2018374283	Magenta Therapeutics, Inc.	2019449456	New York Air Brake, LLC
2018376309	Chugai Seiyaku Kabushiki Kaisha	2019451273	Google LLC
2018378203	Becton, Dickinson and Company	2019451945	Huawei Technologies Co., Ltd.
2018382593	Laboratoire Français du Fractionnement et des Biotechnologies	2019459673	Alfred Kärcher SE & Co. KG
2018393073	Surrozen Operating, Inc.	2019467236	Caterpillar Global Mining LLC
2019207767	Bioinvent International AB; University of Southampton	2019470673	Wärtsilä Finland Oy
2019236587	Deere & Company	2020200507	Afton Chemical Corporation
2019243179	Board of Regents, The University of Texas System	2020200508	AC Industries Nominees Pty Ltd
2019256536	Baylor College of Medicine	2020201351	Germitec
2019270556	Messenger Biopharma	2020202608	Hunter Douglas Inc.
2019271028	Bruker Spatial Biology, Inc.	2020202858	The Boeing Company
2019271935	Manitou Italia S.r.l.	2020211435	May Health SAS
2019297617	Britannia Engineering (Isle of Man) Limited	2020211621	Baymatob Pty Ltd
2019300940	Lowes TC Pty Ltd	2020211804	Robotics Plus Limited
2019315226	Chugai Seiyaku Kabushiki Kaisha	2020211980	The Roskamp Institute
2019318087	Dragonfly Therapeutics, Inc.	2020212040	Regeneron Pharmaceuticals, Inc.
2019325533	WRIGHT, J.D.	2020213435	Fisher & Paykel Healthcare Limited
2019328703	Sulapac Oy	2020214314	scPharmaceuticals Inc.
2019347529	A.W. Chesterton Company	2020214965	Coloplast A/S
2019357979	LENZ Therapeutics Operations, Inc.	2020215198	Flow CPR Inc.
2019358915	Neutrolis, Inc.	2020215848	RAI Strategic Holdings, Inc.
2019359569	Milanese, P.A.	2020217710	Crown Equipment Corporation
2019359771	Revvity Holdings, Inc.	2020219239	Qualcomm Incorporated
2019363586	Meudal, N.	2020219341	Global BioLife Inc.
2019364541	University of Virginia Patent Foundation	2020222892	Heart Repair Technologies, Inc.
2019366912	K&N Engineering, Inc.	2020223675	Sulzer Management AG
2019367834	Stryker Corporation	2020223748	ABUS August Bremicker Söhne KG
2019368287	Scholar Rock, Inc.	2020223894	Catalent U.K. Swindon Zydys Limited
2019370655	BD Kiestra B.V.	2020225448	Catalent U.K. Swindon Zydys Limited
2019371245	Advanced Aesthetic Technologies, Inc.	2020225648	Wellsense, Inc.
2019378099	Psigryph Inc.	2020225818	Catalent U.K. Swindon Zydys Limited
2019379870	Lee, E.	2020226653	Regresar Medical, Inc.
2019381769	Hemanext Inc.	2020228303	Merakris Therapeutics LLC
2019383474	Crux Operations Control Management Limited	2020228361	Elian LLC
2019383500	F. HOFFMANN-LA ROCHE AG	2020228602	Amano Enzyme USA Co., Ltd.; Amano Enzyme Inc.
2019384646	NFlection Therapeutics, Inc.	2020229886	Benitec IP Holdings Inc.
2019384821	Case Western Reserve University; Board of Regents of The University of Texas System; Rodeo Therapeutics Corporation	2020231242	Bausch + Lomb Ireland Limited
2019385893	Balchem Corporation	2020231586	Faiveley Transport Tours
2019387124	Epizyme, Inc.	2020233695	Spark, I.
2019388264	Shoppacart Pty Ltd.	2020233772	CATERPILLAR INC.
2019391599	Suntory Holdings Limited	2020237959	John Bean Technologies Corporation
2019391935	Suntory Holdings Limited	2020237966	RE-U-ZIP, LLC
2019391944	Suntory Holdings Limited	2020242037	Invetech IP LLC
2019392729	Swm Luxembourg	2020242065	Ojjo, Inc.
2019393565	Suntory Holdings Limited	2020242747	MedImmune Limited
2019395640	Trebo ApS	2020243135	Sandvik Mining and Construction Oy
2019396133	Cobra Fixations Cie Ltee - Cobra Anchors Co. Ltd.	2020243405	V-Nova International Limited
2019397371	Combinati Incorporated	2020243842	412 Technologies Inc.
2019400901	Bickford, D.	2020244212	Ontex BV; Ontex Group NV
2019403850	Caterpillar Inc.	2020244413	Simonelli Group S.P.A.
2019404924	Vaxnewmo LLC	2020244846	Esco Group LLC
2019405953	Evolved By Nature, Inc.	2020247915	Schneider Electric Systems USA, Inc.
2019410744	Philip Morris Products S.A.	2020248478	Donaldson Company, Inc.
2019412826	Plantic Technologies Ltd	2020253623	Catalyst OrthoScience Inc.
2019416742	Eco Eolic Top System S.L.	2020257094	Getinge Life Science France
2019419507	Enable Injections, Inc.	2020257186	Advanced Flexible Composites, Inc.
2019419950	Pippa Technologies Limited	2020257578	Johnson Matthey Public Limited Company
2019427078	Zhejiang Shurcon Manufacturing Co. Ltd	2020261009	SightGlass Vision, Inc.
2019431628	Electrolux Appliances Aktiebolag	2020264440	Lovevery, Inc.
2019431966	Electrolux Appliances Aktiebolag	2020264725	Corlife OHG
2019432521	Thorley Industries, LLC	2020264897	Hydrofera LLC
		2020265576	Insmed Incorporated
		2020267477	ICU Medical, Inc.
		2020268705	Medtronic, Inc.
		2020270474	Johnson & Johnson Vision Care, Inc.

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2020271363	Richter Gedeon Nyrt.	2020403566	Orion Corporation
2020274050	Board of Regents, The University of Texas System; Research Development Foundation	2020409987	IFE Aufbereitungstechnik GmbH
2020274212	Sandvik Mining and Construction OY	2020427546	ITT Manufacturing Enterprises LLC
2020274457	Sekisui Chemical Co., Ltd.	2020453945	GRST SINGAPORE PTE. LTD.
2020274933	Sekisui Chemical Co., Ltd.	2020463334	Comex Polska Sp. z o.o.
2020275108	RAI Strategic Holdings, Inc.	2021200743	Mettler Packaging Pty. Ltd.
2020276299	AST & Science, LLC	2021201626	Habitat Innovation and Management Pty Ltd
2020277223	Arthur Wisdom Technology Consultants Co., Ltd.	2021203479	Shopify Inc.
2020279396	Northgate Technologies Inc.	2021205647	Terapet SA
2020282431	Hangzhou Wistar Mechanical& Electric Technology Co., Ltd	2021209384	Covestro (Netherlands) B.V.
2020284587	Tolmar International Limited	2021214753	Caterpillar Inc.
2020284736	Nano-Neo Ltd.	2021236553	Adobe Inc.
2020286671	Manitou BF	2021236553	Adobe Inc.
2020288651	Bluebeam, Inc.	2021246802	Momentive Performance Materials Inc.
2020289275	Battelle Memorial Institute	2021253254	Sanchez, P.
2020290677	Ardex Group GmbH	2021253830	AprilBio Co., Ltd.
2020291419	Hollister Incorporated	2021257618	Henlez ApS
2020295311	Equinor Energy AS	2021268532	Infinium Technology, LLC
2020297500	Tosk, Inc.	2021273750	Amprion, Inc.; Concha, L.; Farris, C.; Holguin, B.; Ma, Y.
2020299808	French, A.	2021279006	Corcept Therapeutics Incorporated
2020300689	Borah, Inc.	2021281062	Commissariat a l'Energie Atomique et aux Energies Alternatives
2020301058	Orica International Pte Ltd	2021286646	Whoop, Inc.
2020304387	Medtronic, Inc.	2021307727	Erasmus University Medical Center Rotterdam
2020307219	Roquette Freres	2021313156	Cryoport, Inc.
2020308330	Qualcomm Incorporated	2021329202	Miovision Technologies US, LLC
2020309166	credentis ag	2021330125	SUNTORY HOLDINGS LIMITED
2020310369	Nanjing Chervon Industry Co., Ltd.	2021333283	Pure Lithium Corporation
2020310536	Dentsply Sirona Inc.; Sirona Dental Systems GmbH	2021335226	Georgia Tech Research Corporation
2020311850	PepsiCo, Inc.	2021341688	Illumina, Inc.; Illumina Cambridge Limited
2020315188	Summit (Oxford) Limited	2021365321	FIMBINGER, J.
2020315918	Inspire Medical Systems, Inc.	2021366372	INIXIO LIMITED
2020316632	Vifor (International) AG	2021428508	VSY BIOTEKNOLOGI VE ILAC SANAYI A.S.
2020317631	Vifor (International) AG	2021430522	CHINA PETROLEUM & CHEMICAL CORPORATION; BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION
2020318390	Magnetic Autocontrol GmbH	2021442648	BARD PERIPHERAL VASCULAR, INC.
2020319805	Fisher & Paykel Appliances Limited	2021454273	ZHEJIANG YIHENGYUE MEDICAL TECHNOLOGY CO., LTD.
2020322161	BIC-Violex S.A.	2021463035	HALLIBURTON ENERGY SERVICES, INC.
2020323235	BASF SE	2021463815	ANDROS PHARMACEUTICALS CO., LTD.
2020323677	BASF SE	2021468103	TISSENBIOFARM CO., LTD.
2020325750	NZeno Limited	2021471632	ZEBRA TECHNOLOGIES CORPORATION
2020328215	FUJIFILM Diosynth Biotechnologies UK Limited	2021477258	HALLIBURTON ENERGY SERVICES, INC.
2020332267	Q.E.D. Environmental Systems, Inc.	2021477859	KRATOS INTEGRAL HOLDINGS, LLC
2020333739	John Bean Technologies Corporation	2021480195	SINO IRON HOLDINGS PTY LTD
2020333843	Velano Vascular, Inc.	2022201986	Astellas Institute for Regenerative Medicine
2020335003	Becton, Dickinson and Company	2022210222	Agilent Technologies, Inc.
2020336017	Neurocrine Biosciences, Inc.	2022214657	LG ELECTRONICS INC.
2020337027	Johnson & Johnson Vision Care, Inc.	2022217219	SHENZHEN ENVICOOL SMART CONNECTION TECHNOLOGY CO., LTD.
2020338490	Risen (Suzhou) Pharma Tech Co., Ltd.	2022221560	Amgen Inc.
2020340968	Zapata Computing, Inc.	2022224501	CRICUT, INC.
2020345760	Tecna S.p.A.	2022231065	ARIAT INTERNATIONAL, INC.
2020347547	Gripple Limited	2022231761	Zoetis Services LLC; The University of Melbourne
2020350815	Caterpillar (NI) Limited	2022235535	United States of America, as represented by the Secretary, Department of Health and Human Services, C/O National Institute of Health, Office of Technology Transfer
2020352900	Huawei Technologies Co., Ltd.	2022251900	KLOTHO SCIENCES
2020353298	Sandvik Mining and Construction Oy	2022251931	SYNGENTA CROP PROTECTION AG
2020357567	Columbus Photovoltaics LLC	2022254109	Grady F. Smith & Co., Inc.
2020358142	The Governing Council of The University of Toronto	2022261651	MONDI AG
2020361530	Therabody, Inc.	2022271094	TODOC CO., LTD.
2020361566	Manitou BF	2022275660	PD PRODUCTS LLC
2020362245	Alfa Laval Corporate AB	2022279109	WEI, T.
2020363941	Sandvik Mining and Construction Tools AB	2022282266	KITE PHARMA, INC.
2020367535	Terex Australia Pty Ltd	2022286837	CATERPILLAR INC.
2020367732	Becton, Dickinson and Company	2022287675	Hackensack University Medical Center
2020373162	ASF Technologies (Australia) Pty Ltd	2022287865	FUTURE MEDICINE CO., LTD.
2020380895	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2022287914	GRAPHIC PACKAGING INTERNATIONAL, LLC
2020382753	Becton, Dickinson and Company		
2020384926	Enterome S.A.		
2020392395	Kay Seven Co., Ltd.		
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2022296444	VERMEER MANUFACTURING COMPANY	2023203118	Monsanto Technology LLC
2022296936	Niantic Spatial, Inc.	2023203342	AJN Concepts Pty Ltd
2022297174	SEEGENE, INC.	2023203608	Able High International Ltd
2022300384	ENERVENUE HOLDINGS, LTD.	2023203618	Stamicarbon B.V.
2022301376	INVENTIO AG	2023204297	Global Algae Technology, LLC
2022302963	CATERPILLAR INC.	2023204699	Corium, LLC.
2022304458	CJ CHEILJEDANG CORPORATION	2023206089	J.W. Pepper & Son, Inc.
2022306569	COLGATE-PALMOLIVE COMPANY	2023206205	Suntory Holdings Limited
2022308661	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023206206	Medizinische Universität Innsbruck
2022314013	GUANGZHOU HANFANG PHARMACEUTICAL CO.,LTD.	2023206483	LG Electronics Inc.
2022315139	C. R. BARD, INC.	2023208160	LG Electronics Inc.
2022316717	LG ELECTRONICS INC.	2023208173	HUAWEI TECHNOLOGIES CO., LTD.
2022319630	ALTERYX, INC.	2023210615	Deere & Company
2022320860	OCADO INNOVATION LIMITED	2023210678	LG Electronics Inc.
2022324074	ALTERYX, INC.	2023214360	Stryker Corporation
2022333115	DONGBAO PURPLE STAR (HANGZHOU) BIOPHARMACEUTICAL CO., LTD.	2023215434	Trayt Inc.
2022340515	BYD COMPANY LIMITED	2023216885	Bulk Nano Processing LLC
2022341689	Kabushiki Kaisha Toshiba	2023219975	LINDSAY CORPORATION
2022344215	CHEN, J.	2023222897	Surfacide, LLC
2022348422	CROWN EQUIPMENT CORPORATION	2023222929	Seegene, Inc.
2022349024	PPG INDUSTRIES OHIO, INC.	2023223371	WAGSTAFF, INC.
2022350680	BOSTON SCIENTIFIC SCIMED, INC.	2023223720	Veintech Pty Ltd
2022352126	KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION	2023226763	Genentech, Inc.
2022360052	COOPERSURGICAL, INC.	2023229543	UR-ENERGY USA INC.; HATTEN, S.M.; CASH, J.W.
2022365852	HIKO POWER ENGINEERING LIMITED	2023232829	JFE STEEL CORPORATION
2022366630	Applus Netherlands B.V.	2023233094	Eisai R&D Management Co., Ltd.
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2022372902	CJ CHEILJEDANG CORPORATION	2023237125	HOLZBAU UNTERRAINER GMBH; MASCHINENBAU UNTERLERCHER GMBH
2022380686	HYPERTHERM, INC.; MC MACHINERY SYSTEMS, INC.	2023237182	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH
2022382608	LG ELECTRONICS INC.	2023241382	Institut National de la Santé et de la Recherche Médicale; Association Institut de Myologie; Sorbonne Université; Centre National de la Recherche Scientifique
2022390801	BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY	2023243297	FISHER & PAYKEL HEALTHCARE LIMITED
2022396247	SCHLAGE LOCK COMPANY LLC	2023248063	Université de Montreal
2022398071	MANUFACTURING RESOURCES INTERNATIONAL, INC.	2023248168	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH
2022401795	HANGZHOU SCIWIND BIOSCIENCES CO., LTD.	2023250924	Stryker Corporation
2022406688	RIFENG ENTERPRISE (FOSHAN) CO., LTD.; RIFENG ENTERPRISE GROUP CO., LTD.; RIFENG TECHNOLOGY CO., LTD.	2023254873	Mizuho Orthopedic Systems, Inc.
2022407559	ENODA LTD.	2023254980	MODINE LLC
2022409187	PAYPAL, INC.	2023255052	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022413107	EBB CARBON, INC.	2023255622	Rigel Pharmaceuticals, Inc.
2022415785	DAEWONG PHARMACEUTICAL CO., LTD.	2023260269	Taro Pharmaceutical Industries Ltd.
2022419989	BOSTON SCIENTIFIC SCIMED, INC.	2023263445	JFE STEEL CORPORATION
2022424423	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2023263481	CATERPILLAR INC.
2022426300	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY; UIF (UNIVERSITY INDUSTRY FOUNDATION), YONSEI UNIVERSITY	2023263497	Boston Scientific Scimed, Inc.
2022426850	SAINT-GOBAIN ABRASIVES, INC.; SAINT-GOBAIN ABRASIFS	2023266364	Aladdin Manufacturing Corporation
2022427070	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2023266367	Arena Pharmaceuticals, Inc.; Lucie H. Clapp Snap-on Incorporated
2022429315	BYD COMPANY LIMITED	2023270219	The Board of Trustees of the Leland Stanford Junior University
2022434054	SERVICENOW, INC.	2023273253	Jinko Energy Storage Technology Co., Ltd.
2022436719	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2023274140	PRECORDIOR OY
2022436742	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023274165	Chongqing Changan Automobile Co., Ltd.
2022442477	VANTECH INC.	2023282266	Alnylam Pharmaceuticals, Inc.
2022456592	CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.	2023282269	Tesla, Inc.
2022465859	AIAGE LIFE SCIENCE CORPORATION LTD.	2023282309	Church & Dwight Co., Inc.
2022466534	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.	2023285850	Jazz Pharmaceuticals Therapeutics, Inc.
2022471755	ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; VIRIDI E-MOBILITY	2023286309	Ascendis Pharma Bone Diseases A/S
		2023316464	SAMSUNG ELECTRONICS CO., LTD.
		2023348039	SIGNODE INDUSTRIAL GROUP LLC
		2023380652	YANTAI CHUNGWAY NEW ENERGY TECHNOLOGY CO., LTD.
		2023387758	WUHAN LIMO TECHNOLOGY CO., LTD
		2023387765	ANSTEEL BEIJING RESEARCH INSTITUTE CO., LTD.
			LG ELECTRONICS INC.

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2023403858	NINGBO XINBIO BIOLOGICAL SCI. & TECH. CO., LTD.
2024200062	Beysengulov, N.; Pollanen, J.; Rees, D.
2024200236	Taizhou Runjie Logistics Safety Equipment Technology Co., Ltd.
2024200418	LG Electronics Inc.
2024200427	Howmedica Osteonics Corp.
2024200454	Boston Scientific Scimed, Inc.
2024200675	LG Electronics Inc.
2024200779	Stats LLC
2024201008	Apple Inc.
2024201353	Intuit Inc.
2024201649	The Trustees of the University of Pennsylvania
2024201741	TE Connectivity Nederland BV; TE Connectivity India Private Limited
2024201747	Ishida Co., Ltd.
2024201766	Coronado Aesthetics, LLC
2024201835	Amgen Inc.
2024202411	Intuit Inc.
2024202518	POVIVA CORP.
2024202696	PayPal, Inc.
2024203035	Cubopharm Pty Ltd
2024203106	HONEYWELL INTERNATIONAL INC.
2024203328	SEKISUI HOUSE,LTD.
2024203825	LG Electronics Inc.
2024203842	Foundry Therapeutics, Inc.
2024204469	KNOW Bio, LLC
2024204643	Qingdao University of Technology; Qingdao Huanghai University; Qingdao Hyunion Holding Auto Parts Co.,Ltd; Qingdao Jimo Qingli intelligent manufacturing industry Research Institute
2024204808	McCain Foods Limited
2024204824	NAVICO, INC.
2024204871	JIANGSU HENG TONG POWER CABLE CO., LTD
2024204888	Mountain Top (Denmark) ApS
2024205028	Zhejiang Hongli (A/List) Tools Co.#Ltd.
2024205029	Zhejiang Hongli (A/List) Tools Co.#Ltd.
2024205080	Alcon Inc.
2024205106	Medicines360
2024205133	YETI Coolers, LLC
2024205245	OilQuick Deutschland KG
2024205413	Thomson Reuters Enterprise Centre GmbH
2024205833	FARRELL, C.
2024216484	Cubopharm Pty Ltd
2024216538	Somero Enterprises, Inc.
2024219400	International Business Machines Corporation
2024219866	Ken Sean Industries Co., Ltd.
2024219985	Stryker Corporation
2024221279	BHUKHANWALA, K.; LINGAM, V.S.P.R.
2024227370	MUSC Foundation For Research Development
2024363453	BCAI SOLUTIONS PTY LTD
2025200064	Mincle Co Pty Ltd
2025200087	MAKO Surgical Corp.
2025201188	SHANDONG ACADEMY OF AGRICULTURAL MACHINERY SCIENCES
2025202039	voestalpine Railway Systems GmbH; voestalpine Railway Systems Nortrak LLC
2025204718	GE Video Compression, LLC
2025204765	Aus Aqua Airfresh Pty Ltd
2025204901	Advanced Accelerator Applications SA
2025205217	Apple Inc.

	2020219341	<u>A24B 3 /-</u>	<u>A47J 31 /-</u>	<u>A61B 8 /-</u>	<u>A61J 1 /-</u>
<u>A01C 15 /-</u>	<u>A01P 1 /-</u>	2019392729	2020244413	2020211435	2019357979
2023208160	2019378099	<u>A24D 1 /-</u>	<u>A47J 36 /-</u>	2023222897	2019419507
<u>A01C 17 /-</u>	<u>A01P 13 /-</u>	2019410744	2020257186	<u>A61B 90 /-</u>	<u>A61K 31 /-</u>
2019236587	2021246802	2020215848	<u>A47J 37 /-</u>	2020211621	2018351050
<u>A01C 7 /-</u>	<u>A01P 7 /-</u>	2020275108	2020319805	<u>A61C 1 /-</u>	2019357979
2019236587	2022251931	<u>A24D 3 /-</u>	<u>A47J 41 /-</u>	2020310536	2019378099
2023208160	<u>A22C 17 /-</u>	2019410744	2024205133	<u>A61C 7 /-</u>	2019383500
<u>A01D 34 /-</u>	2020237959	2020275108	<u>A47J 43 /-</u>	2024205833	2019384646
2020310369	<u>A23B 4 /-</u>	<u>A24F 40 /-</u>	2024204808	<u>A61F 13 /-</u>	2019387124
<u>A01G 2 /-</u>	2020319805	2020215848	<u>A47L 11 /-</u>	2020244212	2020211980
2019300940	<u>A23J 1 /-</u>	2020275108	2019359569	2020264897	2020214314
<u>A01G 22 /-</u>	2020307219	2019392729	2022316717	<u>A61F 2 /-</u>	2020223894
2019385893	<u>A23J 3 /-</u>	2019410744	<u>A47L 13 /-</u>	2020222892	2020225448
<u>A01G 25 /-</u>	2020307219	<u>A41D 1 /-</u>	2019359569	2020253623	2020225818
2023215434	<u>A23L 11 /-</u>	2019379870	<u>A47L 5 /-</u>	2020261009	2020226653
<u>A01G 31 /-</u>	2020307219	<u>A41G 5 /-</u>	2022316717	2020397230	2020228361
2019385893	<u>A23L 2 /-</u>	2021253254	<u>A61B 10 /-</u>	2021366372	2020242747
<u>A01H 1 /-</u>	2019391599	<u>A42B 3 /-</u>	2021442648	2021428508	2020265576
2022231761	2019391935	<u>A43B 23 /-</u>	<u>A61B 17 /-</u>	2022419989	2020271363
<u>A01H 4 /-</u>	2019391944	2022231065	2020211435	2023248063	2020277223
2019300940	2019393565	<u>A43C 1 /-</u>	2020264897	2023263445	2020284736
<u>A01K 31 /-</u>	2020228602	2022231065	2021442648	2024200454	2020297500
2021201626	<u>A23L 27 /-</u>	<u>A43C 11 /-</u>	<u>A61B 18 /-</u>	2025200087	2020300689
<u>A01K 67 /-</u>	2022304458	<u>A43C 7 /-</u>	2020211435	<u>A61F 5 /-</u>	2020316632
2020325750	<u>A23L 29 /-</u>	2022231065	2020274050	2020214965	2020317631
<u>A01N 25 /-</u>	2019378099	<u>A44B 18 /-</u>	<u>A61B 3 /-</u>	<u>A61F 6 /-</u>	2020336017
2019378099	2021468103	2020237966	2020261009	2024205106	2020338490
2020219341	<u>A23L 33 /-</u>	<u>A44B 19 /-</u>	2024205080	<u>A61F 9 /-</u>	2021279006
2021246802	2019378099	2020237966	<u>A61B 34 /-</u>	<u>A61G 13 /-</u>	2021463815
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2024221279	2021468103	<u>A47D 7 /-</u>	2024200427	2023226763	2022287865
<u>A01N 27 /-</u>	2022251900	<u>A47F 7 /-</u>	2025200087	2020231242	2022314013
2020219341	2022465859	<u>A47D 13 /-</u>	<u>A61B 5 /-</u>	<u>A61G 5 /-</u>	2022333115
<u>A01N 43 /-</u>	<u>A23L 5 /-</u>	2019432521	2019442894	2023248168	2022401795
2022251931	2020228602	<u>A47D 7 /-</u>	2020215198	<u>A61G 7 /-</u>	2022415785
2024221279	<u>A23P 30 /-</u>	<u>A47F 7 /-</u>	2020225648	2024205106	2022426300
<u>A01N 59 /-</u>	2021468103	<u>A47D 13 /-</u>	2020268705	2024203842	2023203618
2019385893	<u>A24B 15 /-</u>	<u>A47F 7 /-</u>	2020304387	2021454273	2023222929
<u>A01N 65 /-</u>	2019392729	2022382608	2020367732	2023248	

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<u>A61K 38 /-</u>	2020309166	<u>A61M 5 /-</u>	2020300689 2023233094 2023254980 2024203842	<u>A61Q 19 /-</u>	<u>B01J 23 /-</u>
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2019387124		2019419507		2022465859	
2019404924	2019378099	2020267477		2024201766	<u>B01J 35 /-</u>
2020264897	2019405953	2024201835	<u>A61P 3 /-</u>	<u>A62C 13 /-</u>	2020257578
2020284587	2021257618	2025200064			
2020284736	2022306569		2019378099	2024363453	<u>B01J 37 /-</u>
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2021281062	<u>A61K 9 /-</u>	2019442894	2022333115	<u>A62C 3 /-</u>	
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2023206089		2020315918	2024216484	2023348039	<u>B01J 41 /-</u>
<u>A61K 39 /-</u>	2019357979	2022271094	<u>A61P 31 /-</u>	<u>A62C 35 /-</u>	2023380652
	2020214314	2022350680			
2018351050	2020223894	2024227370	2020228361	2023348039	<u>B01L 1 /-</u>
2018376309	2020225448				
2018393073	2020225818	<u>A61N 5 /-</u>	<u>A61P 35 /-</u>	<u>A63F 13 /-</u>	2022360052
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2019318087	2020336017	2024204469	2018351050		2019397371
2019368287	2021463815		2018376309	<u>A63H 3 /-</u>	
2019404924	2022314013	<u>A61P 1 /-</u>	2019207767		<u>B01L 7 /-</u>
2020384926	2022415785		2019378099	2020264440	
2021253830	2023203618	2020297500	2020242747		<u>B01L 7 /-</u>
2022221560	2023255052	2022415785	2020300689	<u>A63H 33 /-</u>	2019397371
2022231761	2024203035	<u>A61P 11 /-</u>	2020338490		
2022282266	2024203842		2020384926	2020264440	<u>B02C 17 /-</u>
2023266367	2024205106	2023222929	2021253830		
	2024216484		2021279006	<u>B01D 15 /-</u>	2021480195
<u>A61K 45 /-</u>	<u>A61L 15 /-</u>	<u>A61P 13 /-</u>	2022282266		
			2022287865	2020328215	<u>B03B 5 /-</u>
2020228303	2020264897	2020316632	2022314013		
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2020317631		2023203618	2023263497	2020427546	<u>B03C 1 /-</u>
2021273750	2020201351	<u>A61P 17 /-</u>	2023266367		
2021279006	2020362245		<u>A61P 37 /-</u>	<u>B01D 39 /-</u>	2023387758
2023263497	2023216885	2020300689			
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2018376309	<u>A61L 29 /-</u>	2020300689	2023233094	2021268532	<u>B07B 4 /-</u>
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2020214314	2022315139		<u>A61P 43 /-</u>	<u>B01D 63 /-</u>	
2020223894		<u>A61P 23 /-</u>			<u>B07B 9 /-</u>
2020225448	<u>A61M 1 /-</u>		2019315226	2023203608	2020409987
2020225818		2021463815	2022314013		
2020242747	2023210615	2024203842	<u>A61P 5 /-</u>	<u>B01D 65 /-</u>	<u>B07C 5 /-</u>
2020284587	<u>A61M 11 /-</u>				
2021463815		<u>A61P 25 /-</u>	2023285850	2023203608	2020463334
2023233094	2020231242			<u>B01D 67 /-</u>	
2023255052		2018251989	<u>A61P 7 /-</u>		<u>B08B 1 /-</u>
2023285850	<u>A61M 13 /-</u>	2019383500		2021430522	2025201188
2024202518		2020271363	2019368287		
2024203035	2020279396	2020277223	<u>A61P 9 /-</u>	<u>B01D 69 /-</u>	<u>B08B 13 /-</u>
2024216484	<u>A61M 16 /-</u>	2020336017			
<u>A61K 48 /-</u>		2021273750	2019384646	2021430522	2019459673
	2020213435	2022251900	2020214314	<u>B01D 71 /-</u>	
2019243179	2023237182	2023203618	2023263497		<u>B08B 3 /-</u>
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2020229886	<u>A61M 25 /-</u>	2024203842			
2022287675		<u>A61P 27 /-</u>	2022306569	<u>B01J 19 /-</u>	<u>B08B 7 /-</u>
2023282309	2020291419				
	2020333843	2019357979	<u>A61Q 17 /-</u>	2023203342	2025201188
<u>A61K 51 /-</u>	2020335003	2020284736		<u>B01J 21 /-</u>	
	2020382753		2019378099		<u>B08B 9 /-</u>
2025204901	<u>A61M 39 /-</u>	<u>A61P 29 /-</u>		2020257578	2020295311
<u>A61K 6 /-</u>					
	2020264725	2020211980			

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<u>B09B 3 /-</u>	2023232829	<u>B44C 1 /-</u>	<u>B60T 13 /-</u>	2023316464	<u>B82Y 5 /-</u>
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<u>B22D 11 /-</u>	2020453945 2025201188	<u>B60D 1 /-</u>	<u>B60T 17 /-</u>	2022287914 2022308661	<u>C01B 3 /-</u>
2023221658	<u>B29C 43 /-</u>	2022348422	2019449456	<u>B65D 75 /-</u>	2020257578
<u>B23B 27 /-</u>	2023282269	<u>B60J 7 /-</u>	<u>B60T 8 /-</u>	2021200743	<u>C01F 11 /-</u>
2019412826	<u>B29C 51 /-</u>	2024204888	2019449456	<u>B65D 88 /-</u>	2022413107
<u>B23K 11 /-</u>	2023203118	<u>B60K 16 /-</u>	<u>B60W 10 /-</u>	2022424423 2022427070	<u>C02F 3 /-</u>
2020345760	<u>B29C 64 /-</u>	2019416742	2022471755	<u>B65G 1 /-</u>	2019363586
<u>B23K 26 /-</u>	2022349024	<u>B60K 25 /-</u>	<u>B60W 30 /-</u>	2022320860 2022341689	<u>C04B 28 /-</u>
2020274050 2021365321 2022380686	<u>B29C 65 /-</u>	2019416742	2020233695	<u>B65G 43 /-</u>	2020290677
<u>B23K 37 /-</u>	2020242037 2021200743	<u>B60L 1 /-</u>	<u>B61L 15 /-</u>	2022352126	<u>C07C 273 /-</u>
2024204643	<u>B29C 67 /-</u>	2023260269	2020231586	<u>B65G 53 /-</u>	2023203342
<u>B23Q 3 /-</u>	2020288651	<u>B60L 15 /-</u>	<u>B62B 3 /-</u>	2023208160	<u>C07C 279 /-</u>
2024204643	<u>B31B 70 /-</u>	2022471755	2019388264	<u>B65G 65 /-</u>	2024221279
<u>B24D 11 /-</u>	2024201747	<u>B60L 53 /-</u>	<u>B62B 9 /-</u>	<u>B65G 65 /-</u>	<u>C07C 29 /-</u>
2022426850	<u>B32B 27 /-</u>	2022279109 2022340515	2019379870	2022320860	2020257578
<u>B24D 3 /-</u>	2019328703 2019412826	<u>B60L 58 /-</u>	<u>B62D 13 /-</u>	<u>B65H 23 /-</u>	<u>C07C 31 /-</u>
2022426850	<u>B32B 7 /-</u>	2023260269	2020233695	2024200236	2020257578
<u>B25B 21 /-</u>	2019412826	<u>B60L 8 /-</u>	<u>B62D 15 /-</u>	<u>B66B 1 /-</u>	<u>C07D 213 /-</u>
2023266364	<u>B33Y 10 /-</u>	2019416742	2020233695	2022301376	2022390801
<u>B25B 23 /-</u>	2022349024 2023243297	<u>B60P 1 /-</u>	<u>B62D 33 /-</u>	<u>B66B 13 /-</u>	<u>C07D 277 /-</u>
2023266364	<u>B33Y 30 /-</u>	2020367535	2022442477	2022301376	2024221279
<u>B25J 18 /-</u>	2022349024 2023243297	<u>B60P 3 /-</u>	<u>B63B 13 /-</u>	<u>B66B 5 /-</u>	<u>C07D 307 /-</u>
2023250924	<u>B33Y 50 /-</u>	2022442477 2023202433	2022413107	2022301376	2024221279
<u>B26B 21 /-</u>	2022349024	<u>B60P 7 /-</u>	<u>B63H 25 /-</u>	<u>B66C 23 /-</u>	<u>C07D 333 /-</u>
2020322161	<u>B33Y 70 /-</u>	2024200236	2020392395	2020367535	2023241382 2024221279
<u>B26D 1 /-</u>	2022349024	<u>B60R 1 /-</u>	<u>B64C 1 /-</u>	<u>B66F 11 /-</u>	<u>C07D 335 /-</u>
2024204808	2022349024 2023243297	2024219866	2020202858	2019271935	2020270474
<u>B26D 3 /-</u>	<u>B33Y 80 /-</u>	<u>B60R 11 /-</u>	<u>B64G 1 /-</u>	<u>B66F 17 /-</u>	<u>C07D 401 /-</u>
2024204808	2023243297	2022290294 2023202433	2020276299	2019271935 2020286671	2020211980 2020315188 2020338490 2022333115
<u>B27B 15 /-</u>	2023243297	<u>B60R 15 /-</u>	<u>B65B 3 /-</u>	<u>B66F 9 /-</u>	<u>C07D 403 /-</u>
2023232829	<u>B41J 15 /-</u>	2023202433	2020311850	2019271935 2020286671 2020361566	2020211980
<u>B27B 29 /-</u>	2021471632	<u>B60R 5 /-</u>	<u>B65D 33 /-</u>	<u>B67B 3 /-</u>	<u>C07D 405 /-</u>
2023232829	<u>B41J 2 /-</u>	2023202433	2021200743	2019370655	2022333115 2022401795
<u>B27B 31 /-</u>	2021471632 2022224501	<u>B60S 9 /-</u>	2020403566 2023203118	<u>B82Y 10 /-</u>	<u>C07D 413 /-</u>
2023232829	<u>B41M 5 /-</u>	2024205028 2024205029	<u>B65D 63 /-</u>	2020340968 2024200062	
<u>B27B 7 /-</u>	2022224501				

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2022333115	2024201649	2019412826	2020398231	2020325750	C40B 50 /-
2023254980	C07K 16 /-	C08L 5 /-	2022465859	2021341688	2019359771
C07D 417 /-	2018345303	2019378099	2023203608	2022297174	D01C 1 /-
2019384821	2018351050	C08L 65 /-	2023403858	2023219975	2019378099
C07D 471 /-	2018376309	2023380652	C12N 15 /-	C12R 1 /-	D04H 1 /-
2019384646	2018382593	C08L 67 /-	2018345303	2023403858	2020244212
2023222929	2018393073	2019328703	2018376309	C21D 1 /-	D04H 3 /-
C07D 487 /-	2019207767	C08L 79 /-	2019243179	2021365321	2020244212
2020297500	2019315226	2020289275	2019256536	2023223720	D06F 33 /-
2022287865	2019318087	C09B 49 /-	2019270556	2023255622	2019431628
2022426300	2019368287	2020337027	2019315226	C21D 9 /-	D06F 34 /-
C07D 491 /-	2021253830	C09B 62 /-	2019364541	2021365321	2023387765
2023241382	2021281062	2020337027	2020229886	C22B 1 /-	D06F 35 /-
C07D 495 /-	2022221560	C09D 103 /-	2020325750	2023387758	2019431966
2019384821	2023266367	2019412826	2020328215	C22B 23 /-	D06F 37 /-
2022333115	2024201649	C09D 129 /-	2021253830	2020323677	2022214657
2022401795	C07K 19 /-	2019412826	2022287675	C22B 26 /-	D06F 39 /-
2023241382	2018345303	C09D 175 /-	2022372902	2020323235	2019431628
C07D 498 /-	2018376309	2021209384	2023200634	2020323677	2019431966
2019383500	C07K 5 /-	C09K 3 /-	2023237125	C22B 3 /-	D06F 58 /-
C07D 513 /-	2020242747	2022426850	2023274165	2020323235	2022382608
2022333115	2020274457	C10L 1 /-	2023403858	2020323677	D06F 73 /-
C07D 519 /-	2020274933	C10L 10 /-	C12N 5 /-	C22B 7 /-	2022382608
2019383500	C07K 7 /-	2020200507	2018251989	2020323235	D06N 7 /-
2020242747	2020274457	C10L 10 /-	2019256536	C22C 38 /-	2023263481
C07F 5 /-	2023282269	2020200507	2020274457	2020244846	D21H 11 /-
2020300689	C08G 18 /-	C11D 3 /-	2020274933	2023203342	2022261651
C07F 9 /-	2021209384	2019364541	2022201986	2023223720	D21H 19 /-
2020338490	C08G 61 /-	C12C 5 /-	2022235535	2023255622	2019412826
2023226763	2023380652	2021330125	2022287675	C25B 1 /-	D21H 21 /-
C07H 19 /-	C08J 5 /-	C12G 3 /-	2023200634	2022436742	2022261651
2022287865	2023380652	C12M 1 /-	2023403858	C25B 11 /-	D21H 27 /-
C07H 21 /-	C08K 3 /-	2020274933	C12P 1 /-	2022436742	2022261651
2023226763	C08K 9 /-	2020328215	2020398231	C25C 1 /-	D21J 3 /-
2023274165	2020289275	2020398231	C12P 19 /-	2021333283	2019427078
C07K 1 /-	C08L 25 /-	2022360052	2019270556	C25D 3 /-	2025202039
2020328215	2020289275	C12M 3 /-	2019315226	2021333283	E01B 7 /-
C07K 14 /-	C08L 29 /-	2020274457	C12P 21 /-	2022436742	E01C 11 /-
2018345303	2019412826	2020274933	2018376309	2023255622	2022370748
2018351050	C08L 3 /-	C12N 1 /-	2019270556		
2018376309			2019271028		
2019256536			2019359771		
2019404924			2019397371		
2020384926			2020228303		
2022282266					
2022287675					
2023285850					

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<u>E01C 19 /-</u>	<u>E04G 11 /-</u>	<u>E21B 37 /-</u>	<u>F04D 25 /-</u>	<u>F16K 7 /-</u>	2023206206 2023208173
2024216538	2019325533	2020295311	2020295311	2020200508	<u>F25D 25 /-</u>
<u>E01C 23 /-</u>	<u>E04G 17 /-</u>	<u>E21B 41 /-</u>	<u>F04D 29 /-</u>	<u>F16L 25 /-</u>	2023206205 2023206206 2023208173
2024216538	2019325533	2019443371	2020223675 2020332267	2019297617	
<u>E01C 9 /-</u>	<u>E04G 23 /-</u>	<u>E21B 43 /-</u>	<u>F15B 11 /-</u>	<u>F16L 27 /-</u>	<u>F25D 29 /-</u>
2022370748	2020299808	2020295311 2020402048 2023223371	2022456592	2023215434	2023206205 2023206206 2023208173
<u>E02B 17 /-</u>	<u>E04G 5 /-</u>	<u>E21B 44 /-</u>	<u>F16B 1 /-</u>	<u>F16L 3 /-</u>	
2019297617	2022254109	2020243135	2022290294	2020347547 2023215434	<u>F26B 23 /-</u>
<u>E02F 3 /-</u>	<u>E04H 15 /-</u>	<u>E21B 47 /-</u>	<u>F16B 13 /-</u>	<u>F16L 37 /-</u>	2021313156
2019467236 2024205245	2020237966	2021477258	2020299808	2022217219	<u>F26B 9 /-</u>
<u>E02F 9 /-</u>	<u>E04H 7 /-</u>	<u>E21B 7 /-</u>	<u>F16B 21 /-</u>	<u>F16N 7 /-</u>	2021313156
2020244846 2022286837 2022295774 2022302963 2023260269	2022424423 2022427070	2020243135 2020353298	2022295774	2020427546	<u>F28D 9 /-</u>
	<u>E05B 67 /-</u>	<u>E21D 23 /-</u>	<u>F16B 5 /-</u>	<u>F17C 3 /-</u>	2020362245
	2020223748	2022456592	2020347547	2022424423	<u>F28F 3 /-</u>
<u>E03B 3 /-</u>	<u>E05D 1 /-</u>	<u>E21D 9 /-</u>	<u>F16C 33 /-</u>	<u>F17D 1 /-</u>	2022398071
2022344215 2022370748	2020264440	2020353298	2020427546	2019383474	<u>F28G 13 /-</u>
	<u>E05D 7 /-</u>	<u>E21F 1 /-</u>	<u>F16D 3 /-</u>	<u>F17D 3 /-</u>	2020362245
<u>E03D 11 /-</u>	2022382608	2020200508	2019470673	2019383474	<u>F41A 17 /-</u>
2025204765	<u>E05F 15 /-</u>	<u>F01B 9 /-</u>	<u>F16D 66 /-</u>	<u>F17D 5 /-</u>	2020243842
<u>E03D 5 /-</u>	2022382608	2020373162	2019449456	2019383474	<u>F41C 27 /-</u>
2025204765	<u>E06B 9 /-</u>	<u>F02B 63 /-</u>	<u>F16F 9 /-</u>	<u>F21V 29 /-</u>	2020243842
<u>E03F 5 /-</u>	2020202608	2022429315	2022429315	2022398071	<u>F42C 15 /-</u>
2022344215 2022370748	<u>E21B 1 /-</u>	2019470673 2020350815	<u>F16H 21 /-</u>	<u>F24C 3 /-</u>	2020301058
	2020363941	<u>F02B 75 /-</u>	2020373162	2019419950	<u>F42D 1 /-</u>
<u>E04B 1 /-</u>	<u>E21B 10 /-</u>	2020373162	<u>F16J 15 /-</u>	<u>F24C 7 /-</u>	2019400901 2020301058
2019396133	2020363941	<u>F02D 11 /-</u>	2019347529 2019403850	2019419950	<u>G01B 11 /-</u>
<u>E04B 2 /-</u>	<u>E21B 17 /-</u>	2019366912	<u>F16K 1 /-</u>	<u>F24F 13 /-</u>	2020211804
2019325533	2019297617 2020363941 2020402048 2023223371	<u>F03D 15 /-</u>	2020200508	2020200508	<u>G01C 11 /-</u>
<u>E04B 9 /-</u>		2022466534	<u>F16K 11 /-</u>	<u>F24S 25 /-</u>	2020211804
2020347547	<u>E21B 23 /-</u>	<u>F03D 17 /-</u>	2022406688 2022456592	2022370748	<u>G01C 21 /-</u>
<u>E04C 2 /-</u>	2019443371 2021463035	2022436719	<u>F16K 27 /-</u>		2020217710 2023274140 2024204824
2019325533	<u>E21B 33 /-</u>	<u>F03D 80 /-</u>	2022406688	<u>F25C 1 /-</u>	
<u>E04F 11 /-</u>	2021463035 2023223371	2022466534	<u>F16K 31 /-</u>	<u>F25C 5 /-</u>	<u>G01C 7 /-</u>
2024203328	<u>E21B 34 /-</u>	2020223675	2020200508	2023206205 2023206206 2023208173	2020353298
<u>E04F 13 /-</u>	2019443371 2021463035	<u>F04D 13 /-</u>	<u>F16K 5 /-</u>	<u>F25D 11 /-</u>	2019419950
2019396133		2020332267		2023206205	<u>G01K 13 /-</u>
<u>E04F 19 /-</u>					
2024203328					

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2022296444	<u>G02B 5 /-</u>	2024202411	<u>G08B 25 /-</u>	2023348039	<u>H02J 4 /-</u>
<u>G01L 1 /-</u>	2020337027	<u>G06Q 10 /-</u>	2024363453	<u>H01M 12 /-</u>	2024203106
2020225648	<u>G02C 7 /-</u>	2021203479	<u>G08G 1 /-</u>	2022300384	<u>H02J 50 /-</u>
<u>G01L 5 /-</u>	2020261009	2022279109	2021329202	<u>H01M 4 /-</u>	2022350680
2020367732	2020337027	2022319630	2019435099	2021333283	2023233662
2023266364	2021428508	2022324074	2022300384	2022390801	2023243297
<u>G01M 3 /-</u>	<u>G05B 19 /-</u>	2024204824	<u>G09G 5 /-</u>		<u>H02K 11 /-</u>
		2024205413	2024200675	<u>H01M 50 /-</u>	2020282431
2020247915		<u>G06Q 20 /-</u>	<u>G11B 27 /-</u>	2023270219	<u>H02K 3 /-</u>
2020257094	<u>G05D 16 /-</u>	2020311850	2019451273		
<u>G01M 7 /-</u>		2022409187	<u>G16H 10 /-</u>	<u>H01M 6 /-</u>	2022466534
2019470673	2019383474	<u>G06Q 30 /-</u>	2023210678	2020453945	<u>H02K 5 /-</u>
<u>G01N 21 /-</u>	<u>G06F 1 /-</u>	2020311850	<u>G16H 20 /-</u>	<u>H01M 8 /-</u>	2019470673
2020211804	2022398071	2021203479	2023210678	2022390801	2021214753
2020463334	<u>G06F 16 /-</u>	2024201353	<u>G16H 40 /-</u>	2023380652	2022214657
2022210222		<u>G06Q 50 /-</u>	2020267477	<u>H01P 3 /-</u>	2022466534
<u>G01N 23 /-</u>	2022319630	2021203479	<u>G16H 50 /-</u>	2024200062	<u>H02K 7 /-</u>
2020463334	2022409187	<u>G06T 11 /-</u>	2021286646	<u>H01Q 1 /-</u>	2019470673
<u>G01N 29 /-</u>	2022434054	2025205217	2023210678	2020276299	2020282431
	2024200675	<u>G06T 13 /-</u>	<u>H01B 13 /-</u>	2022350680	2022214657
<u>G01N 29 /-</u>	2024201353	2025205217	2024204871	<u>H01R 12 /-</u>	2022466534
2022366630	2024202411	<u>G06T 15 /-</u>	<u>H01B 7 /-</u>	<u>H01R 13 /-</u>	
<u>G01N 30 /-</u>	<u>G06F 17 /-</u>	2021203479	2024204871	2023270219	<u>H02P 23 /-</u>
2020212040	2020288651	<u>G06T 17 /-</u>	<u>H01F 1 /-</u>	<u>H01R 13 /-</u>	2020233772
2020328215	2023204297	2020288651	2020289275	2022365852	<u>H02P 25 /-</u>
<u>G01N 33 /-</u>	2024200779	<u>G06T 19 /-</u>	<u>H01F 27 /-</u>	2024201741	
	2024205413	2021203479	2022407559	<u>H01R 9 /-</u>	2020233772
2018378203	<u>G06F 21 /-</u>	<u>G06T 3 /-</u>	<u>H01F 3 /-</u>	2022365852	<u>H02P 8 /-</u>
2020211804	2020358142	2019451945	2023243297	<u>H02G 15 /-</u>	2020310536
2020212040	<u>G06F 3 /-</u>	<u>G06T 7 /-</u>	<u>H01F 30 /-</u>	2022365852	<u>H02S 20 /-</u>
2020226653	2019459673	2019451945	2022407559	<u>H02G 7 /-</u>	2020242065
2021273750	2021203479	2020217710	<u>H01F 38 /-</u>	2020347547	2022370748
2022210222	2022319630	2024200427	2023243297	<u>H02G 9 /-</u>	<u>H02S 30 /-</u>
<u>G01N 35 /-</u>	2022324074	2024200779	<u>H01F 41 /-</u>	2022365852	2020242065
2022297174	2024200675	2024205080	<u>H01F 30 /-</u>	<u>H02H 1 /-</u>	2020276299
2023219975	2024201008	<u>G06V 10 /-</u>	<u>H01F 38 /-</u>	2022365852	<u>H03K 19 /-</u>
<u>G01R 15 /-</u>	2025205217	2023282266	<u>H01F 30 /-</u>	<u>H02H 3 /-</u>	2024219400
	<u>G06F 40 /-</u>	<u>G06V 20 /-</u>	2022407559	2022365852	<u>H03K 3 /-</u>
2021335226	2024201353	2023282266	<u>H01L 23 /-</u>	<u>H02J 13 /-</u>	2024200062
<u>G01S 17 /-</u>	2024205413	<u>G07C 9 /-</u>	2022398071	2022407559	<u>H03M 7 /-</u>
2020274212	<u>G06F 8 /-</u>	2020318390	2023250924	<u>H02J 3 /-</u>	2025204718
		2022396247	<u>H01M 10 /-</u>		<u>H04B 13 /-</u>
<u>G01S 7 /-</u>	2022324074	<u>G08B 21 /-</u>	2020453945	2022365852	2020301058
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<u>G01T 1 /-</u>	<u>G06N 10 /-</u>		2023270219		
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<u>G01V 5 /-</u>	2024200062				
2020333739	2024219400				
<u>G02B 1 /-</u>	<u>G06N 20 /-</u>				
2020337027	2024204824				
	<u>G06N 3 /-</u>				
	2021236553				

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H04L 1 /-

2020308330

H04L 27 /-

2021477859

H04L 45 /-

2022296936

H04L 67 /-

2020231586

2022296936

H04L 69 /-

2022296936

H04L 7 /-

2021477859

H04L 9 /-

2020267477

2020358142

2022396247

2022409187

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H04N 13 /-

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H04N 19 /-

2020219239

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2024203825

H04N 21 /-

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H04W 28 /-

2020380895

H04W 52 /-

2023286309

H04W 72 /-

2020380895

2023206483

H04W 76 /-

2023286309

H04W 84 /-

2023286309

H05B 47 /-

2020201351

H05B 6 /-

2019419950

2020215848

H10F 10 /-

2020357567

H10F 19 /-

2023254873

H10F 77 /-

2023254873

H10N 60 /-

2024200062

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged2020219848 **The Heil Co.** (Bucher Municipal Pty Ltd)**Opposition Withdrawn - Proceed to Grant**2022291593 **Regeneron Pharmaceuticals, Inc.** (Condon, W.)**Opposition under Section 104(4) - Lodged**2018274769 **eggXYt Ltd** (Commonwealth Scientific and Industrial Research Organisaiton)**Opposition under Section 104(4) - Withdrawn**2017320901 **ProQR Therapeutics II B.V.** (Wrays Solutions Pty Ltd)**Applications Withdrawn**2016225278 **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC** (Ingredion Incorporated)2016225278 **Tate & Lyle Technology Limited; Tate & Lyle Solutions USA LLC** (ARCHER DANIELS MIDLAND COMPANY)**Patents Granted****Standard Patents**

2018204669	2018258466	2018261951	2018265261
2018269194	2018274749	2018280683	2018290250
2018304867	2018360288	2018368786	2018370039
2018378812	2018379426	2018389856	2018440077
2019202238	2019209002	2019214280	2019215464
2019227644	2019228925	2019231652	2019232730
2019232951	2019234194	2019235923	2019243443
2019244358	2019250102	2019262081	2019266916
2019270184	2019274939	2019279883	2019280250
2019280441	2019280989	2019282673	2019287621
2019288151	2019291191	2019291192	2019291193
2019291194	2019291195	2019293645	2019295495
2019295496	2019295497	2019295782	2019300161
2019300832	2019300837	2019301524	2019303912
2019310312	2019310577	2019311400	2019312036
2019312292	2019312589	2019314417	2019314968
2019316575	2019317278	2019322936	2019323818
2019325258	2019327451	2019331902	2019336049
2019339352	2019345325	2019346373	2019347751
2019347864	2019348815	2019348975	2019349653
2019351725	2019353156	2019355847	2019356771
2019357757	2019358238	2019358324	2019359458
2019360030	2019360371	2019362880	2019370616
2019373574	2019374670	2019375410	2019375629
2019378060	2019380263	2019380798	2019383549
2019383896	2019383973	2019385397	2019386379
2019387017	2019389007	2019389263	2019391186
2019391398	2019392572	2019393818	2019393832
2019394810	2019395239	2019396749	2019397490
2019397575	2019398798	2019400099	2019401274
2019401794	2019406845	2019407045	2019408844
2019410716	2019413360	2019413683	2019421379
2019421529	2019437961	2019440156	2019473414
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2020206694	2020210980	2020213717	2020214469

Patents Granted**Standard Patents**

2020215227	2020215640	2020216162	2020218511
2020219701	2020220101	2020221824	2020223101
2020223149	2020223441	2020223491	2020224694
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2020232283	2020233571	2020240738	2020245253
2020245443	2020251185	2020251514	2020253966
2020254705	2020259509	2020259908	2020263223
2020263289	2020266139	2020266435	2020267138
2020267355	2020269275	2020269835	2020270928
2020271253	2020271407	2020272238	2020272706
2020273608	2020278254	2020280667	2020282086
2020284295	2020284495	2020285714	2020287611
2020287907	2020289211	2020293054	2020293083
2020294402	2020295993	2020297348	2020297435
2020298762	2020300849	2020302325	2020312071
2020315401	2020315452	2020315822	2020316932
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2020341455	2020346351	2020355402	2020366133
2020392121	2020414266	2020425706	2020426058
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2021240245	2021244177	2021247161	2021252396
2021260099	2021264520	2021272252	2021289122
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2021339001	2021349862	2021353037	2021357265
2021359779	2021363268	2021369480	2021369503
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2021404990	2021411869	2021414090	2021416210
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2021446056	2021447431	2021453694	2021460191
2021473165	2022200179	2022202727	2022203227
2022203239	2022209122	2022211175	2022214501
2022215411	2022220987	2022221475	2022222816
2022224032	2022227724	2022234333	2022240331
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2022251678	2022258017	2022258161	2022259240
2022259812	2022261121	2022261529	2022263564
2022264512	2022267164	2022273061	2022273276
2022275527	2022288462	2022291638	2022292722
2022296455	2022300303	2022300453	2022305403
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2022360261	2022361161	2022361782	2022364034
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2023203973	2023203991	2023204022	2023204134
2023204220	2023204311	2023204389	2023206160
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2023210552	2023210565	2023214251	2023216780
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2023222979	2023229505	2023229538	2023233141
2023233146	2023241300	2023248163	2023251451
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2023274107	2023274167	2023282176	2023282213
2023282291	2023288537	2023290505	2023358001
2023379420	2024200010	2024200510	2024200607
2024200847	2024201005	2024201020	2024201157
2024201505	2024201950	2024202383	2024202757
2024203080	2024203324	2024203516	2024203900
2024204139	2024204745	2024204795	2024216430
2024278466	2024287106	2024287108	2025200693
2025200871	2025202155	2025202188	

Assignments Registered

2005294611 Fallbrook Intellectual Property Company LLC The patent has been assigned to **enviolo B.V.**

2006300050 Propharma Group Europe B.V. The patent has been assigned to **Sartorius Stedim Chromatography Systems Ltd.**

2007351639 Propharma Group Europe B.V. The patent has been assigned to **Sartorius Stedim Chromatography Systems Ltd.**

2009329832 JSH Capital Pte. Ltd. The patent has been assigned to **PAN-OSTON SDN BHD**

2012271487 Ginkgo Bioworks, Inc. The patent has been assigned to **Twist Bioscience Corporation**

2012342460 Affchem; INSERM (Institut National de la Sante et de la Recherche Medicale) The patent has been assigned to **Dendrogenix SA**

2014237003 Ginkgo Bioworks, Inc. The patent has been assigned to **Twist Bioscience Corporation**

2017213139 Schoeller Textil AG The patent has been assigned to **Textilcolor AG**

2017216543 The Goodyear Tire & Rubber Company The patent has been assigned to **The Yokohama Rubber Co., Ltd.**

2017228598 The Goodyear Tire & Rubber Company The patent has been assigned to **The Yokohama Rubber Co., Ltd.**

2017228601 The Goodyear Tire & Rubber Company The patent has been assigned to **The Yokohama Rubber Co., Ltd.**

2017252150 VK Integrated Systems, Inc. The patent has been assigned to **Eotak, LLC**

2017263013 Muntermann, Axel The patent has been assigned to **MedTec Medizintechnik GmbH**

2018278929 Ginkgo Bioworks, Inc. The patent has been assigned to **Twist Bioscience Corporation**

2018298396 Muntermann, Axel The patent has been assigned to **MedTec Medizintechnik GmbH**

2019201052 Ginkgo Bioworks, Inc. The patent has been assigned to **Twist Bioscience Corporation**

2019204748 VK Integrated Systems, Inc. The patent has been assigned to **Eotak, LLC**

2019210699 Byrne, Jeanette The patent has been assigned to **Ultraflow Mining Products Pty Ltd**

2019237295 Forsyth, Mark; Beard, Gavin The patent has been assigned to **Phoenix Precision Engineering (Pty) Ltd**

2019272961 ARCA Biopharma Inc. The patent has been assigned to **GENVARA BIOPHARMA, INC.**

2019359880 AAH Holdings LLC The patent has been assigned to **Zomedica, Inc.**

2019394862 AAH Holdings LLC The patent has been assigned to **Zomedica, Inc.**

2019438995 Amphastar Pharmaceuticals, Inc. The patent has been assigned to **CSP Technologies, INC.**

2021104752 Techtronic Cordless GP The patent has been assigned to **Techtronic Outdoor Products Technology Limited**

Assignments Registered

2021319159 Palo Alto Networks (Israel Analytics) Ltd. The patent has been assigned to **Palo Alto Networks Inc.**

2021351215 Palo Alto Networks (Israel Analytics) Ltd. The patent has been assigned to **Palo Alto Networks Inc.**

2021447019 PALO ALTO NETWORKS (ISRAEL ANALYTICS) LTD. The patent has been assigned to **Palo Alto Networks Inc.**

2022370400 PALO ALTO NETWORKS (ISRAEL ANALYTICS) LTD. The patent has been assigned to **Palo Alto Networks Inc.**

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.

2007294575 **Viela Bio, Inc.**

The earliest first regulatory approval date provided by the patentee 12 Mar 2025

For the goods UPLIZNA inebilizumab

2022224780 **Kite Pharma, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services**

The earliest first regulatory approval date provided by the patentee 12 Dec 2022

For the goods YESCARTA axicabtagene ciloleucel

Applications Accepted

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

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

2007294575 **Viela Bio, Inc.**

The earliest first regulatory approval date provided by the patentee 12 Mar 2025

For the goods UPLIZNA inebilizumab

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2015325028 **Amicus Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Feb 2025

For the goods POMBILITI cipaglucosidase alfa

Address for service : Davies Collison Cave Pty Ltd Level 28 500 Bourke Street MELBOURNE VIC 3000 AU

Corrigenda

In Vol 35 , No 50 , Page(s) 9761 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Roshan Water Solutions Incorporated, Application No. 2020269085, under INID (71) correct the applicant name to Roshan Water Solutions Incorporated

In Vol 59 , No 26 , Page(s) 3667 under the heading **Amendments - Application for Amendments** Under the name of Covalon Technologies Inc., Patent Application No. 2019373474 correct the date of the statements filed to read 24 Apr 2025 and 20 May 2025

Corrigenda

In Vol 59 , No 26 , Page(s) 3801 under the heading **Applications Accepted - Name Index** Correct the name of the applicant to read United Neuroscience.

In Vol 59 , No 33 , Page(s) 4507 under the heading **Applications OPI - Name Index** Under the name CHONGQING CHANGAN AUTO-MOBILE CO., LTD., Application No. 2024417781, under INID (54) correct the title to read METHOD AND APPARATUS FOR CONTROLLING TORQUE OF HYBRID ELECTRIC VEHICLE, VEHICLE, AND STORAGE MEDIUM

In Vol 59 , No 33 , Page(s) 4530 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name CHONGQING CHANGAN AUTOMOBILE CO., LTD., Application No. 2024417781, under INID (54) correct the title to read METHOD AND APPARATUS FOR CONTROLLING TORQUE OF HYBRID ELECTRIC VEHICLE, VEHICLE, AND STORAGE MEDIUM

In Vol 59 , No 33 , Page(s) 4618 under the heading **Applications Accepted - Name Index** Under the name Roshan Water Solutions Incorporated, Application No. 2020269085, under INID (71) correct the applicant name to Roshan Water Solutions Incorporated

In Vol 59 , No 34 , Page(s) 4684 under the heading **Applications OPI - Name Index** Under the name CHONGQING CHANGAN AUTO-MOBILE CO., LTD., Application No. 2024419981, under INID (54) correct the title to read Method and Apparatus for Controlling Charging Power of In-Vehicle Battery, Vehicle and Medium

In Vol 59 , No 34 , Page(s) 4712 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name CHONGQING CHANGAN AUTOMOBILE CO., LTD., Application No. 2024419981, under INID (54) correct the title to read Method and Apparatus for Controlling Charging Power of In-Vehicle Battery, Vehicle and Medium

In Vol 59 , No 35 , Page(s) 4681 under the heading **Amendments - Amendments Made** Under the name MUSCO CORPORATION, Application No. 2025205439, under INID 72 correct Inventors to read GORDIN, Myron; MCKEE, Luke C.; LICKISS, Chris P. and LEWIS, Jr. Kenneth G.

In Vol 59 , No 37 , Page(s) 4966 under the heading **Complete Applications Filed - Name Index** Under the name Aurora Operations, Inc.; Aurora Operations, Inc., Application No. 2025223934, under INID (71) remove co-applicant Aurora Operations, Inc.

In Vol 59 , No 37 , Page(s) 5128 under the heading **Assignments Registered** Delete all reference to 2011338841.

In Vol 59 , No 37 , Page(s) 5129 under the heading **Assignments Registered** Delete all reference to 2014354852.

Specifications Republished

2019409156	Alcon Inc.
2020229779	The Regents of the University of California
2022206789	AADIGEN, LLC
2022271491	Academisch Ziekenhuis Leiden, also acting under the name Leiden University Medical Centre ("LUMC")
2022381586	ZTE CORPORATION

Specifications Republished

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

2018447770	Southern Fabrication Works LLC
2019258956	QIAGEN GmbH
2019266454	QIAGEN GmbH
2019340383	Crane & Co., Inc.
2019394008	Subsea 7 Norway AS