



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 -

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 28 Oct 2025 .

(71) 4DMedical Limited (21) 2025905151 (22) 29.10.2025 (54) METHOD AND SYSTEM FOR MEASURING REGIONAL PERFUSION OF THE LUNGS	(71) Alexander Cooper Investments PTY LTD (21) 2025905153 (22) 29.10.2025 (54) Boot cleaner	(71) Audeh, S.; Audeh, R. (21) 2025905244 (22) 02.11.2025 (54) Herbal mixtures, methods of making them and methods using them
(71) Abdulslam, J. (21) 2025905134 (22) 29.10.2025 (54) Self-Cleaning Solar Street Light with Integrated Atmospheric Water Harvesting Using Desiccant and On-Demand AI-Triggered Spray Cleaning	(71) Algenie Pty Ltd (21) 2025905178 (22) 30.10.2025 (54) Optical arrangement and method for a photobioreactor	Audeh, R. see Audeh, S. (21) 2025905245
(71) Abu Seif, M. (21) 2025905261 (22) 03.11.2025 (54) REFERENCING SYSTEMS AND METHODS	(71) Amino5 Pty Ltd t/as Amino Five (21) 2025905275 (22) 04.11.2025 (54) A SYSTEM AND METHOD FOR THE PRODUCTION OF A STABILISED LIQUID FORM BRANCH CHAIN AMINO ACIDS (BCAA) AND DERIVATIVES	(71) Audeh, S.; Audeh, R. (21) 2025905245 (22) 02.11.2025 (54) Herbal mixtures
(71) adams, m. (21) 2025905176 (22) 30.10.2025 (54) Nexus Door-Mounted Air Conditioning System	(71) Anchor App Pty Ltd (21) 2025905227 (22) 01.11.2025 (54) Adaptive Physiological Monitoring and Intervention System Using Consumer Wearable Devices for Early Detection of Emotional Dysregulation, Featuring Personalized Baseline Learning Algorithm, Five-Tier Crisis Escalation Model, and Real-Time Delivery of Dialectical Behavior Therapy and Cognitive Behavioral Therapy Micro-Interventions Through Mobile Platform to Teach Self-Regulation Skills and Promote Progressive User Independence in Populations with Borderline Personality Disorder, PTSD, and Other Emotion Regulation Challenges	(71) Auspowercell PTY LTD (21) 2025905164 (22) 30.10.2025 (54) A DUST SUPPRESSION SYSTEM FOR A WORKSITE
(71) AdvanCell Pty Limited (21) 2025905141 (22) 29.10.2025 (54) Radioisotope sources	(71) Australian National University (21) 2025905179 (22) 30.10.2025 (54) High intensity radiation source and uses thereof	(71) Australian Nuclear Science and Technology Organisation; LieNA Pty Ltd (21) 2025905259 (22) 03.11.2025 (54) CAUSTIC CONVERSION PROCESS FOR RECOVERING LITHIUM
(71) Aetherion Pty Ltd (21) 2025905269 (22) 03.11.2025 (54) Livestreaming tours with embedded augmented and virtual reality with option to book in-person tours	(71) Ayres, C. (21) 2025905228 (22) 01.11.2025 (54) IMPROVED FLYWHEEL DESIGN FOR USE IN A BRUTE GYROSCOPE	(71) Ayonz Pty Limited (21) 2025905135 (22) 29.10.2025 (54) Modular powerboard extension system
(71) Alavi, A. (21) 2025905236 (22) 02.11.2025 (54) Hybrid Solar-Hydrodynamic Energy Conversion System	(71) Angstmann, T. (21) 2025905274 (22) 04.11.2025 (54) Method and Kit for Diagnosing Endometriosis Using Circular RNA Biomarkers in Combination with CA125	(71) Balfour, G.D. (21) 2025905282 (22) 04.11.2025 (54) Carbon-Negative 3D-Printed Building Brick with DAC-Sequestered CO2 and Mycelium Binder
	Audeh, R. see Audeh, S. (21) 2025905244	

Provisional Applications Filed - Name Index cont'd

Banstola, A. see University of Otago
(21) 2025905154

Banstola, A. see University of Otago
(21) 2025905175

(71) BILLI R&D PTY LTD
(21) 2025905197 (22) 31.10.2025
(54) IMPROVED SPOUT TERMINATOR

(71) Biotron Limited
(21) 2025905277 (22) 04.11.2025
(54) ANTI-VIRAL COMPOUNDS

(71) Blignaut, S.
(21) 2025905144 (22) 29.10.2025
(54) Portable Carry On Sleep/Privacy Pod Convertible from Case or Backpack with Integrated Low Noise Labyrinth Ventilation, Entry Micro Air Curtain, and Travel Access Pockets

(71) Cause Pty Ltd
(21) 2025905231 (22) 01.11.2025
(54) System and Method for Adaptive Behaviour Modification Using Digital-Use Telemetry and Cognitive-Behavioural Therapy Logic

(71) Cause Pty Ltd
(21) 2025905249 (22) 03.11.2025
(54) Systems and Methods for Transdiagnostic Digital Diagnostics of Mental Health Conditions

(71) Cawood, E.
(21) 2025905219 (22) 31.10.2025
(54) A system ("M-6 Governor") that solves catastrophic AI agent failure. It's a meta-control layer that smooths an agent's chaotic internal actions, preventing "brittle" collapse. The core IP is the "Governor Tax": a real-time metric of this smoothing work. This tax acts as a "check engine light," making failure predictable. This system extends agent operational lifespan by 30x-100x+, trading "brittleness" for "predictable wear-out." Validated in our P-Forge sim (30x) and in MuJoCo (100x+).

(71) Ceres Tag Ltd
(21) 2025905121 (22) 28.10.2025
(54) Animal Management Means for Monitoring and Guiding Animals

(71) CHATO INTERNATIONAL PTY LTD
(21) 2025905263 (22) 03.11.2025
(54) Digital Renewable Export Framework – Complete Specification 20251031 V7

(71) CHNG, W.
(21) 2025905155 (22) 29.10.2025
(54) This system enhances wagering with a core AI Predictive Analytics Engine. Using machine learning on real-time data, it specifically predicts high-probability dead heat occurrences. This foresight enables proactive creation of targeted promotions and can trigger a Dead Heat Insurance Module, boosting engagement and managing risk within a transparent wagering ecosystem.

(71) Circular Equity Partners Pty Ltd
(21) 2025905133 (22) 29.10.2025
(54) SMARCPR — Strategic Mass & Alkalinity Reduction, Metals Concentration, and Prediction for Readymade Production: A circular, regenerative, carbon-negative system that transforms hazardous red mud into Principalis Res (a stable, neutral intermediate), achieving >90% acid and alkali recycle while yielding critical minerals, producing strategic alloys and semiconductors and enabling secure, reversible storage of nuclear assets in self-sourced containment matrices.

(71) Clarity Pharmaceuticals Ltd
(21) 2025905152 (22) 29.10.2025
(54) Cancer targeting compounds and methods for their production

(71) COD LAB PTY LTD
(21) 2025905172 (22) 30.10.2025
(54) Training System and Methods for Evasive Running Drills Using Spaced Gates

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2025905168 (22) 30.10.2025
(54) A PROCESS FOR SYNTHESIZING A PRODUCT BY CATALYTIC REACTION OF ONE OR MORE FLUIDIC REACTANTS

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2025905170 (22) 30.10.2025
(54) An Element for a Dielectric Barrier Discharge Reactor

(71) Compnd Pty Ltd
(21) 2025905254 (22) 03.11.2025
(54) Automated Fill, Drain, and Water-Level Management System for Ice Baths and Immersion Therapy Devices

(71) Compnd Pty Ltd
(21) 2025905255 (22) 03.11.2025
(54) Integrated In-Bath Control and Display Interface for Immersion-Therapy Devices

(71) Compnd Pty Ltd
(21) 2025905256 (22) 03.11.2025
(54) System and Method for Calculating and Displaying Perceived Cold Intensity in Immersion Baths

(71) Continuum Dynamics International Pty Ltd
(21) 2025905239 (22) 02.11.2025
(54) System and Method for Continuous Assurance of Process Integrity, Provenance and Compliance Accross Industrial and Supply-Chain Environments

(71) Copper Care Wood Preservatives, Inc.
(21) 2025905140 (22) 29.10.2025
(54) Topical Antifungal Composition for Keratinised Tissue

(71) Cox, D.
(21) 2025905235 (22) 02.11.2025
(54) Sunlight Directing Apparatus for Thermal Treatment of Unwanted Vegetation

(71) Davies, w.
(21) 2025905214 (22) 31.10.2025
(54) DOOGY-DODO BUM-BAG

(71) Desertmaster Intellectual Property Pty Ltd
(21) 2025905260 (22) 03.11.2025
(54) Adjustable chassis for caravan or RV

(71) DIAM DISPLAY AUSTRALIA PTY LTD
(21) 2025905265 (22) 03.11.2025
(54) Shelving Assembly

(71) Dunlop, C.
(21) 2025905207 (22) 31.10.2025
(54) MASK FOR VETERINARY APPLICATIONS

(71) Elkaffas, M.
(21) 2025905162 (22) 30.10.2025
(54) Elkaffas Voltage System (EVP-SNPS) Voltage-Only Causal Protection and Metrology Platform

(71) Em Wise Pty Ltd
(21) 2025905202 (22) 31.10.2025
(54) Quantum Jump Defence System for Adaptive Artificial Intelligence Coherence Preservation

Provisional Applications Filed - Name Index cont'd

(71) Em Wise Pty Ltd (21) 2025905241 (22) 02.11.2025 (54) Quantum AI Reactor System and Method for Adaptive Coherence Control and Energy Stabilisation	(71) Global Health Solutions and Innovations Pty Ltd (21) 2025905177 (22) 30.10.2025 (54) A novel combinatorial herbal supplement	(71) Healey, M. (21) 2025905240 (22) 02.11.2025 (54) Ultra-High Coherence Signal Generation Using Optimized Envelope Functions
(71) entX Limited (21) 2025905150 (22) 29.10.2025 (54) PROCESS FOR THE EXTRACTION AND PURIFICATION OF URANIUM FROM WET-PROCESS PHOSPHORIC ACID	(71) GRAMELE INDUSTRIAL HOLDINGS PTY LTD (21) 2025905143 (22) 29.10.2025 (54) COMPOUNDS FOR AMELIORATING MICROBIAL GROWTH	(71) Holley, D. (21) 2025905127 (22) 28.10.2025 (54) Guiding Device
(71) Eyelo Pty Limited (21) 2025905264 (22) 03.11.2025 (54) PERSONAL EYEWEAR CLEANING DEVICE	(71) Griffiths, N. (21) 2025905232 (22) 01.11.2025 (54) AiVARE — Adaptive Artificial Intelligence Customer Relationship Management System Featuring Deep Agent Architecture, Feedback Learning Engine, and Dynamic Data Valuation Model for the Real Estate Industry	(71) IndyFilm (21) 2025905130 (22) 28.10.2025 (54) Continuous Plasma Junction Welding for Universal Material Manufacturing
(71) Farley, T. (21) 2025905212 (22) 31.10.2025 (54) Privacy-preserving offline request metering using issuer-blind VOPRF tokens and compliance credits.	Gunarathna, V. see Gunarathna Mudiyan-selage, P.B.G. (21) 2025905246	(71) Kim, J.H. (21) 2025905242 (22) 02.11.2025 (54) HUMAN FACE IMAGES AND METADATA PREPROCESSING FOR SKIN TYPE CLASSIFICATION
Ferreira Silvestre, O. see University of Otago (21) 2025905154	(71) Gunarathna Mudiyan-selage, P.B.G.; Gunarathna, V.; Ratnayake, N. (21) 2025905246 (22) 02.11.2025 (54) The Physical wealth creation systems using a physical networking systems akin to the internet	(71) Koschel, M. (21) 2025905229 (22) 01.11.2025 (54) ECHO BLEED
Ferreira Silvestre, O. see University of Otago (21) 2025905175	(71) H & Y Designs Pty Ltd (21) 2025905280 (22) 04.11.2025 (54) Dispenser for Foam Hand Soap	(71) Leach, B. (21) 2025905196 (22) 31.10.2025 (54) Thermally Isolated Smart Food Weighing Apparatus with Modular Rings and Portion-Assist Function
(71) Flat Pty Ltd (21) 2025905200 (22) 31.10.2025 (54) SUPPORT	(71) Habla Zig-Zag Kilns International Pty Ltd (21) 2025905125 (22) 28.10.2025 (54) A Continuous Kiln	(71) Lee, W. (21) 2025905267 (22) 03.11.2025 (54) A personalised voltage applicator for disease prevention
(71) Ford, L. (21) 2025905278 (22) 04.11.2025 (54) design process for an autopoietic AI system "The Open Spiral AI Architecture"	(71) Hakfoort, J. (21) 2025905139 (22) 29.10.2025 (54) An Electric Machine	(71) Li, T. (21) 2025905234 (22) 02.11.2025 (54) Autonomous Adversarial Generation, Deception-Guarded Self-Healing, and Tamper-Evident Proof-of-Recovery for Healthcare Systems
(71) ForeverBio Innovations Pty Ltd (21) 2025905183 (22) 30.10.2025 (54) Casein proteins and variants thereof	(71) Hameryk-Janicky, H. (21) 2025905204 (22) 31.10.2025 (54) Deployable Hull Breach Sealing System	LieNA Pty Ltd see Australian Nuclear Science and Technology Organisation (21) 2025905259
(71) Gavrylytsia, V. (21) 2025905224 (22) 31.10.2025 (54) EXTIMA: Non-invasive neuromorphic biosensing and predictive physiological state analysis system.	Harris, M. see Harris, K. (21) 2025905270	(71) Lithium Universe Limited (21) 2025905157 (22) 29.10.2025 (54) Method for Calcium Removal
(71) Geotech Pty Ltd (21) 2025905173 (22) 30.10.2025 (54) A MICROPILE FOUNDATION CAP	(71) Harris, K.; Harris, M. (21) 2025905270 (22) 03.11.2025 (54) Habi: The Habit Helper – A Play-Based Co-Regulation and Routine Support System for Children	(71) Lithium Universe Limited (21) 2025905158 (22) 29.10.2025 (54) Lithium Carbonate Purification
		(71) Lithium Universe Limited (21) 2025905159 (22) 29.10.2025 (54) Method of Removing Impurities from a Lithium Leachate

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(71) MACDONALD, F. (21) 2025905161 (22) 30.10.2025 (54) Tetrapod-shaped Bagging System	merchant, product, date, and location, enabling instant search and warranty tracking while providing anonymised analytics for merchants.	(71) Mortensen, T. (21) 2025905131 (22) 28.10.2025 (54) A Computer-Implemented Method for Measuring and Predicting Ethical Stability in Human-AI Systems
(71) Macquarie University (21) 2025905199 (22) 31.10.2025 (54) Annealing method	(71) Mercael, O. (21) 2025905216 (22) 31.10.2025 (54) Child Protection Wearable Device with Heart Rate-Triggered AI Audio Distress Detection	(71) Moylan, S. (21) 2025905230 (22) 01.11.2025 (54) System and Method for Privacy-Preserving, Multi-Image AI Correlation and Seller-Intent-Driven Marketplace Listing Automation
(71) Macquarie University (21) 2025905258 (22) 03.11.2025 (54) Biomarker panel for assessing MS prognosis	(71) MICRO IP PTY LTD (21) 2025905213 (22) 31.10.2025 (54) Sealed Coaxial Bias-Tee Power and Communication Feed for Machine-Mounted Sensors	(71) MULTIVENTURE INDUSTRIES PTY LTD (21) 2025905215 (22) 31.10.2025 (54) DISRUPTOR – Portable Electromagnetic Pulse System with Integrated Faraday Shielding, Thermal-Stability Control, and Battery-Powered Pulsed-Power Architecture
(71) MAISON ALWADHI (21) 2025905115 (22) 28.10.2025 (54) Enterprise Data Migration API featuring Zero Air-Gap Operation, Post-Quantum Cryptography and Zero-Visibility Framework	(71) Middle Creek Pastoral Pty Ltd (21) 2025905238 (22) 02.11.2025 (54) Wagpol Cattle Breeding program	(71) NewSouth Innovations Pty Limited (21) 2025905124 (22) 28.10.2025 (54) Solar cell with improved passivated contact
(71) Manta Ray SA Pty. Ltd. (21) 2025905211 (22) 31.10.2025 (54) WATERBORNE VESSEL	(71) Mighty Woods Pty Ltd (21) 2025905064 (22) 24.10.2025 (54) Driver TouchLock - Driver Distraction Prevention System	(71) Nextrack Pty Ltd (21) 2025905182 (22) 30.10.2025 (54) Apixaban Composition
(71) Mardha, V.T. (21) 2025905169 (22) 30.10.2025 (54) SOLO-BREACH-SIMULATOR: A System and Method for Integrated Post-Quantum Threat Intelligence with Zero Trust Identity and MITRE ATT&CK Kill Chain Visualization.	(71) Min, B.W. (21) 2025905138 (22) 29.10.2025 (54) Fermented Fusion Yeast Spread with Plant-Based Margarine and Composition with Omega-3:6 Ratio	(71) NYASULU, G. (21) 2025905262 (22) 03.11.2025 (54) COVID-19 ORAL SPRAY COMPOSITION TREATMENT
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(71) MATJOY PTY LTD (21) 2025905248 (22) 03.11.2025 (54) Smart Wellness Mat with Biometric Sensing and Visual Light Interface for Guided Breath Control and Stress Relief	Mohammad, Y. see University of Otago (21) 2025905175	(71) Peng, H. (21) 2025905185 (22) 30.10.2025 (54) Systems and Methods for Digital Equity Release, Automated Property Valuation, and Instant Settlement of Home-Secured Credit Using Bank-Integrated AI Decisioning and Digital Twin Architecture
(71) Maxfield, D. (21) 2025905271 (22) 03.11.2025 (54) Global Innovation ledger	(71) Monash University (21) 2025905257 (22) 03.11.2025 (54) MICRO-ARCHITECTURE ELECTROCHEMICAL BIOSENSORS FOR NON-DESTRUCTIVE ASSESSMENT OF FOOD SAFETY, QUALITY, AND FRESHNESS	(71) Peng, H. (21) 2025905247 (22) 03.11.2025 (54) Peng Global Regulatory Settlement & Reserve Rail (PGR-Rail): A Multi-Currency Digital Interbank Settlement System with Tokenized Stablecoin Clearing, Instant Finality, Automated Compliance, and Asset-Backed Liquidity Instruments.
(71) McCartney, H. (21) 2025905250 (22) 03.11.2025 (54) Spade Bit Sharpening Tool	(71) Morgan, K.; Mastalir, P. (21) 2025905167 (22) 30.10.2025 (54) Drill Bit for Drilling Composite Materials	(71) Peter MacCallum Cancer Institute (21) 2025905146 (22) 29.10.2025 (54) PEPTIDES AND USES THEREOF
(71) MEA Trading Pty Ltd (21) 2025905166 (22) 30.10.2025 (54) ReCeipt is an NFC-enabled hardware and mobile platform that delivers and manages digital receipts. A plug-and-play device connects to any POS to send encrypted, tokenised receipts directly to smartphones via NFC. The ReCeipt app stores and indexes them by	(71) Morrison, M. (21) 2025905145 (22) 29.10.2025 (54) MODULAR THERMAL MANAGEMENT COMPOSTING SYSTEM WITH INTEGRATED PFAS DESTRUCTION CAPABILITY	

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(71) Peter MacCallum Cancer Institute
(21) 2025905148 (22) 29.10.2025
(54) PEPTIDES AND USES THEREOF

(71) Price, A.
(21) 2025905195 (22) 30.10.2025
(54) Onetix

(71) Pring, G.
(21) 2025905268 (22) 03.11.2025
(54) Adjustable bracket, method and assembly

(71) Project If Pty Ltd
(21) 2025905137 (22) 29.10.2025
(54) Back support

(71) Protectyourselfatalltimes Pty Ltd
(21) 2025905095 (22) 26.10.2025
(54) APPARATUS AND METHODS FOR BIOMECHANICAL ASSESSMENT

(71) Protectyourselfatalltimes Pty Ltd
(21) 2025905198 (22) 31.10.2025
(54) KINETIC INTELLIGENCE PLATFORM

(71) Queensland University of Technology
(21) 2025905180 (22) 30.10.2025
(54) Inclusive Modular Exercise Equipment

**Ratnayake, N. see Gunarathna Mudiyan-
selage, P.B.G.**
(21) 2025905246

(71) Recce Pharmaceuticals Ltd
(21) 2025905142 (22) 29.10.2025
(54) COMPOUNDS AND MEDICAL USES THEREOF

(71) Reel-Tech Pty Ltd
(21) 2025905160 (22) 29.10.2025
(54) Axial Torque Limiter for a Reel Assembly Having an Automatic Release Mechanism

**RESMED ASIA PTE. LTD. see RESMED
PTY LTD**
(21) 2025905205

(71) RESMED PTY LTD
(21) 2025905181 (22) 30.10.2025
(54) DRIVE FOR AN INTRAORAL DEVICE

(71) RESMED PTY LTD; RESMED ASIA
PTE. LTD.
(21) 2025905205 (22) 31.10.2025
(54) System and Method for Tracking Activ-
ities

Reynolds, J. see University of Otago
(21) 2025905154

Reynolds, J. see University of Otago
(21) 2025905175

(71) Richards, N.J.
(21) 2025905147 (22) 29.10.2025
(54) Water pipe installation system

Rizwan, S. see University of Otago
(21) 2025905154

Rizwan, S. see University of Otago
(21) 2025905175

(71) Rowan Tree Health Pty Ltd
(21) 2025905156 (22) 29.10.2025
(54) Method and system for indicating docu-
mentation gaps

(71) ryan, e.
(21) 2025905243 (22) 02.11.2025
(54) veterinary dental gag and lip retractor

(71) Samsara Eco Pty Limited
(21) 2025905217 (22) 31.10.2025
(54) Depolymerisation enzymes and uses
thereof

(71) Sangui Bio Pty Ltd
(21) 2025905208 (22) 31.10.2025
(54) Methods for detecting colorectal neo-
plasia

Sarker, A. see University of Otago
(21) 2025905154

Sarker, A. see University of Otago
(21) 2025905175

(71) Scootboot Pty Ltd
(21) 2025905220 (22) 31.10.2025
(54) An Equine Reining Boot

(71) Seiler, J.
(21) 2025905203 (22) 31.10.2025
(54) Multi-Sensor Digital Straight Edge for
Construction Surface Measurement

(71) Shadepac Pty Ltd.
(21) 2025905174 (22) 30.10.2025
(54) OPENING LOUVRED ROOF SYSTEM

(71) Shannon, S.
(21) 2025905225 (22) 31.10.2025
(54) After market Evaporative cooler pad fil-
ter. Both magnetic backed frame that
is easily stuck over the top of pads and
a non-magnetic design that slides over
the top of the pads along an aftermar-
ket railing system installed to the ex-
ternal frame of the evaporative cooler.

(71) smartworkerstyltd
(21) 2025905209 (22) 31.10.2025
(54) System and Method for Geo-Spatial
Tooltip-Based Content Monetization
with AI Validation

(71) smith, s.
(21) 2025905201 (22) 31.10.2025
(54) System and Protocol for Authenticity
Verification, Scoring, Display, Record-
ing, and Optional Provenance Attest-
ation of Human-Generated and AI-As-
sisted Digital Content (GasIAight Pro-
tocol™)

(71) smith, s.
(21) 2025905221 (22) 31.10.2025
(54) Title of Invention: Authit™ by Smxth™
— System and Method for Authenticity
Verification and Transparency of AI-
Generated Digital Content

(71) smith, s.
(21) 2025905252 (22) 03.11.2025
(54) Authit by Smxth — System and Meth-
od for Human Authorship Verification,
Dataset Monetisation, Regulatory Ana-
lytics, and Authentic Humanity Index
(AHI) Generation

(71) Snowden, T.
(21) 2025905129 (22) 28.10.2025
(54) Magnetic Levitation and Track System
for High-Speed Transport

(71) SUSTAINAIBLER R & D PTY LTD
(21) 2025905223 (22) 31.10.2025
(54) BLAIZE: Live Equilibrium-Intelligence
Systems for Autonomous Systems and
Robotics

(71) Taylor, E.
(21) 2025905233 (22) 01.11.2025
(54) Ethan Taylor trading as Remote Code
Compliance (Confidential - Not for Dis-
tribution) Title:Unmanned aerial vehicle
systems for remote building inspection,
3D code compliance modelling and de-
ployable ground control beacon sys-

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tems for autonomous surveying and certification

(71) The Building Supply Co Pty Ltd
(21) 2025905210 (22) 31.10.2025
(54) TRANSPORTABLE FIRE SHELTER

(71) The Council of the Queensland Institute of Medical Research
(21) 2025905194 (22) 30.10.2025
(54) LONG NON-CODING RNA MOLECULES AND METHODS OF USE

(71) The University of Adelaide
(21) 2025905193 (22) 30.10.2025
(54) TREATMENT OF CCA-TREATED WOOD

(71) The University of Adelaide
(21) 2025905222 (22) 31.10.2025
(54) CHELATING AGENTS AND METHODS FOR THEIR PRODUCTION

(71) The University of Sydney
(21) 2025905165 (22) 30.10.2025
(54) Microbial enzyme-mediated hydrolysis for composite recycling

(71) The Walter and Eliza Hall Institute of Medical Research
(21) 2025905184 (22) 30.10.2025
(54) CHIMERIC MOLECULES

(71) Think Tank 42 Pty Ltd
(21) 2025905123 (22) 28.10.2025
(54) A method and system for carbon capture and recycling

(71) Tippetec Holdings Pty Ltd
(21) 2025905149 (22) 29.10.2025
(54) System and Method for Real-Time Skip Bin Logistics Coordination (Tipabin)

(71) TIP TOP BLINDS (VICTORIA) PTY LTD
(21) 2025905251 (22) 03.11.2025
(54) RETRACTABLE ROOFING SYSTEM

(71) Turbosmart Pty Limited
(21) 2025905218 (22) 31.10.2025
(54) An automotive control apparatus and system

(71) University of Otago; Rizwan, S.; Mohammad, Y.; Reynolds, J.; Banstola, A.; Sarker, A.; Ferreira Silvestre, O.
(21) 2025905154 (22) 29.10.2025
(54) Methods for Preparing Liposomes Comprising One or More Agent and Liposomes Made by Such Methods

(71) University of Otago; Rizwan, S.; Mohammad, Y.; Reynolds, J.; Banstola, A.; Sarker, A.; Ferreira Silvestre, O.
(21) 2025905175 (22) 30.10.2025
(54) Methods for Preparing Liposomes Comprising One or More Agent and Liposomes Made by Such Methods

(71) Vissaritis, L.
(21) 2025905128 (22) 28.10.2025
(54) No-Pull Dog Lead Connector

(71) VRF VAULT LIMITED
(21) 2025905206 (22) 31.10.2025
(54) METHODS AND SYSTEMS FOR ASSESSING THE PRESENCE OF MYASTHENIA GRAVIS

(71) ward, M.
(21) 2025905253 (22) 03.11.2025
(54) System and Method for Automatically Linking and Categorising Digital Receipts with Financial Transactions: A computer-implemented system that connects receipt data from merchants or payment processors with corresponding bank or card transactions, automatically extracting, matching, and categorising item details for users and financial institutions.

(71) Watson, D.
(21) 2025905237 (22) 02.11.2025
(54) Mounting Clip with Curved Base and Integrated Holders for Securing Electrical Cables, Conduits, Instrumentation or any infrastructure to Cylindrical Surfaces

(71) Wavewise Analytics Pty Ltd
(21) 2025905136 (22) 29.10.2025
(54) System and Method for Cerebrovascular Monitoring

(71) Wayne Robert Randall
(21) 2025905266 (22) 03.11.2025
(54) Dual-Agent Artificial-Intelligence System and Method for Integrated Audio Capture, Real-Time Speech-to-Text Transcription, Contextual Reasoning, and Continuous Feedback Learning, incorporating Multi-Agent Coordination between Recorder, Analyst, Feedback, and Scheduler Modules to establish a Closed-Loop, Self-Improving, Context-Persistent AI Framework enabling Automated Data Management, Document Referencing, Predictive Knowledge Synthesis, Adaptive Prompt Engineering, and Real-Time Decision Support across Sequential User Sessions for Professional, Legal, and Enterprise Applications.

(71) Wrigley, N.
(21) 2025905276 (22) 04.11.2025
(54) Rootini: a routine responsive companion for all ages.

(71) zahrooni, k.
(21) 2025905272 (22) 03.11.2025
(54) Wearable Headpiece with Programmable Digital Display and Wireless Control System

(71) Zerem Tech PTY LTD
(21) 2025905226 (22) 01.11.2025
(54) Modular Marine Current Electrical Generator

(71) ZEROJET LIMITED
(21) 2025905163 (22) 30.10.2025
(54) CONTROL APPARATUS

(71) ZHOU, Z.
(21) 2025905273 (22) 03.11.2025
(54) Remote-Controlled Weed Sweeping Device

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2025905155	Rowan Tree Health Pty Ltd	2025905226	Zerem Tech PTY LTD
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2025905169	Mardha, V.T.	2025905240	Healey, M.
2025905170	Commonwealth Scientific and Industrial Research Organisation	2025905241	Em Wise Pty Ltd
2025905171	Openx Doors Pty Ltd	2025905242	Kim, J.H.
2025905172	COD LAB PTY LTD	2025905243	ryan, e.
2025905173	Geotech Pty Ltd	2025905244	Audeh, S.; Audeh, R.
2025905174	Shadepac Pty Ltd.	2025905245	Audeh, S.; Audeh, R.
2025905175	University of Otago; Rizwan, S.; Mohammad, Y.; Reynolds, J.; Banstola, A.; Sarker, A.; Ferreira Silvestre, O. adams, m.	2025905246	Gunarathna Mudiyanseelage, P.B.G.; Gunarathna, V.; Ratnayake, N.
2025905176	Global Health Solutions and Innovations Pty Ltd	2025905247	Peng, H.
2025905177	Algenie Pty Ltd	2025905248	MATJOY PTY LTD
2025905178	Australian National University	2025905249	Cause Pty Ltd
2025905179	Queensland University of Technology	2025905250	McCartney, H.
2025905180	RESMED PTY LTD	2025905251	TIP TOP BLINDS (VICTORIA) PTY LTD
2025905181	Nexttrack Pty Ltd	2025905252	smith, s.
2025905182	ForeverBio Innovations Pty Ltd	2025905253	ward, M.
2025905183	The Walter and Eliza Hall Institute of Medical Research	2025905254	Compnd Pty Ltd
2025905184		2025905255	Compnd Pty Ltd
		2025905256	Compnd Pty Ltd
		2025905257	Monash University

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2025905260	Desertmaster Intellectual Property Pty Ltd
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2025905262	NYASULU, G.
2025905263	CHATO INTERNATIONAL PTY LTD
2025905264	Eyelo Pty Limited
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2025905273	ZHOU, Z.
2025905274	Angstmann, T.
2025905275	Amino5 Pty Ltd t/as Amino Five
2025905276	Wrigley, N.
2025905277	Biotron Limited
2025905278	Ford, L.
2025905280	H & Y Designs Pty Ltd
2025905282	Balfour, G.D.

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Applications listed below were processed through the Patent Office Canberra during the period ending 28 Oct 2025 .

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

(71) Abbott Diabetes Care Inc. (21) 2025259998 (22) 03.11.2025 (54) System, device and method of dynamic glucose profile response to physiological parameters	(54) Constitutively active chimeric cytokine receptors	(71) ARUMUGAM, S.R. (21) 2025259909 (22) 30.10.2025 (54) Process and device for the spatially resolved localization of defects in materials
(71) Acres Technology (21) 2025259941 (22) 30.10.2025 (54) A Method for Configuring Casino Operations	(71) Alnylam Pharmaceuticals, Inc. (21) 2025259857 (22) 29.10.2025 (54) Modified double stranded oligonucleotides	(71) AstraZeneca AB; Ionis Pharmaceuticals, Inc. (21) 2025259989 (22) 31.10.2025 (54) METHOD OF TREATING FATTY LIVER DISEASE
(71) Adobe Inc. (21) 2025259913 (22) 30.10.2025 (54) GENERATING BRUSHSTROKES WITH GRAVITY-BASED FLUID FLOW	(71) Alnylam Pharmaceuticals, Inc. (21) 2025259917 (22) 30.10.2025 (54) Multi-targeted single entity conjugates	(71) Aussie Balustrading & Stairs Pty Ltd (21) 2025259948 (22) 31.10.2025 (54) Floating Stair Assembly
(71) Adobe Inc. (21) 2025259918 (22) 30.10.2025 (54) SHAPE AWARE DESCRIPTIVE MOVEMENT SYNTHESIS	(71) Aly, W. (21) 2025259957 (22) 31.10.2025 (54) Augmented Nasal Cannula for Enhanced Oxygen Delivery and CO2 Evacuation	(71) B3 CORP PTY LTD (21) 2025259907 (22) 30.10.2025 (54) A Retaining Wall System
(71) Advanced Medical Solutions Limited (21) 2025259891 (22) 30.10.2025 (54) WOUND DEBRIDEMENT PAD	(71) American Greetings Corporation (21) 2025260004 (22) 03.11.2025 (54) BALLOON BANNER	(71) Badger Meter, Inc. (21) 2025263752 (22) 04.11.2025 (54) System and method for utilizing district metering areas based on meter designations
(71) Aerbetic, Inc. (21) 2025259892 (22) 30.10.2025 (54) NON-INVASIVE MONITORING SYSTEM	(71) Amgen Inc. (21) 2025259816 (22) 28.10.2025 (54) Drug delivery device	(71) Badger Meter, Inc. (21) 2025263756 (22) 04.11.2025 (54) System and method for outdoor leak detection
(71) AGCO do Brasil Soluções Agrícolas Ltda. (21) 2025259895 (22) 30.10.2025 (54) Vehicle suspension with clearance shifting	(71) argenx BVBA; University of Bern (21) 2025259981 (22) 31.10.2025 (54) CD70 and venetoclax, a BCL-2 inhibitor, combination therapy for treating acute myeloid leukemia	(71) Baggoley, A. (21) 2025259996 (22) 01.11.2025 (54) DUAL-CHAMBER INSULATED BEVERAGE BOTTLE
(71) Albert Handtmann Maschinenfabrik GmbH & Co. KG (21) 2025263754 (22) 04.11.2025 (54) DEVICE FOR PRODUCING A BALL-SHAPED FOOD PRODUCT	(71) Aristocrat Technologies Australia Pty Limited (21) 2025259881 (22) 29.10.2025 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER	(71) Battelle Memorial Institute (21) 2025259832 (22) 28.10.2025 (54) Imaging systems and imaging methods
(71) Allflex Australia Pty Ltd (21) 2025259874 (22) 29.10.2025 (54) Electronic animal identification tag reader synchronisation	(71) Aristocrat Technologies Australia Pty Limited (21) 2025259925 (22) 30.10.2025 (54) A GAMING SYSTEM WITH GEOFENCED FUNDS TRANSFER	(71) Baxter Corporation Englewood (21) 2025263759 (22) 04.11.2025 (54) MANAGED MEDICAL INFORMATION EXCHANGE
(71) Allogene Therapeutics, Inc. (21) 2025263743 (22) 04.11.2025		(71) Baxter Healthcare SA; Baxter International Inc. (21) 2025259979 (22) 31.10.2025 (54) VASCULAR MONITORING COLLAR

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Baxter International Inc. see Baxter Health-care SA
(21) 2025259979

Bertram, T. see Jain, D.
(21) 2025259963

(71) Bessor Pharma, LLC
(21) 2025259889 **(22)** 30.10.2025
(54) NOVEL CANNABINOIDS AND CANNABINOID ACIDS AND THEIR DERIVATIVES

(71) Bestway Inflatables & Material Corp.
(21) 2025259973 **(22)** 31.10.2025
(54) AIR VALVE, AIR VALVE ASSEMBLY, AND INFLATABLE PRODUCT

(71) Boston Scientific Neuromodulation Corporation
(21) 2025259819 **(22)** 28.10.2025
(54) Closed loop stimulation based on response avoidance

(71) Boston Scientific Scimed, Inc.
(21) 2025259975 **(22)** 31.10.2025
(54) Systems and devices for an endoscope tubeless working channel

(71) Bourgault Industries Ltd.
(21) 2025263738 **(22)** 04.11.2025
(54) SYSTEM AND METHOD FOR UNFOLDING AN AGRICULTURAL IMPLEMENT

(71) Buckland, A.
(21) 2025260018 **(22)** 03.11.2025
(54) AI Based Professional Support System for Legal practitioners and students, Accountants and Accounting Students, Finance Professionals and Finance Students, Marketing professionals and Marketing students and Engineers and Engineering Students

(71) Canon Kabushiki Kaisha
(21) 2025259870 **(22)** 29.10.2025
(54) Method, apparatus and system for encoding and decoding a tensor

(71) Capital One Services, LLC
(21) 2025263755 **(22)** 04.11.2025
(54) One-tap payment using a contactless card

(71) Caris MPI, Inc.
(21) 2025259972 **(22)** 31.10.2025
(54) GENOMIC PROFILING SIMILARITY

(71) Caterpillar Global Mining Equipment LLC
(21) 2025259893 **(22)** 30.10.2025
(54) SYSTEM FOR DETERMINING HEALTH OF DRILL STRING COMPONENTS OF DRILLING MACHINES

(71) CATERPILLAR INC.
(21) 2025259847 **(22)** 29.10.2025
(54) Top cover for protecting a base edge

(71) CATERPILLAR INC.
(21) 2025259848 **(22)** 29.10.2025
(54) Retainer sleeve with an anti-rotation feature

(71) CATERPILLAR INC.
(21) 2025259894 **(22)** 30.10.2025
(54) OPTIMIZED RENEWABLE FUEL PRODUCTION USING A MICROGRID CONTROLLER

(71) CATERPILLAR INC.
(21) 2025259980 **(22)** 31.10.2025
(54) Replaceable wear plate

(71) Cell Cure Neurosciences Ltd.
(21) 2025260003 **(22)** 03.11.2025
(54) Assessing retinal pigment epithelial cell populations

Centre National de la Recherche Scientifique - CNRS - see Imcheck Therapeutics SAS
(21) 2025259841

(71) Centurion Transport Co Pty Ltd
(21) 2025256253 **(22)** 27.10.2025
(54) FREIGHT CONTAINER FOR TRANSPORTING EXPLOSIVES

(71) Chen, J.
(21) 2025259855 **(22)** 29.10.2025
(54) Quick Release Modular Belt Buckle System

(71) Chevron U.S.A. Inc.
(21) 2025259901 **(22)** 30.10.2025
(54) Expandable polymer grout for sand control in a well

(71) Clementoni S.P.A.
(21) 2025260023 **(22)** 04.11.2025
(54) Customization kit of a stationery item provided with a shaft

(71) CLIMATE LLC
(21) 2025259833 **(22)** 28.10.2025
(54) Updating execution of tasks of an agricultural prescription

(71) Cox, D.
(21) 2025259885 **(22)** 29.10.2025
(54) A device to aid in the enforcement of bicycle speeds and prohibited riding areas using satellite positioning data

(71) CPP Incorporated
(21) 2025259955 **(22)** 31.10.2025
(54) Zone specific airflow condition forecasting system

(71) Crown Equipment Corporation
(21) 2025259849 **(22)** 29.10.2025
(54) Industrial materials handling vehicle comprising a sensor accommodating bumper mount

(71) Crown Equipment Corporation
(21) 2025259850 **(22)** 29.10.2025
(54) High mount sensor assembly movably affixed to an industrial materials handling vehicle

(71) CRRC Meishan Co., Ltd.
(21) 2025259875 **(22)** 29.10.2025
(54) A LARGE-VOLUME ALUMINUM ALLOY GRAIN HOPPER CAR

(71) CRRC Meishan Co., Ltd.
(21) 2025259931 **(22)** 30.10.2025
(54) A FULLY ENCLOSED SEALING STRUCTURE BOTTOM DOOR

(71) Daon Technology
(21) 2025259908 **(22)** 30.10.2025
(54) METHODS AND SYSTEMS FOR ENHANCING THE DETECTION OF FRAUDULENT AUDIO DATA

(71) De' Longhi Appliances S.r.l.
(21) 2025259896 **(22)** 30.10.2025
(54) Cooking apparatus

(71) Deere & Company
(21) 2025259856 **(22)** 29.10.2025
(54) Controlling machine speed while performing section control

(71) Deere & Company
(21) 2025259920 **(22)** 30.10.2025
(54) Dynamic reactive guidance and path planning for autonomous work vehicles

(71) Deere & Company
(21) 2025259927 **(22)** 30.10.2025
(54) Localization system for autonomous work vehicles

Complete Applications Filed - Name Index cont'd

(71) Deere & Company
(21) 2025259928 (22) 30.10.2025
(54) Tree line and lane center estimation using neural networks for autonomous work vehicle guidance

(71) Deere & Company
(21) 2025259933 (22) 30.10.2025
(54) Lane entry and exit prediction for autonomous work vehicle navigation

(71) Deere & Company
(21) 2025259950 (22) 31.10.2025
(54) Holding device for a work vehicle attachment

(71) Delta Electronics, Inc.
(21) 2025259978 (22) 31.10.2025
(54) POWER SUPPLY SYSTEM AND DRIVING METHOD FOR RESONANT CONVERTER

Dentsply DeTrey GmbH see Dentsply Sirona Inc.
(21) 2025259966

(71) Dentsply Sirona Inc.; Dentsply DeTrey GmbH
(21) 2025259966 (22) 31.10.2025
(54) POLYMERIZABLE DENTAL COMPOSITION

(71) Dexcom, Inc.
(21) 2025259872 (22) 29.10.2025
(54) Analyte sensor break-in mitigation

(71) Dicky Beach Surf Company Pty Ltd
(21) 2025260021 (22) 03.11.2025
(54) Surfboard Transport Enclosure

(71) Direct Biologics, LLC
(21) 2025259864 (22) 29.10.2025
(54) Acellular intravenous infusion including mesenchymal stem cell growth factors and exosomes

(71) Dyno Nobel Inc.
(21) 2025259817 (22) 28.10.2025
(54) Systems for automated blast design planning and methods related thereto

(71) EirGen Pharma Ltd.
(21) 2025259887 (22) 30.10.2025
(54) METHOD OF CONTROLLING PROGRESSION OF HYPERTHYROIDISM WITH CALCIFEDIOL, AND COMPOSITIONS FOR USE THEREIN

(71) Eli Lilly and Company
(21) 2025259828 (22) 28.10.2025
(54) Process for preparing a GIP/GLP1 dual agonist

(71) Equifax Inc.
(21) 2025259919 (22) 30.10.2025
(54) Artificial intelligence (AI) driven assistant for computing resource efficient implementation of responsible AI

(71) Essity Hygiene and Health Aktiebolag
(21) 2025259964 (22) 31.10.2025
(54) Absorbent Assembly for Washable Absorbent Undergarment

(71) Essity Hygiene and Health Aktiebolag
(21) 2025259965 (22) 31.10.2025
(54) Washable Absorbent Undergarment

(71) Ethium, LLC
(21) 2025259904 (22) 30.10.2025
(54) RECHARGEABLE BATTERY SYSTEM FOR POWERING A BATTERY-POWERED VEHICLE

(71) Everwell Biological Technology Pty Ltd
(21) 2025259992 (22) 31.10.2025
(54) PROBIOTIC FERMENTED GINSENGOSIDE COMPOSITION, METHOD OF PREPARATION AND USE THEREOF

(71) FalCom A/S
(21) 2025259910 (22) 30.10.2025
(54) Intercom unit

(71) FASTENERS FOR RETAIL, INC.
(21) 2025259912 (22) 30.10.2025
(54) Merchandise security system

(71) Fisher & Paykel Healthcare Limited
(21) 2025259854 (22) 29.10.2025
(54) BREATHING ASSISTANCE APPARATUS AND/OR COMPONENTS THEREOF

(71) Fisher & Paykel Healthcare Limited
(21) 2025259888 (22) 30.10.2025
(54) ZONE HEATING FOR RESPIRATORY CIRCUITS

(71) Fortitude Essentials Pty Ltd
(21) 2025259840 (22) 28.10.2025
(54) Transitional Access Facility

(71) Frost Methane Labs Co.
(21) 2025262257 (22) 04.11.2025
(54) Sensor-Driven Variable Gas Flow Burner System

(71) Fujikura Ltd.
(21) 2025259890 (22) 30.10.2025
(54) OPTICAL CABLE AND OPTICAL CABLE MANUFACTURING METHOD

(71) GA Health Company Limited
(21) 2025259884 (22) 29.10.2025
(54) A Novel Polyp Trap

(71) GAIA BioMedicine Inc.; YONEMITSU, Y.
(21) 2025259838 (22) 28.10.2025
(54) POPULATION OF CD3-NEGATIVE CELLS THAT EXPRESS CHEMOKINE RECEPTOR AND CELL ADHESION MOLECULE, USE OF THE SAME, AND METHOD FOR PRODUCING THE SAME

(71) Genesys Cloud Services, Inc.
(21) 2025263751 (22) 04.11.2025
(54) 1 SYSTEM AND METHOD FOR CUSTOMER JOURNEY EVENT REPRESENTATION LEARNING AND OUTCOME PREDICTION USING NEURAL SEQUENCE MODELS

(71) Genzyme Corporation
(21) 2025259924 (22) 30.10.2025
(54) SERPINC1 RNA COMPOSITIONS AND METHODS OF USE THEREOF

(71) GIGA-BYTE TECHNOLOGY CO.,LTD.
(21) 2025259852 (22) 29.10.2025
(54) COMPUTER DEVICE AND HEARING CORRECTION METHOD

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 2025263740 (22) 04.11.2025
(54) Method and apparatus for encoding/decoding image, for performing deblocking filtering by determining boundary strength, and method for transmitting bitstream

(71) Hartigan, D.
(21) 2025263764 (22) 04.11.2025
(54) A universal 3-axis corner bracket for a bolted steel frame.

(71) Huang, V.
(21) 2025259976 (22) 31.10.2025
(54) Battery recycling

(71) HUBER SE
(21) 2025259897 (22) 30.10.2025
(54) Drying plant for drying moist material and method for controlling the same

Complete Applications Filed - Name Index cont'd

(71) Huizhou Hanxing Optoelectronics Technology Co., Ltd.; WU, H.; Ledture Inc. (21) 2025259939 (22) 30.10.2025 (54) Modular Multi-Light Source Glare-Shielding Structure and Light Source Module Using the Same	(54) CYCLIN-DEPENDENT KINASE 2 BIO-MARKERS AND USES THEREOF	(71) I-SENS, INC (21) 2025260007 (22) 03.11.2025 (54) APPLICATOR AND APPLICATOR ASSEMBLY
(71) HYCET Transmission System (Jiangsu) Co., Ltd. (21) 2025259934 (22) 30.10.2025 (54) METHOD AND APPARATUS FOR CALIBRATING PERMANENT MAGNET SYNCHRONOUS MOTOR, ELECTRONIC DEVICE, STORAGE MEDIUM, AND VEHICLE	(71) Infusion Innovations Pty Ltd (21) 2025259944 (22) 31.10.2025 (54) A sensor array (2)	(71) Jain, D.; Bertram, T. (21) 2025259963 (22) 31.10.2025 (54) Bioactive renal cells for the treatment of chronic kidney disease
(71) iGas Operations Pty Ltd (21) 2025259915 (22) 30.10.2025 (54) Device to prevent loss of liquid on high point vents	Institut Jean Paoli & Irene Calmettes see Imcheck Therapeutics SAS (21) 2025259841	(71) JCM American Corporation (21) 2025263741 (22) 04.11.2025 (54) TRANSACTION METHODS FOR MOBILE WALLET OPERATIONS IN A GAMING
(71) IGT (21) 2025260008 (22) 03.11.2025 (54) PROGRESSIVE AWARD MANAGEMENT IN A GAME STREAMING ENVIRONMENT	Institut National de la Sante et de la Recherche Medicale (INSERM) see Imcheck Therapeutics SAS (21) 2025259841	(71) Jiangsu XCMG State Key Laboratory Technology Co., Ltd. (21) 2025259926 (22) 30.10.2025 (54) Scene-based driverless safety control method and system for mine cart
(71) IGT (21) 2025260009 (22) 03.11.2025 (54) CLIENT DEVICE PROGRESSIVE AWARD ELIGIBILITY IN A GAME STREAMING ENVIRONMENT	Intellia Therapeutics, Inc. see Regeneron Pharmaceuticals, Inc. (21) 2025263758	(71) Jinko Energy Storage Technology Co., Ltd. (21) 2025259959 (22) 31.10.2025 (54) SEPARATOR AND CELLS CONTACT SYSTEM
(71) IGT (21) 2025260010 (22) 03.11.2025 (54) LOCAL AND STREAMING PROGRESSIVE AWARDS EMPLOYED IN A GAME STREAMING ENVIRONMENT	(71) Interpack Pty Ltd (21) 2025259900 (22) 30.10.2025 (54) Bottle cap and method of production and related apparatus	JINKO SOLAR (HAINING) CO., LTD. see Jinko Solar Co., Ltd. (21) 2025259845
(71) Illinois Tool Works Inc. (21) 2025259961 (22) 31.10.2025 (54) Fastener guide	(71) Intervet International B.V. (21) 2025259954 (22) 31.10.2025 (54) Injectable pharmaceutical compositions and uses thereof	(71) Jinko Solar Co., Ltd.; JINKO SOLAR (HAINING) CO., LTD. (21) 2025259845 (22) 29.10.2025 (54) Method for Manufacturing Cell String, Method for Manufacturing Photovoltaic Module, and Photovoltaic Module
(71) Imcheck Therapeutics SAS; Institut National de la Sante et de la Recherche Medicale (INSERM); Universite Aix Marseille; Institut Jean Paoli & Irene Calmettes; Centre National de la Recherche Scientifique - CNRS - (21) 2025259841 (22) 29.10.2025 (54) Anti-BTN3A antibodies and their use in treating cancer or infectious disorders	(71) Intuit Inc. (21) 2025259898 (22) 30.10.2025 (54) Security against identity theft in generative artificial intelligence applications	Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd. (21) 2025259946
(71) Inacril (21) 2025259951 (22) 31.10.2025 (54) Inacril Nail serum	(71) Intuit Inc. (21) 2025259902 (22) 30.10.2025 (54) Structured prompt framework for machine learning model output generation	(71) Johnson & Johnson Vision Care, Inc. (21) 2025259842 (22) 29.10.2025 (54) Ophthalmic lens with an optically non-coaxial zone for myopia control
(71) Incyte Corporation (21) 2025260019 (22) 03.11.2025	(71) Ionis Pharmaceuticals, Inc. (21) 2025259982 (22) 31.10.2025 (54) MODULATORS OF APOL1 EXPRESSION	(71) Johnson & Johnson Vision Care, Inc. (21) 2025259865 (22) 29.10.2025 (54) Toric contact lens stabilization design based on thickness gradients orthogonal to eyelid margin
	Ionis Pharmaceuticals, Inc. see AstraZeneca AB (21) 2025259989	(71) Khamas, N. (21) 2025259997 (22) 01.11.2025 (54) AI-Integrated Holographic Grief Therapy and Digital Memorial System
	(71) IPH International Pty Ltd (21) 2025259952 (22) 31.10.2025 (54) Security door system	

Complete Applications Filed - Name Index cont'd

(71) Knauf Gips KG
(21) 2025263763 (22) 04.11.2025
(54) Gypsum Building Material With Improved High-Temperature Resistance

(71) Laconik Pty Ltd
(21) 2025260014 (22) 03.11.2025
(54) SIMULATION OF CROP PARAMETERS USING WEIGHTED POINT VECTOR LAYERS

Ledture Inc. see Huizhou Hanxing Optoelectronics Technology Co., Ltd.
(21) 2025259939

(71) Leo Cancer Care, Inc.
(21) 2025259967 (22) 31.10.2025
(54) Patient positioning system

(71) LeoLabs, Inc.
(21) 2025259923 (22) 30.10.2025
(54) Calibrating radars and tracking space objects

(71) LG Electronics Inc.
(21) 2025260011 (22) 03.11.2025
(54) Image coding method based on secondary transform, and device therefor

(71) MAAK SUMMIT TRADING PTE. LTD.
(21) 2025263761 (22) 04.11.2025
(54) CLASP-CONNECTING BASE AND CLASP-CONNECTING ASSEMBLY

(71) MACCAFERRI TUNNELING S.r.l.
(21) 2025259929 (22) 30.10.2025
(54) Articulated connection joint between structural elements of a support centring of an excavation

(71) Maduro Discovery, LLC
(21) 2025259987 (22) 31.10.2025
(54) Catheter construction

(71) Mak, J.
(21) 2025263753 (22) 04.11.2025
(54) An Ergonomic Knife

(71) MAKO Surgical Corp.
(21) 2025259903 (22) 30.10.2025
(54) Robotic surgical system with recovery alignment

(71) MAKO Surgical Corp.
(21) 2025259906 (22) 30.10.2025
(54) Robotic spine surgery system and methods

(71) MAKO Surgical Corp.
(21) 2025259916 (22) 30.10.2025
(54) Techniques for adaptive reorientation of a robotic surgical tool

(71) MAKO Surgical Corporation
(21) 2025259949 (22) 31.10.2025
(54) Devices, systems, and methods for optimizing scheduling and inventory associated with medical procedures

(71) Mansell, J.
(21) 2025259971 (22) 31.10.2025
(54) Compositions and methods for the treatment of anesthesia-induced neurotoxicity

(71) MBGSHOLDINGS PTY LTD
(21) 2025259970 (22) 31.10.2025
(54) INTEGRATED AIR-CONDITIONING CIRCUIT AND CO2 REFRIGERATION SYSTEM INCORPORATING SAME

(71) Meso Scale Technologies, LLC.
(21) 2025259995 (22) 31.10.2025
(54) Integrated Consumable Data Management System and Platform

(71) Mishra, T.
(21) 2025259938 (22) 30.10.2025
(54) Hybrid Distributed Edge Compute Infrastructure Using Modular Data Nodes Installed within Privately Owned Non-Commercial Structures, with Energy-Aware Economic Orchestration

(71) MYOKARDIA, INC.
(21) 2025263744 (22) 04.11.2025
(54) TREATMENT OF SYSTOLIC DYSFUNCTION

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025259914 (22) 30.10.2025
(54) POWER TOOL

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025259930 (22) 30.10.2025
(54) BATTERY PACK

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025263746 (22) 04.11.2025
(54) BATTERY PACK FOR POWERING A POWER TOOL AND INTERNAL SHORT CIRCUIT IDENTIFICATION METHOD THEREFOR

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025263747 (22) 04.11.2025
(54) ELECTRIC WHEELED DEVICE

(71) Nantong SupAnchor Geotechnical Systems Co., Ltd.
(21) 2025263757 (22) 04.11.2025
(54) Suspended self-drilling anchor rod device

(71) NEOCRETE LIMITED
(21) 2025260013 (22) 03.11.2025
(54) ACTIVATOR ADMIXTURE FOR CEMENT REDUCTION IN CONCRETE COMPOSITIONS

(71) NGK INSULATORS, LTD.
(21) 2025259968 (22) 31.10.2025
(54) Separation membrane module

(71) Nona Biosciences (Suzhou) Co., Ltd.
(21) 2025259843 (22) 29.10.2025
(54) 4-1BB Binding Protein And Application Thereof

(71) Northwestern University
(21) 2025260005 (22) 03.11.2025
(54) High-density lipoprotein mimetic nanoparticles using lipid conjugated core scaffolds

(71) Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences
(21) 2025259836 (22) 28.10.2025
(54) Ecological Prevention and Control Component for Permafrost Slope Thermokarst Slumping

(71) Oon, Y.
(21) 2025259873 (22) 29.10.2025
(54) System and method of medical problem solving with medical narratives in a non-numerical computer spreadsheet

(71) Oticon Medical A/S
(21) 2025259942 (22) 30.10.2025
(54) Hearing Aid Device

(71) Peterson, C.
(21) 2025260000 (22) 03.11.2025
(54) Therapeutic device

(71) Peterson, C.
(21) 2025260001 (22) 03.11.2025
(54) Therapeutic device

(71) Products On The Go, LLC
(21) 2025259962 (22) 31.10.2025
(54) CERTIFIED NATURAL SKIN CARE PRODUCTS

(71) PROFESSIONAL 6 PTY LTD
(21) 2025259911 (22) 30.10.2025

Complete Applications Filed - Name Index cont'd

(54) APPARATUS AND METHOD FOR RISK MANAGEMENT IN SALES TRANSACTIONS

(71) ProFlow Industrial Pty Ltd
(21) 2025259846 **(22)** 29.10.2025
(54) GAS BYPASS APPARATUS

(71) PROGRESS RAIL LOCOMOTIVE INC.
(21) 2025259899 **(22)** 30.10.2025
(54) CONFIRMATION OF TARGET LOCOMOTIVES IN A TRAIN

(71) Q (CUE) LTD.
(21) 2025260002 **(22)** 03.11.2025
(54) Deciphering of detected silent speech

(71) Q&T Hi-Tech Polymer Company Limited
(21) 2025259822 **(22)** 28.10.2025
(54) Security substrate with micro-optical effects, security document, and method for manufacturing the same

(71) QLD MADE PTY LTD
(21) 2025260015 **(22)** 03.11.2025
(54) JUXTAPOSITION AUTHENTICATION ARTICLE

(71) Qualcomm Incorporated
(21) 2025259936 **(22)** 30.10.2025
(54) DESIGN CONSIDERATIONS FOR A RANDOM ACCESS RESPONSE FOR A TWO-STEP RANDOM ACCESS PROCEDURE

(71) Qualcomm Incorporated
(21) 2025259991 **(22)** 31.10.2025
(54) POWER LIMITS BASED ON SIGNAL TYPE FOR MANAGING MAXIMUM PERMISSIBLE EXPOSURE

(71) Quetzal Therapeutics, LLC
(21) 2025259861 **(22)** 29.10.2025
(54) High surface-area lyophilized compositions comprising arsenic for oral administration in patients

(71) Ravi, A.
(21) 2025260017 **(22)** 03.11.2025
(54) ALU-DISSOLVE™ Closure Technology - Recyclable Metal and Composite Bottle Closures

(71) RedOwl Pty Ltd
(21) 2025259876 **(22)** 29.10.2025
(54) Transaction Intelligence

(71) Regeneron Pharmaceuticals, Inc.; Intelia Therapeutics, Inc.
(21) 2025263758 **(22)** 04.11.2025
(54) Compositions And Methods For Expressing Factor IX

(71) Research Institute at Nationwide Children's Hospital
(21) 2025259905 **(22)** 30.10.2025
(54) GENE THERAPY FOR LIMB-GIRDLE MUSCULAR DYSTROPHY TYPE 2C

(71) Respira Therapeutics, Inc.
(21) 2025260006 **(22)** 03.11.2025
(54) Methods and compositions for treatment of pulmonary hypertension and other lung disorders

(71) Sanders, P.
(21) 2025259853 **(22)** 29.10.2025
(54) 'Dual-purpose wearable cooling and beverage device'

(71) SAP SE
(21) 2025259880 **(22)** 29.10.2025
(54) Coordinating transactions across databases and open format tables

(71) Seattle Project Corp.
(21) 2025259935 **(22)** 30.10.2025
(54) Reducing junction epitope presentation for neoantigens

(71) Shopify Inc.
(21) 2025259871 **(22)** 29.10.2025
(54) SYSTEMS AND METHODS FOR GENERATING AUGMENTED REALITY SCENES FOR PHYSICAL ITEMS

(71) Shot Scope Technologies Limited
(21) 2025259834 **(22)** 28.10.2025
(54) Golf Assistance Device

(71) Siemens Healthcare Diagnostics Inc.
(21) 2025259990 **(22)** 31.10.2025
(54) Biomarkers for idiopathic Pulmonary Fibrosis and methods of producing and using same

(71) SKYLOTEC GmbH
(21) 2025259883 **(22)** 29.10.2025
(54) Harness And Method

(71) Snap-on Incorporated
(21) 2025263742 **(22)** 04.11.2025
(54) Wireless charging and powering of tools

(71) Soilmec S.p.A.
(21) 2025259886 **(22)** 30.10.2025

(54) EXCAVATION MACHINE FOR MAKING EXCAVATIONS FOR CREATING DIAPHRAGM WALLS

(71) Stewart, T.
(21) 2025259945 **(22)** 31.10.2025
(54) ANTI FLOAT BOUNCE DEVICE

(71) Stryker Corporation
(21) 2025259953 **(22)** 31.10.2025
(54) Techniques for remotely modifying video data quality to optimize streaming in surgical extended reality

(71) Sungrow Icarbon Technology Co., Ltd.
(21) 2025259922 **(22)** 30.10.2025
(54) Certification system and method for carbon neutrality, device and storage medium

(71) SUSTAINAIBLER R & D PTY LTD
(21) 2025259994 **(22)** 31.10.2025
(54) Yodis Dynamics: A Cognitive Engineering Runtime and Decision-Flow Governance Framework for Explainable Artificial Intelligence Systems

(71) Syngenta Crop Protection AG
(21) 2025259969 **(22)** 31.10.2025
(54) Increasing plant transformability by cytotype transfer

(71) Taizhou Runjie Logistics Safety Equipment Science and Technology Co., Ltd.
(21) 2025259940 **(22)** 30.10.2025
(54) CONVENIENT FASTENING DEVICE WITH NEATLY ARRANGED WEBBING

(71) Takeda Pharmaceutical Company Limited
(21) 2025259859 **(22)** 29.10.2025
(54) Subcutaneous dosing of anti-CD38 antibodies

(71) Techtronic Cordless GP
(21) 2025259860 **(22)** 29.10.2025
(54) Hard surface cleaning device

(71) Techtronic Cordless GP
(21) 2025259984 **(22)** 31.10.2025
(54) Cell and battery having same

(71) Techtronic Cordless GP
(21) 2025263766 **(22)** 04.11.2025
(54) Power Tool Motor Control And Methods Associated Therewith

(71) The Boeing Company
(21) 2025259866 **(22)** 29.10.2025

Complete Applications Filed - Name Index cont'd

(54) Composite structure with an infused functional structure

The Chinese University of Hong Kong see The Hong Kong Polytechnic University
(21) 2025259974

(71) The Hong Kong Polytechnic University;
The Chinese University of Hong Kong
(21) 2025259974 (22) 31.10.2025
(54) Arginase albumin binding domain fusion proteins and methods of use thereof

(71) The Regents of the University of California
(21) 2025259879 (22) 29.10.2025
(54) A GENE THERAPY STRATEGY TO RESTORE ELECTRICAL AND CARDIAC FUNCTION, AND CARDIAC STRUCTURE, IN ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY

(71) The Toro Company
(21) 2025263745 (22) 04.11.2025
(54) AUTONOMOUS PATH TREATMENT SYSTEMS AND METHODS

The USA as represented by the Department of Veterans Affairs; Dept. of Veterans Affairs Office of General Counsel - PAG IV (024) see University of Maryland, Baltimore
(21) 2025259977

(71) THREE POINTS TECHNOLOGY PTY LTD
(21) 2025263748 (22) 04.11.2025
(54) A Device for Monitoring the Emission from a High Point Vent on a Water Piping System

(71) Toshiba Energy Systems & Solutions Corporation
(21) 2025259988 (22) 31.10.2025
(54) Rotary electric machine managing system

(71) Toyota Jidosha Kabushiki Kaisha
(21) 2025259858 (22) 29.10.2025
(54) Solid-state battery and method of manufacturing solid-state battery

(71) Toyota Jidosha Kabushiki Kaisha
(21) 2025259862 (22) 29.10.2025
(54) Battery pack

(71) Toyota Jidosha Kabushiki Kaisha
(21) 2025259863 (22) 29.10.2025
(54) Battery pack

(71) Toyota Jidosha Kabushiki Kaisha
(21) 2025259985 (22) 31.10.2025
(54) Porous silicon manufacturing method, porous silicon, negative electrode layer, and secondary battery

(71) TrialWire Pty Ltd
(21) 2025259937 (22) 30.10.2025
(54) Integrated Adaptive AI-Powered Technology Stack for Secure, Compliant, and Automated Clinical Trial Recruitment and Management

(71) Trisco ICAP Pty Ltd
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(71) TScan Therapeutics, Inc.
(21) 2025260022 (22) 04.11.2025
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(71) TuSimple, Inc.
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(54) System and method for vehicle position and velocity estimation based on camera and lidar data

(71) Umano Medical Inc.
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(71) Unilever Global IP Limited
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(54) Antiperspirant compositions

(71) Unison Industries, LLC
(21) 2025259921 (22) 30.10.2025
(54) AIR TURBINE STARTER WITH CONTAINMENT ASSEMBLY

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(21) 2025259841

University of Bern see argenx BVBA
(21) 2025259981

(71) University of Maryland, Baltimore; The USA as represented by the Department of Veterans Affairs; Dept. of Veterans Affairs Office of General Counsel - PAG IV (024)
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(54) Non-catalytic substrate-selective P38a-specific MAPK inhibitors with endotheli-

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(54) Flow monitoring station

(71) VBreathe Pty Ltd
(21) 2025260016 (22) 03.11.2025
(54) Air filtering and treatment apparatus and system

(71) Watts, J.
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(54) Aegis legal ai

(71) WEIR MINERALS AUSTRALIA LTD
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(54) FROTH PUMP ASSEMBLY AND PARTS THEREOF

(71) Welldoc, Inc.
(21) 2025263749 (22) 04.11.2025
(54) DIGITAL THERAPEUTIC SYSTEMS AND METHODS

(71) White River Contracting Ltd.
(21) 2025259956 (22) 31.10.2025
(54) SYSTEMS, DEVICES, AND METHODS FOR A WATER CANNON

(71) Wood Modification Technologies Limited
(21) 2025259960 (22) 31.10.2025
(54) Enhanced performance of wood and engineered wood products using combined durability and flame retardancy

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(21) 2025259939

(71) Xero Limited
(21) 2025259932 (22) 30.10.2025
(54) Systems for access control and system integration

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(21) 2025259838

(71) Youmail, Inc.
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(54) Identifying, Screening, and Blocking of Calls from Problematic Telecommunications Carriers and Number Blocks

(71) Zhejiang Jinko Energy Storage Co., Ltd.
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(54) Cabinet Body Cooperation Structure,
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(21) 2025259946 (22) 31.10.2025

(54) Solar Cell, Method for Preparing the
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(71) Zodiac Pool Systems LLC

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(54) Automatic swimming pool cleaner espe-
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
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A	Applications on which examination has not been requested or directed
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2019

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2020

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2023

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2024

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 2025220801 (7CN) 2025220859 (7CN) 2025256202 (12CN)
 2025900785 (12AN) 2025903783 (17N)

Assignments before Grant, Section 113

2020

2020254768 Emerald Kalama Chemical, LLC. The application has been assigned to **Lanxess Corporation**

2020404441 OK Innovations Pty Ltd The application has been assigned to **Kelly, Oliver**

2021

2021201505 Gregory Commercial Furniture Pty Limited The application has been assigned to **JasonL Pty Limited**

2021214581 Oncternal Therapeutics, Inc. The application has been assigned to **Ho'ola Therapeutics Inc.**

2021262819 Fulcrum Bioenergy, Inc. The application has been assigned to **FULC JV LLC**

2021360951 NEXT SCIENCE IP HOLDINGS PTY LTD The application has been assigned to **Osartis GmbH**

2021362201 Next Science IP Holdings Pty Ltd The application has been assigned to **Osartis GmbH**

2021414122 NEXT SCIENCE IP HOLDINGS PTY LTD The application has been assigned to **Osartis GmbH**

2022

2022202571 Fulcrum Bioenergy, Inc. The application has been assigned to **FULC JV LLC**

2022242797 API-K The application has been assigned to **ABEE-WAY**

2023

2023201612 Fulcrum Bioenergy, Inc. The application has been assigned to **FULC JV LLC**

Assignments before Grant, Section 113

2023229521 WA Drill Hire Pty Ltd The application has been assigned to **SEED, Robert; SEED, Quenton**

2023233220 Next Science IP Holdings Pty Ltd The application has been assigned to **Osartis GmbH**

2023257372 SYNNOVATION THERAPEUTICS, INC. The application has been assigned to **PIKAVATION THERAPEUTICS, INC**

2023274137 Leica Microsystems CMS GmbH; Leica Mikrosysteme GmbH The application has been assigned to **Leica Mikrosysteme GmbH**

2023356163 POINT DESIGNS LLC The application has been assigned to **The Regents of the University of Colorado; Point Designs, Inc.**

2023399883 NEXT SCIENCE IP HOLDINGS PTY LTD The application has been assigned to **Osartis GmbH**

2023409023 ONCTERNAL THERAPEUTICS, INC. The application has been assigned to **Ho'ola Therapeutics Inc.**

2023441967 NO, Jun Hyung; NO, Jun Woo The application has been assigned to **Shuruby Co., Ltd.**

2024

2024202584 Intervet International B.V.; Corteva Agriscience LLC The application has been assigned to **Corteva Agriscience LLC**

2024204662 Fulcrum Bioenergy, Inc. The application has been assigned to **FULC JV LLC**

2024904200 Nikolitsas, Nektarios; Papagelou, Angelos; Lekkas, Dimitra The application has been assigned to **Germblock Holdings Pty Ltd**

2025

2025200400 Next Science IP Holdings Pty Ltd The application has been assigned to **Osartis GmbH**

2025223831 Panosian, Michael H.; Keeler, Joshua M. The application has been assigned to **ToughBuilt Industries INC.**

2025226698 PharmaBiome AG The application has been assigned to **Ferring B.V.**

2025901859 Vandy, Vanessa The application has been assigned to **Mandalin Limited**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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

2010

2010223882 **Isolynx, LLC** An application to extend the time from 15 Mar 2025 to 15 Oct 2025 in which to pay a renewal fee has been filed . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2020

2020380349 **Nohbo, Inc.** An application to extend the time from 05 Nov 2024 to 05 Aug 2025 in which to pay a continuation fee has been filed . Address for service - Pizzys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023

2023363768 **SUN CHEMICAL B.V.** An application to extend the time from 18 May 2025 to 18 Sep 2025 in which to enter the National Phase has been filed . Address for service - FB Rice Pty Ltd Level 29, 126 Phillip Street Sydney NSW 2000 AU

2024

2024204354 **The Regents of the University of California** An application to extend the time from 19 Jan 2025 to 19 Sep 2025 in which to pay a continuation fee has been filed . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

Applications Allowed - Section 223(2)

2013

2013360016 **Sunny Corner Exploration Inc.** The time in which to pay a renewal fee has been extended to 11 Aug 2025 . Address for service - CCK Lawyers L 9 182 Victoria Sq Adelaide SA 5000 AU

2017

2017208721 **Nexdius Limited** The time in which to pay a renewal fee has been extended to 23 Aug 2025 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2018

2018271266 **O'Brien, K.M.** The time in which to pay a renewal fee has been extended to 27 Jul 2025 . Address for service - Kristian Michael OBrien 21 Twenty Fifth Ave Palm Beach QLD 4221 AU

2019

2019392588 **Shumka, J.; Shumka, T.** The time in which to pay a continuation fee has been extended to 17 May 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2019392588 **Shumka, J.; Shumka, T.** The time in which to pay a continuation fee has been extended to 17 May 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2019392588 **Shumka, J.; Shumka, T.** The time in which to pay a continuation fee has been extended to 17 May 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

Extensions of Time, Section 223

vice - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2019392588 **Shumka, J.; Shumka, T.** The time in which to pay a continuation fee has been extended to 17 May 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2019392588 **Shumka, J.; Shumka, T.** The time in which to pay a continuation fee has been extended to 17 May 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2019392588 **Shumka, J.; Shumka, T.** The time in which to gain acceptance has been extended to 12 Dec 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2020

2020391414 **Cisco Technology, Inc.** The time in which to pay a continuation fee has been extended to 13 Jun 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2021

2021210593 **Dawako Medtech, S.L.** The time in which to request examination has been extended to 29 Jun 2025 . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 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.

2018

2018307744 Anti-CD8 antibodies and uses thereof **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2025 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2020

2020216186 Oligonucleotide compositions and methods thereof **Wave Life Sciences Ltd.** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

2020258619 JAK1 selective kinase inhibitor **Dizal (Jiangsu) Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 24171 Melbourne VIC 3001 AU

2020280543 Anti-hepatitis B virus antibodies and use thereof **Xiamen University ; Yang Sheng Tang Company, Ltd.** The nature of

Amendments

the amendment is as shown in the statement(s) filed 17 Oct 2025 . Address for service - Davies Collison Cave Pty Ltd Level 28, 500 Bourke Street MELBOURNE VIC 3000 AU

2022

2022304597 **AZETIDINYL PYRIMIDINES AND USES THEREOF ALCON INC.** The nature of the amendment is as shown in the statement(s) filed 20 Oct 2025 . Address for service - K&L Gates Level 25 South Tower, 525 Collins Street Melbourne VIC 3000 AU

2024

2024204155 Child Safety Seat with Headrest Height Adjustment Mechanism **Britax Romer Kindersicherheit GmbH** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2025 . Address for service - K&L Gates Level 25 South Tower, 525 Collins Street Melbourne VIC 3000 AU

2024220076 Production of highly purified 212Pb **Sciencons AS** The nature of the amendment is as shown in the statement(s) filed 03 Oct 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2008

2008216106 **Novartis AG** The nature of the amendment is as shown in the statement filed 24 Jul 2025

2016

2016100324 **Techtronic Outdoor Products Technology Limited.** The nature of the amendment is as shown in the statement filed 14 May 2025

2017

2017377852 **Reata Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 03 Jun 2025

2018

2018273988 **Bruin Biosciences, Inc.; The Regents of the University of California** The nature of the amendment is as shown in the statement filed 17 Jun 2025

2019

2019255744 **Xencor, Inc.** The nature of the amendment is: Amend the name of the inventor to read DESJARLAIS, John; BERNETT, Matthew; BONZON, Christine; VARMA, Rajat; RASHID, Rumana and LIU, Ke

2019275109 **Genzyme Corporation** The nature of the amendment is as shown in the statement filed 22 Jul 2025

2019334801 **Haritou, C.; Fada, A.** The nature of the amendment is as shown in the statement filed 25 Mar 2025

2019378879 **Biospan Technologies, Inc.** The nature of the amendment is: To amend the applicant name to BioSpan Technologies, Inc.

2019391691 **Kop-Coat, Inc.** The nature of the amendment is as shown in the statement filed 08 Aug 2025

Amendments

2020

2020242053 **Emory University** The nature of the amendment is as shown in the statement filed 31 Jul 2025

2020256912 **GE MINI D PTY LTD** The nature of the amendment is: Application is to proceed under the number 2020104513

2020269887 **F. HOFFMANN-LA ROCHE AG** The nature of the amendment is as shown in the statement filed 04 Jul 2025

2020282975 **F. HOFFMANN-LA ROCHE AG** The nature of the amendment is: Amend the name of the inventor to read KOEHLER, Michael Friedrich Thomas; SMITH, Peter Andrew; WINTER, Dana; SOW, Boubacar; STURINO, Claudio; PELLETIER, Guillaume; BOUDREAULT, Jonathan and ROY, Stéphanie

2020286370 **Qualcomm Incorporated** The nature of the amendment is: Amend the invention title to read ENHANCED USER EQUIPMENT CAPABILITY EXCHANGE DURING ENHANCED MAKE-BEFORE-BREAK HANDOVER

2020481159 **Biocorp Production S.A.S.** The nature of the amendment is: To amend the applicant name to Biocorp Production S.A.S.

2021

2021203036 **ESCO Group LLC** The nature of the amendment is as shown in the statement filed 30 Jun 2025

2022

2022206323 **Adaxion Therapeutics, Inc.; The Scripps Research Institute** The nature of the amendment is: To amend the applicant name to Adaxion Therapeutics, Inc. and The Scripps Research Institute

2022228541 **ELI LILLY AND COMPANY** The nature of the amendment is as shown in the statement filed 11 Jun 2025

2022330711 **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; GRAINS RESEARCH AND DEVELOPMENT CORPORATION** The nature of the amendment is: Amend the name of the inventor to read RAL, Jean-Philippe; HOWITT, Crispin; MIEOG, Jos; COLGRAVE, Michelle; BROADBENT, James; BOSE, Utpal and JOBLING, Steve

2022388425 **ACCU TARGET MEDIPHARMA (SHANGHAI) CO., LTD.** The nature of the amendment is: Amend the invention title to read CRYOABLATION NEEDLE HAVING DUAL JOULE THOMSON SLOTS

2022443216 **Honeywell LNG LLC** The nature of the amendment is: To amend the applicant name to Honeywell LNG LLC

2023

2023201968 **Qualcomm Incorporated** The nature of the amendment is as shown in the statement filed 04 Aug 2025

2023202731 **1 Space Pty Ltd** The nature of the amendment is as shown in the statement filed 31 Jul 2025

Amendments

2023203846 **Qualcomm Incorporated** The nature of the amendment is as shown in the statement filed 05 Aug 2025

2023206126 **Kite Pharma, Inc.** The nature of the amendment is as shown in the statement filed 04 Aug 2025

2023251471 **Mirza Agha Tabar, M.A.** The nature of the amendment is: Amend the invention title to read CallsSecure

2023286795 **TechnipFMC Norge AS** The nature of the amendment is: To amend the applicant name to TechnipFMC Norge AS

2023289513 **TechnipFMC Norge AS** The nature of the amendment is: To amend the applicant name to TechnipFMC Norge AS

2023333897 **RUNWAY BLUE, LLC** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2025

2023357431 **Gedeon Richter Benelux SRL** The nature of the amendment is: To amend the applicant name to Gedeon Richter Benelux SRL

2023447181 **VINDA PAPER (CHINA) COMPANY LTD; ESSITY HYGIENE AND HEALTH AKTIEBOLAG** The nature of the amendment is: Amend the name of the inventor to read WU, Huimin; LIU, Qixing; CHEN, Jinying; ZHAO, Xiao; LIANG, Chengjian; HUANG, Yinsheng; GUO, Haiying; ELIASSON, Louise and HÖRLE, Magdalena

2024

2024202928 **Honeywell LNG LLC** The nature of the amendment is: To amend the applicant name to Honeywell LNG LLC

2024203151 **Xencor, Inc.** The nature of the amendment is: Amend the name of the inventor to read Bonzon, Christine; Varma, Rajat; Desjarlais, John; Rashid, Rumana; Bernett, Matthew and Liu, Ke

2024204046 **Honeywell LNG LLC** The nature of the amendment is: To amend the applicant name to Honeywell LNG LLC

2024204422 **Honeywell LNG LLC** The nature of the amendment is: To amend the applicant name to Honeywell LNG LLC

2024210372 **GUANGZHOU HENOVCOM BIOSCIENCE CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 19 Aug 2025

2024225887 **EPIZON, INC.** The nature of the amendment is: To remove convention application details US 63/447,312 dated 21 Feb 2023

2024242081 **PRIME GENE THERAPEUTICS CO., LTD.** The nature of the amendment is: Amend the invention title to read MACROCYCLIC COMPOUND, PHARMACEUTICAL COMPOSITION AND USE THEREOF

2024244923 **SKY CO.,LTD.** The nature of the amendment is: Amend the invention title to read eSIM ACTIVATION SYSTEM AND A STORAGE DEVICE STORING A PROGRAM

2024246284 **TOP CAP HOLDING GMBH** The nature of the amendment is: Amend the invention title to read Can end

Amendments

2024246375 **ELECTRIC LAUNCH, LLC** The nature of the amendment is: Amend the invention title to read ELECTRO-MAGNETIC LAUNCH SYSTEMS AND METHODS USING HIGH FORCE MAGNETIC LEVITATION

2024251002 **MARQUETTE UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read SHEIKH, Iqbal Ahamed and SABITH, Nafi US Sabbir

2024263877 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read Communication Method and Communication Apparatus

2024267778 **BONDI PEAK PTY LTD** The nature of the amendment is as shown in the statement filed 23 Jun 2025

2024274464 **CHINA MOBILE COMMUNICATION CO., LTD RE-SEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Information Transmission Methods, User Equipments, Network Devices, and Relevant Storage Media

2024283241 **NANJING CHERVON INDUSTRY CO., LTD.** The nature of the amendment is: Amend the invention title to read MANNED MOWER AND OUTDOOR WORK VEHICLE

2024303646 **SPACERAKE, INC.** The nature of the amendment is: Amend the name of the inventor to read CAHOY, Kerri L.; WACHS, Jordan; MATHASON, Brian; WERTHEIMER, Jeremy M.; SERRA, Paul C. and MARLOW, Weston A.

2024903894 **Wosnap** The nature of the amendment is: To amend the applicant name to Wosnap

2025

2025203960 **Acurx Pharmaceuticals, Inc.** The nature of the amendment is: To amend the applicant name to Acurx Pharmaceuticals, Inc.

2025901269 **Angelift Pty Ltd** The nature of the amendment is: To amend the applicant name to Angelift Pty Ltd

2025905004 **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is: Amend the invention title to read A PROCESS AND SYSTEM FOR REMOVING CARBON DIOXIDE FROM A GAS STREAM

2025905076 **Bahram, M.** The nature of the amendment is: Amend the invention title to read Wildara wellness program app system

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

2006

2006238748 **HERCULES PROJECT COMPANY LLC** The name of the patentee has been altered to **Honeywell LNG LLC**

2007

2007301444 **Microtec S.R.L.** The name of the patentee has been altered to **MICROTEC S.p.A.**

Amendments**2008**

2008257712 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2008257821 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2008279890 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2008326876 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2008341224 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2009

2009213201 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2009318882 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2010

2010201730 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2010211446 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2010255182 M Bio Technology Inc.; National Institute of Infectious Diseases The name of the patentee has been altered to **Japan Institute for Health Security; M Bio Technology Inc.**

2010275100 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2010311379 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2011

2011200920 Microtec S.r.l. The name of the patentee has been altered to **MICROTEC S.p.A.**

2012

2012210533 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2012264741 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2012361235 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2013

2013202933 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

Amendments

2013234446 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2013265629 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2013286194 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2013296552 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2014

2014204888 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2014204959 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2014301373 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2014327641 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2014328486 Sequilibrer Pty Ltd The name of the patentee has been altered to **Motum Simulation Pty Ltd**

2015

2015201236 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2015201965 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2015201967 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2015201969 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2015238780 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2015273742 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2015316947 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2015316948 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2015345046 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

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2016

2016200259 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2016202430 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2016227662 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2016231640 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2016348649 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2016372422 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2017

2017201683 Microtec S.r.l. The name of the patentee has been altered to **MICROTEC S.p.A.**

2017202136 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2017203215 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2017204908 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2017222210 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2017245952 Global Analyzer Systems Limited The name of the patentee has been altered to **Direct Optics Inc.**

2017331399 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2018

2018201588 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2018201591 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2018226462 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2018233053 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2018233054 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

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2018283227 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2018299733 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2018351798 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2018385461 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2019

2019202814 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2019202815 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2019203150 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2019208279 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2019213373 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2019268173 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2019294856 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2019404179 Acurx Pharmaceuticals, LLC The name of the patentee has been altered to **Acurx Pharmaceuticals, Inc.**

2020

2020201573 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2020219470 Microtec S.r.l. The name of the patentee has been altered to **MICROTEC S.p.A.**

2020256438 Microtec S.r.l. The name of the patentee has been altered to **MICROTEC S.p.A.**

2020344878 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2020363817 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2021

2021200263 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

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2021201501 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2021204327 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2021220232 FMC Kongsberg Subsea AS The name of the patentee has been altered to **TechnipFMC Norge AS**

2021225175 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

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2022200594 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2022204410 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2023

2023202188 HERCULES PROJECT COMPANY LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2023237164 Honeywell LNG LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2023242090 HERCULES PROJECT COMPANY LLC The name of the applicant has been altered to **Honeywell LNG LLC**

2023243420 Honeywell LNG LLC The name of the patentee has been altered to **Honeywell LNG LLC**

2024

2024202011 University of Louisville Research Foundation The name of the applicant has been altered to **University of Louisville Research Foundation Inc.**

2024263322 YALE UNIVERSITY The name of the applicant has been altered to **The United States Government as represented by the Department of Veterans Affairs; YALE UNIVERSITY**

2024303646 SPACERAKE, INC.; Kerri L. CAHOY; Jordan WACHS ; Brian MATHASON ; Jeremy M. WERTHEIMER ; Paul C. SERRA The name of the applicant has been altered to **SPACERAKE, INC.**

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(71) 4Web, Inc. (11) AU-A-2025259808 (21) 2025259808 (22) 28.10.2025 (54) PIEZOELECTRIC COATED IMPLANTS AND METHODS OF USING PIEZOELECTRIC COATED IMPLANTS TO REPAIR BONE STRUCTURES (51) Int. Cl. <i>A61F 2/28</i> (2006.01) <i>A61F 2/30</i> (2006.01) <i>A61F 2/32</i> (2006.01) <i>A61F 2/38</i> (2006.01) <i>A61F 2/42</i> (2006.01) <i>A61F 2/44</i> (2006.01) <i>A61F 2/46</i> (2006.01) (43) 13.11.2025 (62) 2020385014 (72) HUNT, Jesse; CARMODY, Cameron N; GANEY, Timothy (74) Griffith Hack	(71) Accure Therapeutics, S.L.; Institut d'investigacions Biomèdiques August Pi i Sunyer (IDIBAPS) (11) AU-A-2025256076 (21) 2025256076 (22) 21.10.2025 (54) Combination Therapy Methods, Compositions and Kits (51) Int. Cl. <i>A61K 31/225</i> (2006.01) <i>A61K 38/06</i> (2006.01) <i>A61P 25/28</i> (2006.01) (43) 13.11.2025 (62) 2020298782 (72) Villoslada Diaz, Pablo (74) MBIP	(71) AdvanCell Pty Limited (11) AU-A-2025256273 (21) 2025256273 (22) 27.10.2025 (54) Radiopharmaceuticals (51) Int. Cl. <i>C07K 7/02</i> (2006.01) <i>A61K 9/00</i> (2006.01) <i>A61K 33/241</i> (2019.01) <i>A61K 51/04</i> (2006.01) <i>A61P 35/00</i> (2006.01) (43) 13.11.2025 (62) 2023322242 (72) PUTTICK, Simon; TIEU, William; KUAN, Kevin (74) FB Rice Pty Ltd
(71) AbbVie Inc. (11) AU-A-2025256148 (21) 2025256148 (22) 23.10.2025 (54) Pharmaceutical formulations for subcutaneous administration (51) Int. Cl. <i>A61K 31/661</i> (2006.01) <i>A61K 9/00</i> (2006.01) <i>A61K 9/08</i> (2006.01) <i>A61P 25/16</i> (2006.01) (43) 13.11.2025 (62) 2019379806 (72) LOCKE, Charles S.; STODTMANN, Sven; ROBIESON, Weining Z.; FACHERIS, Maurizio F.; SEVER, Nancy; JAMEEL, Feroz; ROSEBRAUGH, Matthew; MOUSSA, Ehab (74) Spruson & Ferguson	(71) Adobe Inc. (11) AU-A-2025200768 (21) 2025200768 (22) 05.02.2025 (54) PROXY-GUIDED IMAGE EDITING (51) Int. Cl. <i>G06T 5/60</i> (2024.01) <i>G06N 20/00</i> (2019.01) <i>G06T 11/00</i> (2006.01) <i>G06V 10/25</i> (2022.01) <i>G06V 20/00</i> (2022.01) (31) 63/637,748 (32) 23.04.24 (33) US (43) 13.11.2025 (72) Zhou, Yuqian; Singh, Krishna Kumar; Lin, Zhe (74) RnB IP Pty Ltd	(71) AgeX Therapeutics, Inc. (11) AU-A-2025256196 (21) 2025256196 (22) 24.10.2025 (54) Methods for the re-derivation of diverse pluripotent stem cell-derived brown fat cells (51) Int. Cl. <i>C12N 5/00</i> (2006.01) <i>C12N 5/07</i> (2010.01) <i>C12N 5/077</i> (2010.01) (43) 13.11.2025 (62) 2023200525 (72) West, Michael; Sternberg, Hal (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
(71) AbbVie Inc. (11) AU-A-2025256155 (21) 2025256155 (22) 23.10.2025 (54) Processes for the preparation of (3S,4R)-3-ethyl-4-(3H-imidazo[1,2-a]pyrrolo[2,3-e]-pyrazin-8-yl)-	(71) Advanced Lithium Electrochemistry Co., Ltd. (11) AU-A-2024227400 (21) 2024227400 (22) 17.10.2024 (54) Composite anode material and preparation method thereof (51) Int. Cl. <i>H01M 4/133</i> (2010.01) <i>H01M 4/04</i> (2006.01) (31) 113115923 (32) 29.04.24 (33) TW	(71) air up group GmbH (11) AU-A-2025256112 (21) 2025256112 (22) 22.10.2025 (54) Drinking device (51) Int. Cl. <i>A47G 19/22</i> (2006.01) <i>A47G 21/18</i> (2006.01) <i>B65D 47/06</i> (2006.01) <i>B65D 51/24</i> (2006.01)

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(72) JÄGER, Tim; JÜNGST, Magdalena;
KOPPITZ, Jannis; SCHLANG, Fabian
(74) Spruson & Ferguson

(71) Aladdin Manufacturing Corporation
(11) AU-A-2025259814
(21) 2025259814 (22) 28.10.2025
(54) Low weight modular carpet components
and methods of making the same
(51) Int. Cl.
D06N 7/00 (2006.01)
(43) 13.11.2025
(62) 2023263481
(72) Gallman, Michael Christopher; BELL,
Michael E
(74) Davies Collison Cave Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.
(11) AU-A-2025256083
(21) 2025256083 (22) 21.10.2025
(54) Complement component C5 iRNA com-
positions and methods of use thereof
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
(43) 13.11.2025
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(72) FITZGERALD, Kevin; BUTLER, James;
BETTENCOURT, Brian; BORO-
DOVSKY, Anna; KUCHIMANCHI,
Satyanarayana; CHARISSE, Klaus;
MANOHARAN, Muthiah; MAIER,
Martin; RAJEEV, Kallanthottathil G;
FOSTER, Donald
(74) Griffith Hack

(71) Amgen Inc.
(11) AU-A-2025256197
(21) 2025256197 (22) 24.10.2025
(54) Offline troubleshooting and develop-
ment for automated visual inspection
stations
(51) Int. Cl.
G05B 19/418 (2006.01)
(43) 13.11.2025
(62) 2020385111
(72) MILNE, Graham F.; BERNACKI, Joseph
Peter; PEARSON, Thomas C.
(74) Spruson & Ferguson

(71) Amgen Inc.
(11) AU-A-2025259816
(21) 2025259816 (22) 28.10.2025
(54) Drug delivery device
(51) Int. Cl.
A61M 5/28 (2006.01)
A61M 5/315 (2006.01)
A61M 5/20 (2006.01)
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(43) 13.11.2025
(62) 2020359434
(72) SORENSEN, Michael; EILERTSEN,
Lars; FINKELSTEIN, Emil; MADURO
NORBO, Tobias
(74) Spruson & Ferguson

(71) Angel Group Co., Ltd.
(11) AU-A-2025259798
(21) 2025259798 (22) 28.10.2025
(54) Inspection system and game token
(51) Int. Cl.
A63F 3/00 (2006.01)
A63F 9/24 (2006.01)
G06K 7/10 (2006.01)
G06K 7/12 (2006.01)
G06K 19/04 (2006.01)
G06K 19/06 (2006.01)
G06K 19/08 (2006.01)
G07D 5/00 (2006.01)
(43) 13.11.2025
(62) 2023226712
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Anker Innovations Technology Co., Ltd.
(11) AU-A-2025202644
(21) 2025202644 (22) 15.04.2025
(54) Power conversion system
(51) Int. Cl.
H05K 5/00 (2006.01)
H01R 9/26 (2006.01)
H02B 1/28 (2006.01)
H02J 7/00 (2006.01)
(31) 202420923371.6 (32) 29.04.24 (33) CN
(43) 13.11.2025
(72) ZENG, Anfu; LUO, Jianguo; OUYANG,
Yi; XUAN, Denghui
(74) Spruson & Ferguson

(71) Antinous Technology Company Limited
(11) AU-A-2024259767
(21) 2024259767 (22) 06.11.2024
(54) On-demand release of antibiotic com-
position and method for treating infec-
tions
(51) Int. Cl.
A61K 31/5383 (2006.01)
A61K 9/127 (2006.01)
A61K 38/14 (2006.01)
A61K 47/36 (2006.01)
A61P 31/04 (2006.01)
(31) 63/640,133 (32) 29.04.24 (33) US
(43) 13.11.2025
(72) ZHANG, Kang
(74) Spruson & Ferguson

(71) Apple Inc.
(11) AU-A-2025256126
(21) 2025256126 (22) 22.10.2025
(54) User interfaces for tracking and finding
items
(51) Int. Cl.
G01V 3/08 (2006.01)
H04W 4/00 (2018.01)
(43) 13.11.2025
(62) 2023254880
(72) BEHZADI, Arian; WANG, Corey Keiko;
ROPER, Gemma; VAN OS, Marcel;
RYAN, Nicole R.; DE JONG, Frank;
PERSSON, Per Haakan Linus; MARI,
Pedro; WOOD, Stuart John; COFF-

MAN, Patrick L.; ALBOUZE, Jean-Fran-
cois M.
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
(11) AU-A-2025256132
(21) 2025256132 (22) 22.10.2025
(54) Surgical stapling instrument having a
two-position lockout mechanism
(51) Int. Cl.
A61B 17/072 (2006.01)
(43) 13.11.2025
(62) 2020227757
(72) ROBERTS, Thomas M B; HOPKINS,
Timothy M; QUINTANA, Quinton A
(74) Griffith Hack

(71) AQUATICA NZ LIMITED
(11) AU-A-2025202763
(21) 2025202763 (22) 19.04.2025
(54) Improvements for a shower tray
(51) Int. Cl.
A47K 3/40 (2006.01)
E03F 5/04 (2006.01)
E04F 15/02 (2006.01)
(31) 810429 (32) 24.04.24 (33) NZ
(43) 13.11.2025
(72) Box, Daniel James; Cumming, William
Neil
(74) Donald Rivers Ensor

(71) Argenx BV
(11) AU-A-2025256105
(21) 2025256105 (22) 22.10.2025
(54) FcRn/HSA binding molecules and
methods of use
(51) Int. Cl.
C07K 16/18 (2006.01)
(43) 13.11.2025
(62) 2023290533
(72) BAUMEISTER, Judith; SILENCE, Kar-
en; BOBKOV, Vladimir; DE HAARD, Jo-
hannes; BLANCHETOT, Christophe;
VAN SANTBERGEN, Jolien; BIGIRIM-
ANA, René
(74) Spruson & Ferguson

(71) Aristocrat Technologies, Inc.
(11) AU-A-2025201642
(21) 2025201642 (22) 06.03.2025
(54) ELECTRONIC GAMING SYSTEMS
AND METHODS FOR TRIGGERING
MULTIPLE METAMORPHIC FEAT-
URES
(51) Int. Cl.
G07F 17/34 (2006.01)
A63F 13/00 (2014.01)
(31) 18/649,421 (32) 29.04.24 (33) US
18/660,773 10.05.24 US
(43) 13.11.2025
(72) Hendricks, Bradley; Englman, Allon;
Marks, Daniel; Xu, Hua
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
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 (54) SYSTEMS AND METHODS FOR EVALUATING A PERSISTENT BONUS GAME JACKPOT AGAINST A DYNAMICALLY SELECTED PAYTABLE
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 13.11.2025
 (62) 2020200821
 (72) WALSH, Kevin; IDEUS, Eldon; CASEY, Michael
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2025256227
 (21) 2025256227 (22) 24.10.2025
 (54) A GAMING SYSTEM AND METHOD OF GAMING
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 13.11.2025
 (62) 2024200831
 (72) BRAMBLE, Paul Francis Jason
 (74) Griffith Hack

(71) Arthrex, Inc.
 (11) AU-A-2025256260
 (21) 2025256260 (22) 27.10.2025
 (54) Multi-bone prediction for orthopaedic procedures
 (51) Int. Cl.
A61B 34/10 (2016.01)
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G16H 50/70 (2018.01)
 (43) 13.11.2025
 (62) 2023325780
 (72) POLTARETSKYI, Sergii; METCALFE, Nick; KNOPF, David; THAKUR, Siddhant
 (74) Spruson & Ferguson

(71) Art Plastics Pty Ltd
 (11) AU-A-2025259825
 (21) 2025259825 (22) 28.10.2025
 (54) BATHROOM FITTINGS
 (51) Int. Cl.
E03C 1/22 (2006.01)
 (43) 13.11.2025
 (62) 2023222930
 (72) Lucas, Tim
 (74) Ahearn Fox

(71) Asiatic Innovations Pty Ltd
 (11) AU-A-2025259801
 (21) 2025259801 (22) 28.10.2025
 (54) Transport and rail infrastructure monitoring system
 (51) Int. Cl.
B61L 3/16 (2006.01)
B61K 9/00 (2006.01)
B61L 1/00 (2006.01)
 (43) 13.11.2025
 (62) 2023251555
 (72) Vivian, Glenn; Hogg, Peter Hamilton
 (74) Intellepro Patent & Trade Mark Attorneys

(71) Axon Enterprise, Inc.
 (11) AU-A-2025256257
 (21) 2025256257 (22) 27.10.2025
 (54) LICENSE PLATE READING SYSTEM WITH ENHANCEMENTS
 (51) Int. Cl.
G06V 30/146 (2022.01)
G06V 10/24 (2022.01)
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 (43) 13.11.2025
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 (72) Alakarhu, Juha; Hakanen, Jesse; Suksi, Matti
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Barrel Rejuvenation Services Pty Ltd
 (11) AU-A-2025256256
 (21) 2025256256 (22) 27.10.2025
 (54) APPARATUS AND METHOD OF TREATING THE INTERNAL SURFACES OF A TIMBER BARREL WITH AN ABRASIVE
 (51) Int. Cl.
B08B 9/08 (2006.01)
B24B 27/033 (2006.01)
B24B 31/00 (2006.01)
B24B 31/14 (2006.01)
B27C 7/00 (2006.01)
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 (72) Blakeman, Jonathan Lindsay; Walker, Kimberley John Buist; McDonald, Ronald John
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.
 (11) AU-A-2025202905
 (21) 2025202905 (22) 11.02.2025
 (54) CARGO STORING AND RETRIEVAL SYSTEM
 (51) Int. Cl.
B65G 1/12 (2006.01)
 (31) 202410525972.6 (32) 28.04.24 (33) CN
 (43) 13.11.2025
 (72) ZHANG, Lei; ZHANG, Guoliang; ZHANG, Genyun; YUAN, Mingjian; CHENG, Yan
 (74) GLMR

(71) Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd.
 (11) AU-A-2025201351
 (21) 2025201351 (22) 25.02.2025
 (54) Ribose-modified cap analog and use thereof
 (51) Int. Cl.
C07H 21/02 (2006.01)
A61K 9/51 (2006.01)
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 (72) ZHANG, Honglei; SONG, Gengshen; LIU, Yangjian; DONG, Kai; MA, Yuqing; ZHANG, Chao; WANG, Yanfeng; ZHANG, Guoliang; JIANG, Lili; ZHANG, Jinyu
 (74) FPA Patent Attorneys Pty Ltd

(71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
 (11) AU-A-2025256091
 (21) 2025256091 (22) 21.10.2025
 (54) Information publishing method and apparatus, information display method and apparatus, electronic device, and medium
 (51) Int. Cl.
G06F 16/432 (2019.01)
 (43) 13.11.2025
 (62) 2022338812
 (72) WANG, Daoyu; ZHENG, Ziyang; WANG, Xingyi; SUN, Hui
 (74) Griffith Hack

(71) BEMO PTY LTD
 (11) AU-A-2025256264
 (21) 2025256264 (22) 27.10.2025
 (54) Conveyor Belt Wear Measurement
 (51) Int. Cl.
B65G 15/36 (2006.01)
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 (74) Fraser Old & Sohn

(71) Betagenon AB
 (11) AU-A-2025238101
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 (54) Methods Of Treating Diabetes In Severe Insulin-Resistant Diabetic Subjects
 (51) Int. Cl.
A61K 45/06 (2006.01)
A61K 31/433 (2006.01)
A61P 3/10 (2006.01)
 (43) 13.11.2025
 (62) 2018448511
 (72) EDLUND, Helena; ERIKSSON, Björn
 (74) WRAYS PTY LTD

(71) Boston Scientific Neuromodulation Corporation
 (11) AU-A-2025259819
 (21) 2025259819 (22) 28.10.2025
 (54) Closed loop stimulation based on response avoidance
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61N 1/05 (2006.01)
A61N 1/372 (2006.01)

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(72) ZHANG, Tianhe; ESTELLER, Rosana
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(21) 2025259810 (22) 28.10.2025
(54) Systems, apparatuses, and methods for tissue ablation
(51) Int. Cl.
A61B 18/04 (2006.01)
A61B 1/00 (2006.01)
A61B 1/307 (2006.01)
(43) 13.11.2025
(62) 2020334920
(72) CARLSON, Steven T.; RAUNIYAR, Niraj Prasad
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(71) Breville Pty Limited
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(54) Espresso machine with cold brew mode
(51) Int. Cl.
A47J 31/34 (2006.01)
A23F 5/26 (2006.01)
A47J 31/00 (2006.01)
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(74) GLMR

(71) Bruin Biometrics, LLC
(11) AU-A-2025256167
(21) 2025256167 (22) 23.10.2025
(54) Device with disposable element
(51) Int. Cl.
H01R 24/00 (2011.01)
H01R 13/631 (2006.01)
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H01R 24/20 (2011.01)
(43) 13.11.2025
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(72) BURNS, Martin F.; CAMPBELL, Bill; GIUNTOLI, David M.; RAPTIS, Mark; ROSS, Graham O.
(74) Spruson & Ferguson

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(54) Water-based coating composition
(51) Int. Cl.
C09D 133/06 (2006.01)
C08K 7/18 (2006.01)
C08K 7/28 (2006.01)
C08L 1/02 (2006.01)
C09D 175/04 (2006.01)

(31) 24172737.9 (32) 26.04.24 (33) EP
(43) 13.11.2025
(72) RAHIKKALA, Virpi
(74) FB Rice Pty Ltd

(71) Canva Pty Ltd
(11) AU-A-2024202684
(21) 2024202684 (22) 24.04.2024
(54) Systems and methods for automatically identifying design element groups
(51) Int. Cl.
G06T 11/60 (2006.01)
G06N 3/0455 (2023.01)
G06T 7/10 (2017.01)
G06V 10/82 (2022.01)
G06N 3/0985 (2023.01)
G06T 11/40 (2006.01)
G06V 10/94 (2022.01)
(43) 13.11.2025
(72) LIANG, Xin; NOTHMAN, Joel
(74) FPA Patent Attorneys Pty Ltd

(71) Carr, A.
(11) AU-A-2025202989
(21) 2025202989 (22) 24.04.2025
(54) Apparatus for supporting slow combustion heater fuel and enabling feeding such fuel into heater
(51) Int. Cl.
F24B 13/04 (2006.01)
A47B 46/00 (2006.01)
A47B 81/00 (2006.01)
F24B 1/191 (2006.01)
F24B 1/198 (2006.01)
F24B 1/199 (2006.01)
F24H 9/00 (2022.01)
(31) 2024901215 (32) 29.04.24 (33) AU
(43) 13.11.2025
(72) Carr, Anthony Marsden
(74) Anthony Marsden Carr

(71) CATERPILLAR INC.
(11) AU-A-2025202430
(21) 2025202430 (22) 04.04.2025
(54) SYSTEM AND METHOD OF OPERATING ENGINES OF WORK MACHINES
(51) Int. Cl.
B60K 23/02 (2006.01)
E02F 9/20 (2006.01)
(31) 18/650250 (32) 30.04.24 (33) US
(43) 13.11.2025
(72) HESSLING, John Bernard; FULCHER, Richard Lane
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
(11) AU-A-2025202431
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(54) SYSTEM AND METHOD FOR MONITORING TENSION IN TRACK OF WORK MACHINE
(51) Int. Cl.
G01S 13/08 (2006.01)
B62D 55/30 (2006.01)
B62D 55/32 (2006.01)
(31) 18/645702 (32) 25.04.24 (33) US

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(72) KRISHNASAMY, Ramesh; SINGH, Ranjit; REYES-RODRIGUEZ, Solimar; BENDER, John; ZHANG, Li; SOURY, Hamza
(74) FPA Patent Attorneys Pty Ltd

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(71) CHONGQING CHANGAN AUTO-MOBILE CO., LTD.
(11) AU-A-2024417778
(21) 2024417778 (22) 05.08.2024
(54) METHOD AND APPARATUS FOR SUPERVISING WORKING CONDITION OF ENGINE, ELECTRONIC DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
F02D 41/00 (2006.01)
F02D 41/22 (2006.01)
(31) 202410530982.9 (32) 29.04.24 (33) CN
(43) 13.11.2025
(72) CHEN, Xuping; HU, Xianli
(74) Madderns Pty Ltd

(71) Chugai Seiyaku Kabushiki Kaisha
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(21) 2025256212 (22) 24.10.2025
(54) Antigen-binding molecule containing two antigen-binding domains that are linked to each other
(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 43/00 (2006.01)
C12N 15/13 (2006.01)
C12P 21/08 (2006.01)
C07K 16/28 (2006.01)
(43) 13.11.2025
(62) 2019315226
(72) SHIRAIWA, Hirotake; KAWA, Tatsuya
(74) Spruson & Ferguson

(71) Clarity Pharmaceuticals Ltd
(11) AU-A-2025256219
(21) 2025256219 (22) 24.10.2025
(54) Compounds and compositions thereof for the treatment of cancer
(51) Int. Cl.
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
C07B 59/00 (2006.01)
C07K 7/02 (2006.01)

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(72) MCINNES, Lachlan Eion; HARRIS, Matthew John; VAN DAM, Ellen Marianne; BIGGIN, Colin
(74) Davies Collison Cave Pty Ltd

(71) Colgate-Palmolive Company
(11) AU-A-2025256151
(21) 2025256151 (22) 23.10.2025
(54) Oral care compositions

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A61K 8/22 (2006.01)
A61K 8/34 (2006.01)
A61Q 11/00 (2006.01)

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(72) DONG, Rong; CHOPRA, Suman;
SZEWCZYK, Gregory
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(71) CTKING, LLC
(11) AU-A-2025256220
(21) 2025256220 (22) 24.10.2025
(54) Flexible U-Bolt Assembly
(51) Int. Cl.
F16L 3/02 (2006.01)
F01N 13/18 (2010.01)
F16B 2/02 (2006.01)
F16B 2/06 (2006.01)
F16L 21/06 (2006.01)
F16L 33/02 (2006.01)

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(72) KING, Paul
(74) JMDS IP Pty Ltd

(71) CureVac SE
(11) AU-A-2025256172
(21) 2025256172 (22) 23.10.2025
(54) Novel lipid nanoparticles for delivery of nucleic acids
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 47/60 (2017.01)
A61K 47/69 (2017.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)

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(72) BAUMHOF, Patrick; NAVARRO, Gemma; BOLLHORST, Tobias; PALMERSTON MENDES, Livia; THIELE-SÜSS, Carolin
(74) Spruson & Ferguson

(71) Curry, W.
(11) AU-A-2025202939
(21) 2025202939 (22) 28.04.2025
(54) Streamlined surfing video camera
(51) Int. Cl.
G03B 17/56 (2021.01)
G03B 17/08 (2021.01)
(31) 2024901201 (32) 29.04.24 (33) AU
(43) 13.11.2025
(72) Curry, William
(74) William Curry

(71) Cyclarity Therapeutics, Inc.
(11) AU-A-2025256094
(21) 2025256094 (22) 21.10.2025
(54) Cyclodextrin dimers, compositions thereof, and uses thereof
(51) Int. Cl.
C08B 37/16 (2006.01)
A61K 31/724 (2006.01)
C08L 5/16 (2006.01)

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(72) O'CONNOR, Matthew, S.; MALANGA, Milo; KOPE, Michael; TOM, Christina, A.T.M.B.; ANDERSON, Amelia, M.
(74) FB Rice Pty Ltd

(71) Deere & Company
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(54) Rotary pivot mechanism for conveyor of sugarcane harvester
(51) Int. Cl.
A01D 45/10 (2006.01)
(31) 18/644,173 (32) 24.04.24 (33) US
(43) 13.11.2025
(72) Pansare, Mahadev S.; Almeida, Kent M.; Louviere, Mark S.
(74) Davies Collision Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2025256099
(21) 2025256099 (22) 22.10.2025
(54) SUGARCANE HARVESTER CROP DIVIDER LIVE TOE WITH FIXED SHOE
(51) Int. Cl.
A01D 45/10 (2006.01)
A01D 63/02 (2006.01)
(43) 13.11.2025
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(72) Richard, Eric; Mixon, Dusk; Toft, Neville; Matherne, Mark; Lopes, Rafael Braga De Freitas Soares
(74) James & Wells Intellectual Property

(71) Dexcom, Inc.
(11) AU-A-2025256125
(21) 2025256125 (22) 22.10.2025
(54) Applicators for applying transcutaneous analyte sensors and associated methods of manufacture
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)
A61B 5/15 (2006.01)

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(74) FB Rice Pty Ltd

(71) Dexcom, Inc.
(11) AU-A-2025256127
(21) 2025256127 (22) 22.10.2025

(54) Analyte sensor with impedance determination
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1486 (2006.01)
A61B 5/1495 (2006.01)
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(72) BOHM, Sebastian; HARLEY-TROCHIMCZYK, Anna Claire; RONG, Daiting; MA, Rui; LAN, Wenjie; SHI, Minglian; SHETH, Disha B.; KALFAS, Nick; CRABTREE, Vincent Peter; TURKSOY, Kamuran
(74) FB Rice Pty Ltd

(71) Diraq Pty Ltd
(11) AU-A-2025256165
(21) 2025256165 (22) 23.10.2025
(54) An advanced processing element and system
(51) Int. Cl.
G06N 10/00 (2022.01)
B82B 1/00 (2006.01)
B82B 3/00 (2006.01)
B82Y 10/00 (2011.01)
H01L 21/18 (2006.01)
H01L 21/283 (2006.01)
H01L 21/31 (2006.01)
H10D 48/01 (2025.01)
H10D 48/36 (2025.01)
H10D 48/38 (2025.01)
H10D 62/83 (2025.01)
H10D 64/20 (2025.01)
H10D 84/00 (2025.01)

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(72) DZURAK, Andrew; YANG, Chih-Hwan Henry; HENSEN, Bas; HUANG, Wister; LAUCHT, Arne
(74) FB Rice Pty Ltd

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(21) 2025256258

(71) Dolby Laboratories Licensing Corporation; Dolby International AB
(11) AU-A-2025256258
(21) 2025256258 (22) 27.10.2025
(54) Rendering of audio objects with apparatus size to arbitrary loudspeaker layouts
(51) Int. Cl.
H04S 3/00 (2006.01)
(43) 13.11.2025
(62) 2024200627
(72) MATEOS SOLE, Antonio; TSINGOS, Nicolas R.
(74) Spruson & Ferguson

(71) Dolby Laboratories Licensing Corporation
(11) AU-A-2025259796
(21) 2025259796 (22) 28.10.2025
(54) Adaptive Processing with Multiple Media Processing Nodes

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G10L 25/00 (2013.01)
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Riedmiller, Jeffrey; Pribadi, Marvin;
Radhakrishnan, Regunathan
(74) Chrysiliou IP

(71) Dongguan Polyfilm Plastic Products
Company Limited
(11) AU-A-2024219782
(21) 2024219782 (22) 17.09.2024
(54) Connector and floating device
(51) Int. Cl.
B63C 9/08 (2006.01)
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(43) 13.11.2025
(72) HUANG, Sheng-Qiu
(74) Madderns Pty Ltd

(71) Dyno Nobel Inc.
(11) AU-A-2025259817
(21) 2025259817 (22) 28.10.2025
(54) Systems for automated blast design
planning and methods related thereto
(51) Int. Cl.
F42D 3/04 (2006.01)
B64C 39/02 (2023.01)
B64D 47/08 (2006.01)
G06Q 50/02 (2024.01)
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E.; GILTNER, Scott; NAWROCKI JR.,
Joseph
(74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation
(11) AU-A-2025256222
(21) 2025256222 (22) 24.10.2025
(54) Sensor integration in cardiac implant
devices
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/0215 (2006.01)
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MURRAY, Daniel James; MCCON-
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Scott Louis
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(71) Eimeria Pty Ltd
(11) AU-A-2025256140
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(54) Eimeria vaccine
(51) Int. Cl.
A61K 39/012 (2006.01)
A61K 47/08 (2006.01)
C12N 1/10 (2006.01)
C12N 1/36 (2006.01)
C12N 3/00 (2006.01)
C12R 1/90 (2006.01)

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(74) FB Rice Pty Ltd

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(54) Resin reactors in series peptide syn-
thesizer
(51) Int. Cl.
C07K 1/04 (2006.01)
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(74) Spruson & Ferguson

(71) ELI LILLY AND COMPANY
(11) AU-A-2025248709
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(54) Methods Of Treating Diabetes
(51) Int. Cl.
A61K 38/28 (2006.01)
A61P 3/10 (2006.01)
(43) 13.11.2025
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EN; CHIGUTSA, Emmanuel; GARHY-
AN, Parag; HAUPT, Axel Richard Karl-
August; ILAG, Liza L.; KATZ, Michelle
Lynne; KAZDA, Christof Matthias; SCH-
NECK, Karen Brenda; TANG, Cheng
Cai
(74) WRAYS PTY LTD

(71) EVONIK OPERATIONS GMBH
(11) AU-A-2025202787
(21) 2025202787 (22) 22.04.2025
(54) DIRECT COATING OF ANION EX-
CHANGE MEMBRANES WITH CATA-
LYTICALLY ACTIVE MATERIAL
(51) Int. Cl.
H01M 4/88 (2006.01)
B01D 67/00 (2006.01)
C25B 1/04 (2021.01)
H01M 8/1004 (2016.01)
H01M 8/1023 (2016.01)
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(31) 24172943.3 (32) 29.04.24 (33) EP
(43) 13.11.2025
(72) WATZELE, Sebastian; MERKULOV,
Sonja; WILD, Andreas
(74) AJ PARK

(71) EXEL INDUSTRIES
(11) AU-A-2025201836
(21) 2025201836 (22) 13.03.2025
(54) Bumper system for an agricultural ma-
chine wheel
(51) Int. Cl.
B60R 19/38 (2006.01)
B60R 19/46 (2006.01)

B60T 7/22 (2006.01)
(31) 2404422 (32) 26.04.24 (33) FR
(43) 13.11.2025
(72) BACLE, Thibault; GAUTIER, Jocelyn
(74) Alder IP Pty Ltd

(71) EZCONN CORPORATION
(11) AU-A-2025202836
(21) 2025202836 (22) 23.04.2025
(54) ELECTRICAL CONNECTOR AND
CABLE ASSEMBLY
(51) Int. Cl.
H01R 4/28 (2006.01)
H01R 4/64 (2006.01)
H01R 13/28 (2006.01)
H01R 13/426 (2006.01)
H01R 13/516 (2006.01)
H01R 13/62 (2006.01)
H01R 13/72 (2006.01)
(31) 63/638,313 (32) 24.04.24 (33) US
(43) 13.11.2025
(72) HUANG, Chi Bin; CHEN, Han-Chung;
LACEY, David
(74) BOSH IP Pty Ltd

(71) Fate Therapeutics, Inc.
(11) AU-A-2025256224
(21) 2025256224 (22) 24.10.2025
(54) Engineered immune effector cells and
use thereof
(51) Int. Cl.
C12N 15/85 (2006.01)
C07K 14/54 (2006.01)
C07K 14/715 (2006.01)
C07K 14/735 (2006.01)
C12N 5/074 (2010.01)
C12N 5/0789 (2010.01)
(43) 13.11.2025
(62) 2019243315
(72) LEE, Tom Tong; GOODRIDGE, Jode;
BJORDAHL, Ryan; VALAMEHR,
Bahram
(74) Spruson & Ferguson

(71) Faw Jiefang Automotive Co., Ltd.
(11) AU-A-2024264704
(21) 2024264704 (22) 15.11.2024
(54) VEHICLE AIR INTAKE SYSTEM AND
VEHICLE
(51) Int. Cl.
F02M 35/12 (2006.01)
B60K 13/02 (2006.01)
F02M 35/10 (2006.01)
(31) 202410514988.7 (32) 26.04.24 (33) CN
(43) 13.11.2025
(72) Li, Guojun
(74) Madderns Pty Ltd

(71) Ferring B.V.
(11) AU-A-2025226698
(21) 2025226698 (22) 03.09.2025
(54) Probiotic and prebiotic compositions,
and methods of use thereof for modula-
tion of the microbiome
(51) Int. Cl.
A61K 35/39 (2015.01)
A61K 35/74 (2015.01)

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(71) FieldTorque Taranaki Limited (11) AU-A-2024278495 (21) 2024278495 (22) 17.12.2024 (54) Road cone deployment and retrieval system (51) Int. Cl. E01F 9/70 (2016.01) (31) 810568 (32) 30.04.24 (33) NZ (43) 13.11.2025 (72) Burroughs, Nicholas; Price, Alan; Booker, John (74) ET Intellectual Property	(71) Fisher & Paykel Healthcare Limited (11) AU-A-2025256204 (21) 2025256204 (22) 24.10.2025 (54) ADJUSTABLE EXPIRATORY RELIEF IN RESPIRATORY THERAPY (51) Int. Cl. A61M 16/00 (2006.01) (43) 13.11.2025 (62) 2020224053 (72) BURGESS, Russel William (74) AJ PARK	(71) Gen-Probe Incorporated (11) AU-A-2025256175 (21) 2025256175 (22) 23.10.2025 (54) Oligonucleotides for use in determining the presence of trichomonas vaginalis in a sample (51) Int. Cl. C12Q 1/6893 (2018.01) C12Q 1/6865 (2018.01) (43) 13.11.2025 (62) 2020299621 (72) JOHNSON, Tamara Jane Angeles; O'DONNELL, Meghan Ann; JIANG, Alice (74) FB Rice Pty Ltd
(71) Fisher & Paykel Healthcare Limited (11) AU-A-2025256116 (21) 2025256116 (22) 22.10.2025 (54) VALVE MODULE AND FILTER (51) Int. Cl. A61M 16/08 (2006.01) A61M 16/10 (2006.01) A61M 16/20 (2006.01) (43) 13.11.2025 (62) 2023229605 (72) Van Schalkwyk, Andre; Kavermann, Stephen William; Donnelly, Jess Edward; Hawkins, Peter Geoffrey (74) AJ PARK	(71) FISHER & PAYKEL HEALTHCARE LIMITED (11) AU-A-2025256106 (21) 2025256106 (22) 22.10.2025 (54) PATIENT INTERFACE AND COMPONENT PARTS (51) Int. Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01) (43) 13.11.2025 (62) 2024287142 (72) PEACOCK, Mathew Ian; GULLIVER, Laurence; KLENNER, Jason Allan; LAING, Brent Ian; CLARKSON, Sooji Hope; O'CONNOR, Mark Thomas; ASSI, Milanjot Singh; MOYLE, Aidan James; DRAIN, Andrew Rolf; ENSLIN, Christi Nicol; CURTIS, Olivia Grace (74) AJ PARK	(71) GIDARA ENERGY B.V. (11) AU-A-2025256074 (21) 2025256074 (22) 21.10.2025 (54) METHOD AND APPARATUS FOR INDUSTRIAL PRODUCTION OF RE-NEWABLE SYNTHETIC FUELS (51) Int. Cl. C10J 3/50 (2006.01) C10J 3/78 (2006.01) C10L 5/06 (2006.01) (43) 13.11.2025 (62) 2022268632 (72) MOGHADDAM, Elyas M; GOEL, Avishek; TOPOROV, Dobrin; MOHAM-MEDI, Alireza; ZANDE, Wim van der; ZANDE, Chris van der (74) Dentons Patent Attorneys Australasia Limited
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F02B 33/22 (2006.01)
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F02B 3/02 (2006.01)
F02B 75/02 (2006.01)
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(74) BRM Patent Attorneys Pty Ltd

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A61M 16/06 (2006.01)
A61B 5/00 (2006.01)
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G01N 33/00 (2006.01)
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G06Q 10/04 (2023.01)
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G06Q 10/06 (2023.01)
G06Q 30/0201 (2023.01)
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(74) FPA Patent Attorneys Pty Ltd

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A61B 17/74 (2006.01)
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A61F 2/12 (2006.01)
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A61K 45/06 (2006.01)
A61N 5/00 (2006.01)
A61P 31/14 (2006.01)
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A61P 35/00 (2006.01)
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and systems for generating responses,
ratings, and feedback of social media
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G06Q 30/0201 (2023.01)
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HU, Xianzhi
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A CAMPER TRAILER

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E02D 27/02 (2006.01)
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G01F 1/66 (2022.01)

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A23L 2/52 (2006.01)
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 KNAUF, Jeffrey A
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C07D 277/06 (2006.01)
A61K 31/426 (2006.01)
A61K 45/06 (2006.01)
A61P 15/00 (2006.01)
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B65D 33/10 (2006.01)
B29C 65/02 (2006.01)
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A41D 13/11 (2006.01)
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 (21) 2025256194 (22) 24.10.2025

(54) LYMPHATIC SYSTEM-DIRECTING
 LIPID PRODRUGS
 (51) Int. Cl.

C07D 473/34 (2006.01)
A61K 31/015 (2006.01)
A61K 31/495 (2006.01)
A61K 31/4985 (2006.01)
C07C 13/12 (2006.01)
C07D 473/32 (2006.01)

(43) 13.11.2025
 (62) 2023219948
 (72) BONNER, Daniel Kenneth; KARANAM,
 Ketki; MUTAMBA, James T; SHYAM,
 Rishab R; SIMPSON, Jamie; HAN, Si-
 fei; HU, Luojuan; PORTER, Christopher
 John Hamilton; QUACH, Tim; TREVAS-
 KIS, Natalie
 (74) Davies Collison Cave Pty Ltd

NAGAO, K. see NAGAO, T.
 (21) 2025201920

(71) NAGAO, T.; NAGAO, K.
 (11) AU-A-2025201920
 (21) 2025201920 (22) 18.03.2025
 (54) Electronic transaction management
 system for providing a tip
 (51) Int. Cl.
G06Q 20/00 (2012.01)
G06Q 50/00 (2024.01)
 (31) 18/704,421 (32) 24.04.24 (33) US
 (43) 13.11.2025
 (72) NAGAO, Tsukasa; NAGAO, Koki
 (74) Davies Collison Cave Pty Ltd

(71) Nanjing Chervon Industry Co., Ltd.
 (11) AU-A-2025201967
 (21) 2025201967 (22) 19.03.2025
 (54) STAND-ON MOWER
 (51) Int. Cl.
A01D 34/66 (2006.01)
A01D 34/82 (2006.01)
B62D 51/02 (2006.01)
 (31) 202410521053.1 (32) 26.04.24 (33) CN
 202411089802.4 08.08.24 CN
 (43) 13.11.2025
 (72) Wei, Tianfang; Shang, Zhuxian; Liu,
 Runze; Zhang, Tao; Zhang, Rui; Li, Li
 (74) Madderns Pty Ltd

(71) Nanjing Chervon Industry Co., Ltd.
 (11) AU-A-2025202393
 (21) 2025202393 (22) 03.04.2025
 (54) ELECTRIC DRILL AND HANDHELD
 POWER TOOL
 (51) Int. Cl.
B23B 45/02 (2006.01)
B25F 5/00 (2006.01)
B25F 5/02 (2006.01)
 (31) 202410513361.X (32) 26.04.24 (33) CN
 202410516908.1 26.04.24 CN
 202410516809.3 26.04.24 CN
 (43) 13.11.2025
 (72) Wang, Jie; Lu, Wei; Li, Guang
 (74) Madderns Pty Ltd

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(11) AU-A-2025202527

(21) 2025202527 (22) 09.04.2025

(54) MOWER

(51) Int. Cl.

A01D 34/73 (2006.01)**A01D 34/66** (2006.01)**A01D 34/685** (2006.01)**A01D 34/78** (2006.01)

(31) 202410518762.4 (32) 26.04.24 (33) CN

202510158506.3 13.02.25 CN

202520431757.X 12.03.25 CN

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(72) Yamaoka, Toshinari; Dai, Cheng; Wang, Hao

(74) Madderns Pty Ltd

Neuracle Genetics see Neuracle Science Co., Ltd.

(21) 2025256213

(71) Neuracle Science Co., Ltd.; Neuracle Genetics

(11) AU-A-2025256213

(21) 2025256213 (22) 24.10.2025

(54) Adeno-associated virus (AAV) delivery of anti-FAM19A5 antibodies

(51) Int. Cl.

C12N 15/86 (2006.01)**A61K 39/00** (2006.01)**A61K 48/00** (2006.01)**A61P 25/02** (2006.01)**C07K 16/24** (2006.01)

(43) 13.11.2025

(62) 2019265855

(72) KIM, Jong-Mook; KWON, Soon-gu; SHIM, Juwon; KIM, Dong Sik

(74) Spruson & Ferguson

(71) Neurocrine Biosciences, Inc.

(11) AU-A-2025256123

(21) 2025256123 (22) 22.10.2025

(54) Methods for the administration of certain VMAT2 inhibitors

(51) Int. Cl.

A61K 31/4745 (2006.01)**A61K 45/06** (2006.01)**A61P 25/00** (2006.01)**A61P 25/14** (2006.01)**A61P 25/16** (2006.01)**A61P 25/18** (2006.01)**A61P 25/24** (2006.01)

(43) 13.11.2025

(62) 2020270145

(72) THAI-CUARTO, Dao Tuyet; SCHOLZ, Barbara; LIANG, Grace S.; ROBERTS, Eiry W.

(74) FB Rice Pty Ltd

(71) Neutron Holdings, Inc. DBA Lime

(11) AU-A-2025256096

(21) 2025256096 (22) 21.10.2025

(54) RECHARGEABLE BATTERY KIOSK THAT DYNAMICALLY ALTERS A CHARGING RATE OF RECHARGEABLE BATTERIES BASED ON USAGE DATA

(51) Int. Cl.

B60L 58/12 (2019.01)**B60L 53/53** (2019.01)**B60L 58/16** (2019.01)

(43) 13.11.2025

(62) 2019394971

(72) COOPER, Ashley; DURKEE, Paul; MIKOLAJCZAK, Celina

(74) Dentons Patent Attorneys Australasia Limited

(71) NINGBO LIYANG NEW MATERIAL COMPANY LIMITED

(11) AU-A-2024216298

(21) 2024216298 (22) 23.08.2024

(54) ELECTRIC DRILLING-FREE MOUNTING DEVICE FOR MOUNTING CURTAIN AND TOP BEAM MOUNTING ASSEMBLY THEREOF

(51) Int. Cl.

E06B 9/42 (2006.01)

(31) 202410515999.7 (32) 26.04.24 (33) CN

(43) 13.11.2025

(72) TAN, Baoguo; WEI, Jianhong

(74) MBIP

(71) NINGBO LIYANG NEW MATERIAL COMPANY LIMITED

(11) AU-A-2024216302

(21) 2024216302 (22) 23.08.2024

(54) CURTAIN DRILLING-FREE ELECTRIC MOUNTING DEVICE AND TOP BEAM MOUNTING ASSEMBLY THEREOF

(51) Int. Cl.

E06B 9/42 (2006.01)

(31) 202410518490.8 (32) 26.04.24 (33) CN

(43) 13.11.2025

(72) TAN, Baoguo; WEI, Jianhong

(74) MBIP

(71) Ocean and Earth Productions Pty Ltd

(11) AU-A-2025202994

(21) 2025202994 (22) 29.04.2025

(54) Surfboard Cover

(51) Int. Cl.

B63B 32/87 (2020.01)**B63B 32/83** (2020.01)**B65D 6/24** (2006.01)**B65D 81/05** (2006.01)**B65D 81/107** (2006.01)**B65D 81/26** (2006.01)**B65D 85/00** (2006.01)**B65D 85/64** (2006.01)

(31) 2024901226 (32) 30.04.24 (33) AU

(43) 13.11.2025

(72) Bartlett, Guy; Rayner, Stephen

(74) Davies Collison Cave Pty Ltd

(71) ONTON TECHNOLOGY CO., LTD.

(11) AU-A-2024409602

(21) 2024409602 (22) 26.04.2024

(54) SQUEEZE-TYPE ANCHOR BOLT WITH BUILT-IN CARTRIDGE

(51) Int. Cl.

E21D 21/00 (2006.01)**E21D 20/02** (2006.01)

(43) 13.11.2025

(72) MA, Weibin; ZOU, Wenhao; ZHANG, Jinlong; CHEN, Xiwu; ZHANG, Huiling; WU, Hang; LI, Sijun

(74) SOLIS IP PTY LTD

(71) Opal Packaging Australia Pty Ltd

(11) AU-A-2025201217

(21) 2025201217 (22) 20.02.2025

(54) A CARTON

(51) Int. Cl.

B65D 81/38 (2006.01)**B65B 43/10** (2006.01)**B65D 5/20** (2006.01)**B65D 5/22** (2006.01)**B65D 5/56** (2006.01)**B65D 5/64** (2006.01)

(31) 2024901175 (32) 26.04.24 (33) AU

(43) 13.11.2025

(72) Ganzenmuller, George

(74) Griffith Hack

(71) OXTI Pte Ltd

(11) AU-A-2024202701

(21) 2024202701 (22) 24.04.2024

(54) VIRTUAL INPUT DEVICE

(51) Int. Cl.

G06F 3/01 (2006.01)**G02B 27/01** (2006.01)**G06F 3/14** (2006.01)

(43) 13.11.2025

(72) Ho, Chih-Feng

(74) Alfred Lei

(71) OXTI Pte Ltd

(11) AU-A-2024202702

(21) 2024202702 (22) 24.04.2024

(54) STAND HAVING FAST REPLACEABLE BASE

(51) Int. Cl.

F16M 11/24 (2006.01)**G06F 1/16** (2006.01)

(43) 13.11.2025

(72) Ho, Chih-Feng

(74) Alfred Lei

(71) OXTI Pte Ltd

(11) AU-A-2024202703

(21) 2024202703 (22) 24.04.2024

(54) BASE-OVERTURN-PREVENTING FIXATION BRACKET

(51) Int. Cl.

F16B 5/06 (2006.01)**F16B 2/10** (2006.01)**F16M 11/22** (2006.01)**G06F 1/16** (2006.01)**A47B 97/00** (2006.01)

(43) 13.11.2025

(72) Ho, Chih-Feng

(74) Alfred Lei

(71) OXTI Pte Ltd

(11) AU-A-2024202833

(21) 2024202833 (22) 30.04.2024

(54) TRACKABLE BALL

(51) Int. Cl.

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A63B 37/00 (2006.01)
(43) 13.11.2025
(72) Ho, Chih-Feng
(74) Alfred Lei

(71) Packsize LLC
(11) AU-A-2025256100
(21) 2025256100 **(22)** 22.10.2025
(54) Dynamic cart optimization system
(51) Int. Cl.
G06Q 10/08 (2024.01)
B65G 1/04 (2006.01)
B65G 1/06 (2006.01)
B65G 1/137 (2006.01)
G01C 21/00 (2006.01)
G06Q 10/04 (2023.01)
(43) 13.11.2025
(62) 2024200458
(72) RASMUSSEN, Jeffrey L; BULLOCH, Eric Branch; MAUGHAN, Kevin Bradon; HARNESK, Andreas; GALLAWAY, Rodney
(74) Griffith Hack

(71) Packsize LLC
(11) AU-A-2025256223
(21) 2025256223 **(22)** 24.10.2025
(54) Automated third-party cost estimation and production
(51) Int. Cl.
G05B 19/18 (2006.01)
G06Q 10/06 (2023.01)
(43) 13.11.2025
(62) 2020256234
(72) LAMB, Thomas; REEL, Aaron; KIESSNER, Hanseemann
(74) Griffith Hack

(71) Panasonic Intellectual Property Corporation of America
(11) AU-A-2025256136
(21) 2025256136 **(22)** 22.10.2025
(54) ENCODER, DECODER, ENCODING METHOD, AND DECODING METHOD
(51) Int. Cl.
H04N 19/52 (2014.01)
(43) 13.11.2025
(62) 2024200587
(72) LI, Jing Ya; LIM, Chong Soon; SHASHIDHAR, Sughosh Pavan; LIAO, Ru Ling; SUN, Hai Wei; TEO, Han Boon; ABE, Kiyofumi; TOMA, Tadamas; NISHI, Takahiro
(74) Griffith Hack

(71) Pathways Neuro Pharma, Inc.
(11) AU-A-2025248711
(21) 2025248711 **(22)** 09.10.2025
(54) Gene Therapy For Addiction Disorders
(51) Int. Cl.
C07K 14/705 (2006.01)
C12N 15/86 (2006.01)
C12N 15/864 (2006.01)

(43) 13.11.2025
(62) 2020229874
(72) LAU, Warren C.; THOMPSON, Brad
(74) WRAYS PTY LTD

(71) Peel, M.
(11) AU-A-2025202962
(21) 2025202962 **(22)** 28.04.2025
(54) Bin Cover
(51) Int. Cl.
B65F 1/16 (2006.01)
(31) 2024901214 **(32)** 29.04.24 **(33)** AU
(43) 13.11.2025
(72) Peel, Mathew
(74) IP Sentinels

(71) Polymaster Pty Ltd
(11) AU-A-2025202656
(21) 2025202656 **(22)** 15.04.2025
(54) Bunded Tank Shut-off Device
(51) Int. Cl.
B65D 90/24 (2006.01)
B65D 88/54 (2006.01)
B65D 90/02 (2019.01)
B65D 90/66 (2006.01)
(31) 2024901176 **(32)** 26.04.24 **(33)** AU
(43) 13.11.2025
(72) Steele, David; Steele, Daniel
(74) mdp Patent and Trade Mark Attorneys

(71) Power Hero Corp.
(11) AU-A-2025256069
(21) 2025256069 **(22)** 21.10.2025
(54) A method and device for converting standalone EV charging stations into intelligent stations with remote communications connectivity and control
(51) Int. Cl.
B60L 15/20 (2006.01)
G01C 21/34 (2006.01)
(43) 13.11.2025
(62) 2024287157
(72) GOEI, Esmond
(74) FB Rice Pty Ltd

(71) PULMATRIX OPERATING COMPANY, INC.
(11) AU-A-2025256073
(21) 2025256073 **(22)** 21.10.2025
(54) Dihydroergotamine dry powder formulations and methods of use
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/16 (2006.01)
A61K 31/48 (2006.01)
(43) 13.11.2025
(62) 2022228443
(72) PERRY, Jason M; CURRAN, Aidan K; GONZALEZ NELSON, Aaron C; HANSON, Dayna F; BERGSON, Hilary T; STOLZ, Eric C
(74) Davies Collison Cave Pty Ltd

(71) Qualcomm Incorporated
(11) AU-A-2025256211
(21) 2025256211 **(22)** 24.10.2025

(54) BEAM SELECTION BALANCING MAXIMUM POWER EXPOSURE AND LINK BUDGET

(51) Int. Cl.
H04B 7/06 (2006.01)
(43) 13.11.2025
(62) 2020285552
(72) CAI, Mingming; LIU, Tienyow; CHALLA, Raghu Narayan; LIN, Jing; HAN, Junsheng
(74) Madderens Pty Ltd

(71) Quick Tube Medical, LLC
(11) AU-A-2025256181
(21) 2025256181 **(22)** 23.10.2025
(54) Method and apparatus for treating tension pneumothorax using a rapid deployment chest port
(51) Int. Cl.
A61B 17/34 (2006.01)
A61M 1/00 (2006.01)
A61M 1/04 (2006.01)
A61M 39/02 (2006.01)
(43) 13.11.2025
(62) 2019389110
(72) SMITH, Allen Carmichael; LUTTRELL, Ryan; SMITH, Byron; SPRINGS, Christen
(74) Davies Collison Cave Pty Ltd

(71) Radman, J.
(11) AU-A-2025202688
(21) 2025202688 **(22)** 16.04.2025
(54) AUTONOMOUS COMPUTING SYSTEM FOR CRYPTOGRAPHIC ASSET TOKENIZATION, DIGITAL CURRENCY OPERATIONS, REDEMPTION, DETOKENIZATION, AND LIFECYCLE MANAGEMENT
(51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/06 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/40 (2012.01)
G06Q 40/04 (2012.01)
H04L 9/00 (2022.01)
H04L 9/06 (2006.01)
H04L 9/30 (2006.01)
H04L 9/32 (2006.01)
(31) 2024901205 **(32)** 29.04.24 **(33)** AU
(43) 13.11.2025
(72) Radman, John
(74) John Radman

(71) Rampey Pty Ltd
(11) AU-A-2025202924
(21) 2025202924 **(22)** 25.04.2025
(54) Collaborative autonomous mobile robotic ramps for improving the speed and safety of boarding public transit
(51) Int. Cl.
A61G 3/06 (2006.01)
B60P 1/43 (2006.01)
G05D 1/227 (2024.01)
G05D 1/435 (2024.01)
G05D 1/49 (2024.01)
G05D 1/639 (2024.01)
B61B 1/02 (2006.01)
G05D 1/223 (2024.01)

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G05D 1/648 (2024.01)
 G05D 101/10 (2024.01)
 G05D 101/20 (2024.01)
 G05D 105/10 (2024.01)
 G05D 105/22 (2024.01)
 G05D 107/60 (2024.01)
 G05D 109/10 (2024.01)
 G05D 111/10 (2024.01)
 G05D 111/60 (2024.01)
(31) 2024901169 **(32)** 25.04.24 **(33)** AU
(43) 13.11.2025
(72) Davey, Jay
(74) Jay Davey

(71) Rauland-Borg Corporation
(11) AU-A-2025202982
(21) 2025202982 **(22)** 29.04.2025
(54) INTELLIGENT DISPLAY CORRIDOR LIGHT
(51) Int. Cl.
G16H 40/20 (2018.01)
A61B 5/00 (2006.01)
G08B 5/36 (2006.01)
G08B 21/18 (2006.01)
G09F 27/00 (2006.01)
(31) 18/648,664 **(32)** 29.04.24 **(33)** US
(43) 13.11.2025
(72) Srivathsa, Karthik; Renaghan, Carl; Chartouni, Paul; Fitzgerald, Patrick; Brody, Gina Pampalone
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Raven Industries, Inc.
(11) AU-A-2025203023
(21) 2025203023 **(22)** 29.04.2025
(54) Autonomous filling synchronization for moving agricultural sprayers
(51) Int. Cl.
A01M 7/00 (2006.01)
A01C 23/04 (2006.01)
A01G 25/16 (2006.01)
(31) 63/640,505 **(32)** 30.04.24 **(33)** US
(43) 13.11.2025
(72) KOCER, Jared Ernest
(74) FB Rice Pty Ltd

(71) Raven Industries, Inc.
(11) AU-A-2025256084
(21) 2025256084 **(22)** 21.10.2025
(54) Valve control system and method
(51) Int. Cl.
B05B 12/02 (2006.01)
A01M 7/00 (2006.01)
(43) 13.11.2025
(62) 2023214344
(72) KROSSCHELL, Justin; BURGERS, Travis; DEINES, Jacob
(74) FB Rice Pty Ltd

(71) Rearden, LLC
(11) AU-A-2025248730
(21) 2025248730 **(22)** 10.10.2025
(54) SYSTEMS AND METHODS FOR RADIO FREQUENCY CALIBRATION EXPLOITING CHANNEL RECIPROCITY IN DISTRIBUTED INPUT DISTRIB-

UTED OUTPUT WIRELESS COMMUNICATIONS
(51) Int. Cl.
H04B 7/024 (2017.01)
H04B 7/04 (2017.01)
H04B 7/0413 (2017.01)
H04B 7/0452 (2017.01)
H04B 7/06 (2006.01)
H04B 7/08 (2006.01)
H04B 17/12 (2015.01)
H04B 17/21 (2015.01)
H04B 17/309 (2015.01)
H04W 88/02 (2009.01)
(43) 13.11.2025
(62) 2025230741
(72) Perlman, Stephen G.; Forenza, Antonio; Saibi, Fadi; Pitman, Timothy A.
(74) ET Intellectual Property

(71) Regents of The University of Minnesota
(11) AU-A-2025242206
(21) 2025242206 **(22)** 02.10.2025
(54) Platform for developing soil-borne plant pathogen inhibiting microbial consortia
(51) Int. Cl.
A01N 63/00 (2020.01)
C12N 15/10 (2006.01)
(43) 13.11.2025
(62) 2019311114
(72) KINKEL, Linda L.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Respirion Pharmaceuticals Pty Ltd
(11) AU-A-2025256218
(21) 2025256218 **(22)** 24.10.2025
(54) Method For Reducing Lung Infection
(51) Int. Cl.
A61K 31/198 (2006.01)
A61K 9/72 (2006.01)
A61K 31/00 (2006.01)
A61K 31/702 (2006.01)
A61P 11/00 (2006.01)
A61P 31/00 (2006.01)
(43) 13.11.2025
(62) 2023285900
(72) Clements, Barry
(74) WRAYS PTY LTD

(71) Rugged Networks Limited
(11) AU-A-2025203059
(21) 2025203059 **(22)** 30.04.2025
(54) Intruder detection system
(51) Int. Cl.
G08B 13/18 (2006.01)
G08B 13/181 (2006.01)
G08B 13/189 (2006.01)
G08B 21/22 (2006.01)
(31) 2406093.1 **(32)** 30.04.24 **(33)** GB
(43) 13.11.2025
(72) Withecombe, Jake
(74) Duncan Bucknell Company Pty Ltd

(71) Sage Products, LLC
(11) AU-A-2025256156
(21) 2025256156 **(22)** 23.10.2025

(54) Cushioned support system for heel ulcer prevention
(51) Int. Cl.
A61G 7/075 (2006.01)
A61G 7/057 (2006.01)
A61G 13/12 (2006.01)
(43) 13.11.2025
(62) 2023237187
(72) PONSI, Larry; HOLLABAUGH, Curtis L; FLETCHER, Hester C; GOLDEN, Craig S
(74) FB Rice Pty Ltd

(71) Samsonite IP Holdings S. À R.L.
(11) AU-A-2025256183
(21) 2025256183 **(22)** 23.10.2025
(54) Luggage article split along front and rear major faces
(51) Int. Cl.
A45C 5/03 (2006.01)
A45C 5/14 (2006.01)
A45C 13/00 (2006.01)
A45C 13/02 (2006.01)
A45C 13/26 (2006.01)
(43) 13.11.2025
(62) 2018427955
(72) DE VOS, Wim; SIJMONS, Erik; OSKAMP, Jurgen; VANCOPPEN-HOLLE, Ward; VAN CAMPENHOUT, Lukas; MEERSSCHAERT, Reinhard; ADRIAENSSENS, Ward
(74) Griffith Hack

(71) Sandstrom, R.
(11) AU-A-2025256188
(21) 2025256188 **(22)** 24.10.2025
(54) MAGNETIC FIELD ENHANCEMENT OF CHEMOTHERAPY FOR TUMOR TREATMENT
(51) Int. Cl.
A61N 2/02 (2006.01)
A61B 17/52 (2006.01)
(43) 13.11.2025
(62) 2019200986
(72) Sandstrom, Robert E
(74) ET Intellectual Property

(71) Schneider Electric (Australia) Pty Limited
(11) AU-A-2025256277
(21) 2025256277 **(22)** 27.10.2025
(54) CONNECTORS FOR ELECTRICAL SYSTEM
(51) Int. Cl.
H01R 13/502 (2006.01)
H01H 9/02 (2006.01)
H01H 21/04 (2006.01)
H01H 21/12 (2006.01)
H01H 21/20 (2006.01)
H01R 13/42 (2006.01)
H01R 13/422 (2006.01)
H01R 13/506 (2006.01)
H01R 13/508 (2006.01)
H01R 13/514 (2006.01)
H01R 13/70 (2006.01)
H01R 13/73 (2006.01)
H05K 5/02 (2006.01)

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(62) 2023251433
(72) Liffan, Xavier
(74) Madderns Pty Ltd

(71) Schneider Electric Industries SAS
(11) AU-A-2024278316
(21) 2024278316 (22) 11.12.2024
(54) DC FAN ASSEMBLY
(51) Int. Cl.
H02M 7/06 (2006.01)
H02M 1/00 (2007.01)
H02M 7/00 (2006.01)
(31) 202420901977.X (32) 28.04.24 (33) CN
(43) 13.11.2025
(72) LU, Yin
(74) Madderns Pty Ltd

(71) SCHNEIDER ELECTRIC SYSTEMS
USA, INC.
(11) AU-A-2025201918
(21) 2025201918 (22) 18.03.2025
(54) INDUSTRIAL PROCESS DEVICE FIN-
GERPRINTING
(51) Int. Cl.
G05B 23/02 (2006.01)
G05B 15/02 (2006.01)
G05B 19/18 (2006.01)
G05B 19/418 (2006.01)
(31) 18/646,332 (32) 25.04.24 (33) US
(43) 13.11.2025
(72) Redmond, James; Sobin, Zackery
(74) RnB IP Pty Ltd

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University**
(21) 2025256194

(71) SHAHEEN INNOVATIONS HOLDING
LIMITED
(11) AU-A-2025256176
(21) 2025256176 (22) 23.10.2025
(54) Mist inhaler devices
(51) Int. Cl.
A24B 15/167 (2020.01)
A24F 40/05 (2020.01)
A24F 40/10 (2020.01)
A24F 40/485 (2020.01)
A61M 11/00 (2006.01)
A61M 15/00 (2006.01)
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B05B 17/00 (2006.01)
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A01C 11/02 (2006.01)
A01B 49/06 (2006.01)
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B61L 29/16 (2006.01)
G01D 5/14 (2006.01)
G01P 15/08 (2006.01)
H02P 6/14 (2016.01)
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E04F 15/02 (2006.01)
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A61K 38/01 (2006.01)
A23C 21/00 (2006.01)
A23L 33/19 (2016.01)
A61K 9/51 (2006.01)
A61K 35/20 (2006.01)
A61K 38/38 (2006.01)
A61K 45/06 (2006.01)
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C01G 9/02 (2006.01)
A61K 8/27 (2006.01)
A61Q 17/04 (2006.01)
A61Q 19/00 (2006.01)
B01J 21/06 (2006.01)

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H02M 3/07 (2006.01)
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G05B 23/02 (2006.01)
B61L 23/04 (2006.01)
B61L 27/60 (2022.01)
G06Q 10/063 (2023.01)
G06Q 50/40 (2024.01)
G16Y 30/00 (2020.01)
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C25B 9/75 (2021.01)
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(51) Int. Cl.
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A61P 31/22 (2006.01)
C12N 7/00 (2006.01)
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(54) MAGNESIUM-CONTAINING OXYTOCIN FORMULATIONS AND METHODS OF USE
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A61P 25/00 (2006.01)
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A61M 16/00 (2006.01)
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(51) Int. Cl.
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(54) TRICUSPID REGURGITATION CON-
TROL DEVICES FOR ORTHOGON-
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PROSTHESIS
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A61F 2/24 (2006.01)
A61F 2/844 (2013.01)
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(54) SIDE-DELIVERABLE TRANSCATH-
ETER PROSTHETIC VALVES AND
METHODS FOR DELIVERING AND
ANCHORING THE SAME
(51) Int. Cl.
A61F 2/24 (2006.01)
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RANGEMENT HAVING FUEL CONDI-
TIONING ASSEMBLY
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B67D 7/76 (2010.01)
B01D 17/00 (2006.01)
B01D 17/02 (2006.01)
B01D 36/00 (2006.01)

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(54) Device and system for extending and
retracting a load
(51) Int. Cl.
E06B 9/322 (2006.01)
B65H 18/08 (2006.01)
B65H 23/00 (2006.01)
B65H 75/34 (2006.01)
B66D 1/00 (2006.01)
E06B 9/262 (2006.01)
E06B 9/266 (2006.01)
E06B 9/326 (2006.01)
B63H 8/25 (2020.01)
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E04F 10/02 (2006.01)
E04H 15/58 (2006.01)
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Module
(51) Int. Cl.
F24C 15/00 (2006.01)
A47J 37/00 (2006.01)
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F25D 21/14 (2006.01)
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Ronald Eugene
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zumab for desensitization of solid organ
transplant recipients and/or for prevent-
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associated systems and methods
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G06Q 30/04 (2012.01)
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Works Through Torrent Network
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G06F 21/10 (2013.01)
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B64C 27/00 (2006.01)
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for operating a tower crane, trolley for a
tower crane and trolley travelling winch
(51) Int. Cl.
B66C 11/16 (2006.01)
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 (54) FRAME FOLDING AND FIXING
 DEVICE AND BABY CARRIER
 (51) Int. Cl.
B62B 7/06 (2006.01)
B62B 7/08 (2006.01)

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 (72) ZHENG, Leilei; FANG, Liwu
 (74) Allens Patent & Trade Mark Attorneys

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 (54) BATTERY MODULE AND BATTERY
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H01M 10/6568 (2014.01)
H01M 10/613 (2014.01)
H01M 50/258 (2021.01)
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 Keng-Ta
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 (54) BATTERY MODULE AND BATTERY
 SYSTEM
 (51) Int. Cl.
H01M 10/6568 (2014.01)
H01M 10/613 (2014.01)
H01M 50/258 (2021.01)
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 De-Shiuan; Huang, Yu-Chieh; Su,
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 (54) Automated tagging and management of
 chat stream messages
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G06F 3/0481 (2022.01)
G06F 16/26 (2019.01)
G06N 3/08 (2023.01)
G06Q 10/06 (2023.01)
G06Q 10/10 (2023.01)
G06F 9/46 (2006.01)
G06F 16/31 (2019.01)
H04L 51/18 (2022.01)

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G16H 50/20 (2018.01)
A61B 3/14 (2006.01)
A61B 6/03 (2006.01)
A61B 6/40 (2024.01)
G06N 3/045 (2023.01)
G06N 3/0475 (2023.01)
G06N 3/09 (2023.01)
G16H 10/20 (2018.01)
G16H 15/00 (2018.01)
G16H 30/00 (2018.01)

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G01N 30/00 (2006.01)
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2024202705	M3S IP Pty Ltd	2025202989	Carr, A.
2024202746	The Cawthron Institute Trust Board	2025202994	Ocean and Earth Productions Pty Ltd
2024202833	OXTI Pte Ltd	2025203023	Raven Industries, Inc.
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2024216298	NINGBO LIYANG NEW MATERIAL COMPANY LIMITED	2025203109	MENDOZA, M.
2024216302	NINGBO LIYANG NEW MATERIAL COMPANY LIMITED	2025203239	IGT
2024219782	Dongguan Polyfilm Plastic Products Company Limited	2025226698	Ferring B.V.
2024227400	Advanced Lithium Electrochemistry Co., Ltd.	2025238101	Betagenon AB
2024259767	Antinous Technology Company Limited	2025242167	Breville Pty Limited
2024264704	Faw Jiefang Automotive Co., Ltd.	2025242206	Regents of The University of Minnesota
2024278316	Schneider Electric Industries SAS	2025248709	ELI LILLY AND COMPANY
2024278495	FieldTorque Taranaki Limited	2025248711	Pathways Neuro Pharma, Inc.
2024339215	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2025248730	Rearden, LLC
2024409602	ONTON TECHNOLOGY CO., LTD.	2025252658	MedImmune Limited
2024417778	CHONGQING CHANGAN AUTOMOBILE CO., LTD.	2025252665	ImmunityBio, Inc.
2024430246	GUANGZHOU XIN'AN TRADING CO., LTD.	2025256067	Vaxcyte, Inc.
2024430249	GUANGZHOU XIN'AN TRADING CO., LTD.	2025256069	Power Hero Corp.
2025200208	Zhang, K.	2025256073	PULMATRIX OPERATING COMPANY, INC.
2025200472	Hanna, I.	2025256074	GIDARA ENERGY B.V.
2025200768	Adobe Inc.	2025256076	Accure Therapeutics, S.L.; Institut d'investigacions Biomèdiques August Pi i Sunyer (IDIBAPS)
2025200801	Spellman High-Voltage Electronics Corporation	2025256078	VEEDER-ROOT COMPANY
2025201217	Opal Packaging Australia Pty Ltd	2025256079	Yohana LLC
2025201296	SHANDONG ACADEMY OF AGRICULTURAL MACHINERY SCIENCES	2025256080	Vertical Grill Appliances LLC
2025201351	Beijing Youcarekechuang Pharmaceutical Technology Co., Ltd.	2025256083	Alnylam Pharmaceuticals, Inc.
2025201410	Hefei Sungrow Information Technology Co., Ltd.	2025256084	Raven Industries, Inc.
2025201642	Aristocrat Technologies, Inc.	2025256088	HONEYWELL INTERNATIONAL INC.
2025201836	EXEL INDUSTRIES	2025256091	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2025201887	Intuit Inc.	2025256092	Simpson Strong-Tie Company Inc.
2025201918	SCHNEIDER ELECTRIC SYSTEMS USA, INC.	2025256093	Thales DIS France SAS
2025201920	NAGAO, T.; NAGAO, K.	2025256094	Cyclarity Therapeutics, Inc.
2025201967	Nanjing Chervon Industry Co., Ltd.	2025256096	Neutron Holdings, Inc. DBA Lime
2025202019	Deere & Company	2025256099	Deere & Company
2025202041	Maison Battat Inc.	2025256100	Packsize LLC
2025202191	Siemens Mobility, Inc.	2025256105	Argenx BV
2025202249	Laccos Outdoors, LLC	2025256106	FISHER & PAYKEL HEALTHCARE LIMITED
2025202336	Spiryagin, M.	2025256110	Wisk Aero LLC
2025202385	TECHCROSS Inc.	2025256112	air up group GmbH
2025202393	Nanjing Chervon Industry Co., Ltd.	2025256114	Johnson & Johnson Medical Pty. Limited
2025202430	CATERPILLAR INC.	2025256116	Fisher & Paykel Healthcare Limited
2025202431	CATERPILLAR INC.	2025256121	AeroVironment, Inc.
2025202527	Nanjing Chervon Industry Co., Ltd.	2025256123	Neurocrine Biosciences, Inc.
2025202540	Hanna, I.	2025256125	Dexcom, Inc.
2025202590	Techtronic Cordless GP	2025256126	Apple Inc.
2025202644	Anker Innovations Technology Co., Ltd.	2025256127	Dexcom, Inc.
2025202652	Build Care Oy	2025256130	Eli Lilly and Company
2025202656	Polymaster Pty Ltd	2025256132	Applied Medical Resources Corporation
2025202688	Radman, J.	2025256133	Skechers U.S.A., Inc. II
2025202763	AQUATICA NZ LIMITED	2025256134	MERCK SERONO S.A.
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2025202836	EZCONN CORPORATION	2025256139	VDYNE, INC.
2025202862	TAD Beauty, Inc.	2025256140	Eimeria Pty Ltd
2025202874	HOLZERNTE sp. z o.o.	2025256141	Hsia, H.
2025202905	BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.	2025256142	Aristocrat Technologies, Inc.
2025202917	Landis+Gyr GmbH	2025256148	AbbVie Inc.
2025202920	Landis+Gyr GmbH	2025256149	Tesla, Inc.
2025202924	Rampey Pty Ltd	2025256150	Sheltered Wings, Inc.
		2025256151	Colgate-Palmolive Company
		2025256155	AbbVie Inc.
		2025256156	Sage Products, LLC
		2025256158	Société des Produits Nestlé S.A.

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2025256169	Mayo Foundation for Medical Education and Research
2025256171	Skechers U.S.A., Inc. II
2025256172	CureVac SE
2025256173	2MT MINING PRODUCTS PTY LTD
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2025256176	SHAHEEN INNOVATIONS HOLDING LIMITED
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2025256178	Solésence, Inc
2025256180	Urovant Sciences GmbH
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2025256183	Samsonite IP Holdings S. À R.L.
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2025256188	Sandstrom, R.
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2025256191	Fisher and Paykel Healthcare Limited
2025256192	Fisher & Paykel Healthcare Limited
2025256194	Monash University; Seaport Therapeutics, Inc.
2025256196	AgeX Therapeutics, Inc.
2025256197	Amgen Inc.
2025256199	L-Nutra Inc.
2025256200	Genmab A/S
2025256204	Fisher & Paykel Healthcare Limited
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2025256218	Respirion Pharmaceuticals Pty Ltd
2025256219	Clarity Pharmaceuticals Ltd
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2025256221	Illinois Tool Works Inc.
2025256222	Edwards Lifesciences Corporation
2025256223	Packsize LLC
2025256224	Fate Therapeutics, Inc.
2025256225	VDYNE, Inc.
2025256226	ShanghaiTech University
2025256227	Aristocrat Technologies Australia Pty Limited
2025256230	TransMedics, Inc.
2025256232	W. L. Gore & Associates, Inc.
2025256256	Barrel Rejuvenation Services Pty Ltd
2025256257	Axon Enterprise, Inc.
2025256258	Dolby Laboratories Licensing Corporation; Dolby International AB
2025256260	Arthrex, Inc.
2025256261	WONDERLAND SWITZERLAND AG
2025256262	Memorial Sloan-Kettering Cancer Center
2025256264	BEMO PTY LTD
2025256270	XING POWER INC.
2025256272	XING POWER INC.
2025256273	AdvanCell Pty Limited
2025256274	HONEYWELL INTERNATIONAL INC.
2025256277	Schneider Electric (Australia) Pty Limited
2025259790	Wayne Fueling Systems LLC
2025259796	Dolby Laboratories Licensing Corporation
2025259798	Angel Group Co., Ltd.
2025259801	Asiatic Innovations Pty Ltd
2025259802	Mettler Packaging Pty. Ltd.
2025259808	4Web, Inc.
2025259810	Boston Scientific Scimed, Inc.
2025259814	Aladdin Manufacturing Corporation
2025259816	Amgen Inc.
2025259817	Dyno Nobel Inc.
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(54) Integrally formed medical devices

(51) Int. Cl.

A61F 2/44 (2006.01)

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(45) 13.11.2025

(62) 2021221798

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C07K 7/06 (2006.01)
C07K 14/00 (2006.01)
C07K 14/47 (2006.01)
C07K 16/00 (2006.01)
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C07K 7/06 (2006.01)
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A61P 35/00 (2006.01)
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A61B 90/50 (2016.01)
F16L 37/02 (2006.01)
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A61K 8/98 (2006.01)
A61K 8/99 (2017.01)
A61Q 5/00 (2006.01)
A61Q 5/02 (2006.01)
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B60G 11/26 (2006.01)
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A61B 5/08 (2006.01)
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A61B 90/20 (2016.01)
G02B 21/36 (2006.01)
G06F 3/16 (2006.01)
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A61N 5/10 (2006.01)
A61K 51/06 (2006.01)
A61K 51/12 (2006.01)
A61L 31/10 (2006.01)
A61P 35/00 (2006.01)
C08G 65/40 (2006.01)
G21G 4/08 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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G06Q 10/0633 (2023.01)
G06F 16/25 (2019.01)
G06Q 10/10 (2023.01)
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A61G 13/12 (2006.01)
A47C 20/04 (2006.01)
A61G 7/07 (2006.01)
A61G 13/10 (2006.01)
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A61G 13/10 (2006.01)
A61G 13/08 (2006.01)
A61G 15/10 (2006.01)
A61G 7/05 (2006.01)
H04L 67/12 (2022.01)
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A61G 13/12 (2006.01)
A61B 6/04 (2006.01)
A61G 13/10 (2006.01)
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F16B 21/02 (2006.01)
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A61G 13/10 (2006.01)
A61B 90/57 (2016.01)
A61G 13/04 (2006.01)
A61G 13/06 (2006.01)
H02G 11/00 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/496 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 471/10 (2006.01)
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C07D 409/04 (2006.01)
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C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
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A61B 5/346 (2021.01)
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A61F 2/24 (2006.01)
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A61P 25/00 (2006.01)
C07D 213/60 (2006.01)
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C07D 309/04 (2006.01)
C07D 317/28 (2006.01)
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C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
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G16C 20/30 (2019.01)
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A61K 31/713 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/438 (2006.01)
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A61K 31/5386 (2006.01)
A61K 31/541 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
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B65B 3/04 (2006.01)
B65B 7/28 (2006.01)
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E01F 13/12 (2006.01)
E01F 9/685 (2016.01)
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E01F 9/685 (2016.01)
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A61K 31/437 (2006.01)
A61K 31/498 (2006.01)
A61K 31/4985 (2006.01)
A61P 9/00 (2006.01)
A61P 25/04 (2006.01)
A61P 25/28 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/428 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 498/04 (2006.01)
C07D 513/02 (2006.01)
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G06Q 10/047 (2023.01)
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B60W 60/00 (2020.01)
G08G 1/00 (2006.01)
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(51) Int. Cl.
C22C 38/50 (2006.01)
B21B 1/22 (2006.01)
B32B 15/01 (2006.01)
B32B 15/18 (2006.01)
(87) WO2024/245053
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C22C 38/50 (2006.01)
B21B 1/22 (2006.01)
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C09D 5/16 (2006.01)
C08F 110/08 (2006.01)
C08K 5/54 (2006.01)
C09D 133/08 (2006.01)
C09D 183/04 (2006.01)
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G01R 31/00 (2006.01)
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(54) ANTI-S100A8/A9 ANTIBODY AND USE THEREOF
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C07K 16/18 (2006.01)
A61P 11/00 (2006.01)
A61P 35/04 (2006.01)
C07K 14/47 (2006.01)
C07K 19/00 (2006.01)
C12N 15/12 (2006.01)
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G06V 20/40 (2022.01)
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F28D 20/00 (2006.01)
F28D 13/00 (2006.01)
F28D 19/02 (2006.01)
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A61K 31/4355 (2006.01)
A61K 31/436 (2006.01)
A61P 35/00 (2006.01)
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A61P 25/18 (2006.01)
A61K 31/5355 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
A61P 25/30 (2006.01)
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A01K 67/0276 (2024.01)
C12N 15/85 (2006.01)
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A61B 5/145 (2006.01)
G16H 10/60 (2018.01)
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G16H 50/30 (2018.01)
G16H 50/70 (2018.01)
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A61K 38/00 (2006.01)
C07K 5/12 (2006.01)
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F24F 3/147 (2006.01)
F24F 5/00 (2006.01)
F28D 9/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 403/12 (2006.01)
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A61K 31/439 (2006.01)
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A61K 31/33 (2006.01)
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H04S 7/00 (2006.01)
G06F 3/16 (2006.01)
G10H 1/00 (2006.01)
H04N 21/8545 (2011.01)
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(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
G16H 40/63 (2018.01)
A61N 1/05 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/372 (2021.01)
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G16H 40/63 (2018.01)
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A61F 2/26 (2006.01)
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A61F 2/00 (2006.01)
A61F 2/26 (2006.01)
A61N 1/36 (2006.01)
A61N 1/378 (2006.01)
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G06T 7/00 (2017.01)
G01N 33/53 (2006.01)
G06N 20/00 (2019.01)
G06V 20/69 (2022.01)
C12Q 1/6804 (2018.01)
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(51) Int. Cl.
H01M 4/48 (2010.01)
H01M 4/13 (2010.01)
H01M 4/139 (2010.01)
H01M 4/36 (2006.01)
H01M 4/62 (2006.01)
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H01M 4/48 (2010.01)
H01M 4/13 (2010.01)
H01M 4/36 (2006.01)
H01M 4/62 (2006.01)
H01M 10/00 (2006.01)
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C07K 7/08 (2006.01)
A61K 38/00 (2006.01)
C07K 16/40 (2006.01)
C12N 15/86 (2006.01)
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(54) FIBER-BASED COMPOSITIONS
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IDES, INULIN, ULTRAFINE WHEAT
BRAN, PECTIN, RESISTANT STARCH,
ALEURONE, AND POLYDEXTROSE
AND METHODS FOR THE MODULA-
TION OF THE GUT MICROBIOME

(51) Int. Cl.
A61K 31/715 (2006.01)
A23K 20/163 (2016.01)
A23K 50/40 (2016.01)
A23L 7/10 (2016.01)
A23L 33/21 (2016.01)
A23L 33/22 (2016.01)
A61K 31/718 (2006.01)
A61K 31/732 (2006.01)
A61K 31/733 (2006.01)
A61P 1/00 (2006.01)
A61P 1/12 (2006.01)
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METHODS FOR THE MODULATION
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A61K 36/258 (2006.01)
A23K 50/40 (2016.01)
A61K 36/07 (2006.01)
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(54) CAPSIDS AND METHODS OF TAR-
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C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
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SION ALARM AND NOTIFYING CLINI-
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(51) Int. Cl.
G16H 20/17 (2018.01)
A61B 5/00 (2006.01)
A61M 5/142 (2006.01)
A61M 5/172 (2006.01)
G16H 40/20 (2018.01)
G16H 40/63 (2018.01)
G16H 40/67 (2018.01)
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(54) A PORTABLE DEVICE FOR DETECT-
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GET MOLECULE AND METHOD OF
USE THEREOF
(51) Int. Cl.
G01N 21/25 (2006.01)
A61B 5/00 (2006.01)
G01N 21/01 (2006.01)
G01N 21/64 (2006.01)
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C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
C12Q 1/00 (2006.01)
(87) WO2025/174325

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MOUSAVI, Seyedhossein
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(71) CATERPILLAR GLOBAL MINING
EQUIPMENT LLC
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(54) REMOVABLE COMPONENT OF A
DUMP BODY OF A MACHINE
(51) Int. Cl.
B62D 33/02 (2006.01)
B62D 27/02 (2006.01)
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(74) Patent Attorney Services

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(54) PUMP CONTROL SHOCK ABSORBER
(51) Int. Cl.
F16K 3/26 (2006.01)
F04B 1/00 (2020.01)
F15B 11/00 (2006.01)
F16K 3/34 (2006.01)
F16K 17/04 (2006.01)
F16K 17/30 (2006.01)
F16K 31/122 (2006.01)
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A61K 38/16 (2006.01)
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A61K 38/08 (2019.01)
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(74) FB Rice Pty Ltd

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NATIONAL DE LA SANTE ET DE
LA RECHERCHE MEDICALE; UNI-
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CHINA MOBILE COMMUNICATIONS
GROUP CO., LTD.
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A23L 11/50 (2021.01)
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C07K 16/28 (2006.01)

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A61P 35/00 (2006.01)
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A01N 37/02 (2006.01)
A01P 1/00 (2006.01)
A23B 7/06 (2006.01)
A23B 7/10 (2006.01)
A23B 7/154 (2006.01)
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E21B 47/125 (2012.01)
G01V 3/34 (2006.01)
H04B 1/713 (2011.01)
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C05F 9/00 (2006.01)
B09B 3/00 (2022.01)
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C05F 17/00 (2020.01)
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G06Q 10/04 (2023.01)
E21B 47/00 (2012.01)
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HU, Bo
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F25J 3/02 (2006.01)
C07C 7/04 (2006.01)
C10G 5/06 (2006.01)
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C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
C07K 14/775 (2006.01)
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A61P 35/00 (2006.01)
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G01R 31/12 (2020.01)
G01R 15/14 (2006.01)
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G08C 17/02 (2006.01)
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D06P 5/13 (2006.01)
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A61K 9/08 (2006.01)
A61K 31/135 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/728 (2006.01)
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A61K 31/343 (2006.01)
A61K 45/06 (2006.01)
A61P 25/22 (2006.01)
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(54) IDES VARIANT PROTEINS AND METHODS OF USING THE SAME
(51) Int. Cl.
A61K 38/48 (2006.01)

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(54) COMPOSITIONS FOR AND METHODS OF ENGINEERING THE TRANSCRIPTOME
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C12N 15/113 (2010.01)
A61K 31/7105 (2006.01)
C12N 15/86 (2006.01)
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(31) 63/493,696 (32) 31.03.23 (33) US
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(72) ASOKAN, Aravind; FIFLIS, David
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B67D 1/04 (2006.01)
F25B 39/02 (2006.01)
B67D 1/08 (2006.01)
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(72) DURAND, Matthias; MARCOTTE, Hugo
(74) GLMR
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(21) 2024260007 (22) 26.04.2024
(54) MACHINE FOR TREATING A MEDICAL APPARATUS
(51) Int. Cl.
A61L 2/24 (2006.01)
A61B 1/12 (2006.01)
A61L 2/26 (2006.01)
(87) WO2024/226949
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A61B 1/00 (2006.01)
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A61B 90/90 (2016.01)
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A61B 1/00 (2006.01)
A61B 1/015 (2006.01)
A61B 1/018 (2006.01)
A61B 1/12 (2006.01)
A61B 90/70 (2016.01)
(87) WO2024/226726
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(72) BERENGUER, Laurent; AFFRE, Christian; PENDARIES, Eric
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A61B 90/00 (2016.01)
A61B 1/12 (2006.01)
A61B 50/33 (2016.01)
A61B 90/70 (2016.01)
A61L 2/24 (2006.01)
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(51) Int. Cl.
A61B 1/12 (2006.01)
A47L 15/00 (2006.01)
A47L 15/23 (2006.01)
A61L 2/24 (2006.01)
A61B 90/70 (2016.01)
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(43) 31.10.2024
(72) RUIZ, Sébastien; PENDARIES, Eric
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(54) METHOD FOR GENDER DETERMINATION OF CHICKEN EMBRYOS
(51) Int. Cl.
A01K 67/027 (2024.01)
C12N 5/0735 (2010.01)
C12N 15/10 (2006.01)
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C12Q 1/6879 (2018.01)
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H05B 6/12 (2006.01)
F24C 7/08 (2006.01)
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(54) SIALYLATED HUMAN FACTOR H PROTEIN AND THERAPEUTIC USE THEREOF
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C07K 14/47 (2006.01)
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(72) SIEVERT, Christian; KRIEGHOFF, Nicola; FODE, Benjamin; BOLLER, Sören; ALT, Janine; DABROWSKA-SCHLEPP, Paulina; BUSCH, Andreas; SCHAAF, Andreas; HEIDENREICH, Karin; BERG, Birgit
(74) WRAYS PTY LTD
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- (71) ELI LILLY AND COMPANY
(11) AU-A-2024246525
(21) 2024246525 (22) 29.03.2024
(54) METHODS AND USES FOR TREATING NAUSEA AND EMESIS
(51) Int. Cl.
A61K 38/22 (2006.01)
A61K 38/26 (2006.01)
A61K 45/06 (2006.01)
A61P 1/08 (2006.01)
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(54) OLIGONUCLEOTIDE SYNTHESIS USING CYCLIC-PHOSPHOROUS NUCLEOSIDES
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C07H 1/00 (2006.01)
C07H 19/11 (2006.01)
C07H 21/02 (2006.01)
C07H 21/04 (2006.01)
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(11) AU-A-2024308276
(21) 2024308276 (22) 27.06.2024
(54) THERAPEUTIC USES AND DOSES OF LP(A) DISRUPTER COMPOUNDS
(51) Int. Cl.
A61K 31/4025 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
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(72) URVA, Shweta
(74) Davies Collison Cave Pty Ltd

(71) ENEOS CORPORATION
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(21) 2024245379 (22) 04.03.2024
(54) POWER GENERATION SYSTEM AND POWER GENERATION METHOD
(51) Int. Cl.
H01M 8/04014 (2016.01)
H01M 8/04 (2016.01)
H01M 8/04537 (2016.01)
H01M 8/04858 (2016.01)
H01M 8/0612 (2016.01)
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H01M 8/14 (2006.01)
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(72) TAKAHASHI Yuriko; HIRANO Yuichiro; KUBO Koichi
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(54) IN LINE CLEANING IN PLACE PROCESS FOR ALTERNATING TANGENTIAL FLOW FILTER
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C12M 1/12 (2006.01)
B01D 61/20 (2006.01)
B01D 65/02 (2006.01)
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(74) Eagar & Associates Pty Ltd

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(54) SYSTEM AND METHOD FOR CO-ORDINATING MOVEMENTS OF VEHICLES IN A MINING ENVIRONMENT, AND AN UNDERGROUND MINING VEHICLE
(51) Int. Cl.
G05D 1/693 (2024.01)
G05D 1/698 (2024.01)
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(43) 07.11.2024
(72) HOLMERTZ, Henrik; SPOVE, David; DEFAIRE, Felix; LIFWERGREN, Anton; JONSSON, Jonatan; PERSSON, Gunnar
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(21) 2023446554 (22) 02.05.2023
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G05D 1/693 (2024.01)
E21C 35/08 (2006.01)
G05D 1/698 (2024.01)
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(71) EPIROC ROCK DRILLS AKTIEBOLAG
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(21) 2023450976 (22) 30.05.2023
(54) METHOD, CONTROL UNIT FOR HANDLING A VEHICLE CONFIGURED TO FOLLOW A SET OF PRE-RECORDED ROUTES
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G05D 1/646 (2024.01)
G05D 1/65 (2024.01)
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C12Q 1/6886 (2018.01)
C12Q 1/6837 (2018.01)
C12Q 1/6844 (2018.01)
G16B 20/30 (2019.01)
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(72) DHARA, Surajit
(74) Pearce IP Pty Ltd

(71) ESCO GROUP LLC
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(54) MATERIAL IMAGING SYSTEM AND METHOD
(51) Int. Cl.
E02F 9/20 (2006.01)
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(11) AU-A-2024245553
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(54) COATING OF ANION EXCHANGE MEMBRANES
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C25B 13/08 (2006.01)
(87) WO2024/200138
(31) 23164605.0 (32) 28.03.23 (33) EP
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(72) MERKULOV, Sonja; WATZELE, Sebastian; WILD, Andreas
(74) AJ PARK

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(54) ENGINEERED TET ENZYMES AND USE IN EPIGENETICS AND NEXT GENERATION SEQUENCING (NGS), SUCH AS TET-ASSISTED PYRIDINE BORANE SEQUENCING (TAPS)
(51) Int. Cl.
C12N 9/02 (2006.01)
C12N 15/52 (2006.01)
C12Q 1/00 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/6869 (2018.01)
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(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2024286162
(21) 2024286162 (22) 05.06.2024
(54) METHOD FOR PREVENTING OR TREATING PULMONARY ARTERIAL HYPERTENSION BY USING 7-DE-HYDROCHOLESTEROLS OR SALTS, OXIDES, METABOLITES, OR DERIVATIVES THEREOF
(51) Int. Cl.
A61K 31/593 (2006.01)
A61K 45/06 (2006.01)
A61P 9/12 (2006.01)
A61P 11/00 (2006.01)
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(72) CHEN, Joseph
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(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 39/00 (2006.01)
A61P 25/28 (2006.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
C07K 16/44 (2006.01)
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F17D 1/08 (2006.01)
F16L 23/16 (2006.01)
F16L 39/00 (2006.01)
F16L 55/07 (2006.01)
F16L 59/065 (2006.01)
F16L 59/075 (2006.01)
F17D 5/04 (2006.01)
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F25J 1/00 (2006.01)
F25J 1/02 (2006.01)
F28F 27/00 (2006.01)
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(74) AJ PARK
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(21) 2024243150 (22) 04.04.2024
(54) METHOD AND APPARATUS FOR CREATION AND USE OF IDENTITY VERIFICATION WITH SUPPLEMENTAL ENCODED DATA
(51) Int. Cl.
H04L 9/40 (2022.01)
G06V 10/24 (2022.01)
G06V 40/16 (2022.01)
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H04N 21/234 (2011.01)
H04N 21/44 (2011.01)
H04N 19/00 (2014.01)
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A61B 17/04 (2006.01)
A61F 2/08 (2006.01)
A61F 2/42 (2006.01)
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A01K 61/95 (2017.01)
G01B 11/02 (2006.01)
G06N 20/00 (2019.01)
G06T 7/10 (2017.01)
G06T 7/50 (2017.01)
G06T 7/60 (2017.01)
G06V 10/25 (2022.01)
G06V 40/10 (2022.01)
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B02C 1/10 (2006.01)
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B02C 1/08 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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B01D 63/02 (2006.01)
B29C 41/04 (2006.01)
B29C 70/84 (2006.01)
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C07D 471/04 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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F24H 9/00 (2022.01)
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G06Q 50/02 (2024.01)
A01B 79/00 (2006.01)
A01M 7/00 (2006.01)
A01M 9/00 (2006.01)
G06V 20/10 (2022.01)
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C07K 19/00 (2006.01)
A61K 38/00 (2006.01)
A61K 39/395 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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(54) EXTRUDED PUFFED HIGH INSOLUBLE FIBER FOOD AND HIGH TOTAL FIBER PIECES AND METHODS OF MAKING
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A23L 7/10 (2016.01)
A23L 7/117 (2016.01)
A23L 7/122 (2016.01)
A23L 7/126 (2016.01)
A23L 7/161 (2016.01)
A23L 7/165 (2016.01)
A23L 7/17 (2016.01)
A23L 7/191 (2016.01)
A23P 30/20 (2016.01)
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(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(54) ANTI-BCAM ANTIBODY AND ANTIBODY-DRUG CONJUGATE
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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(54) METHOD AND SYSTEM FOR IMPROVING SPECIFICITY OF ANALYTE DETECTION USING REAL-TIME NUCLEIC ACID AMPLIFICATION
(51) Int. Cl.
C12Q 1/6851 (2018.01)
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(54) METHOD FOR CONTROLLING THE ILLUMINATION OF A SURFACE OF AN OBJECT BY A PROJECTING UNIT AND ASSOCIATED METHOD AND DEVICES

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A61N 5/10 (2006.01)
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H05B 45/10 (2020.01)
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G02B 27/01 (2006.01)
A61N 5/06 (2006.01)
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(54) DEVICES FOR CELL LYSIS AND METHODS OF USE THEREOF
(51) Int. Cl.
C12M 1/00 (2006.01)
C12N 7/00 (2006.01)
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A42B 3/12 (2006.01)
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C04B 28/14 (2006.01)
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C04B 41/48 (2006.01)
E04C 2/04 (2006.01)
E04D 12/00 (2006.01)
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(54) PROCESS OF PREPARING HIV CAPSID INHIBITOR
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C07F 5/00 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/435 (2006.01)
A61P 37/00 (2006.01)
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A61P 31/18 (2006.01)
A61K 31/55 (2006.01)
C07D 401/14 (2006.01)
C07F 9/6558 (2006.01)
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C22B 26/12 (2006.01)
C22B 1/02 (2006.01)
C22B 3/04 (2006.01)
H01M 10/54 (2006.01)
C22B 7/00 (2006.01)
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(21) 2023445294 (22) 06.11.2023
(54) PROTECTIVE DOOR, POWER TRACK AND TRACK SOCKET
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H01R 13/52 (2006.01)
H01R 25/14 (2006.01)
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(54) METHOD TO CREATE JIGSAW LIKE PUZZLES WITH COMPLETELY DEFINED SOLUTIONS
(51) Int. Cl.
A63F 9/10 (2006.01)
A63F 9/06 (2006.01)
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(54) METHODS AND SYSTEMS FOR FORMING TRAYS
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B31B 50/44 (2017.01)
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 (21) 2024261439 (22) 26.04.2024
 (54) COMMUNICATION METHOD FOR
 UWB AND RELATED PRODUCT
 (51) Int. Cl.
H04B 14/04 (2006.01)
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 (72) WU, Kuan; CHITRAKAR, Rojan;
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2024263877 (22) 11.04.2024
 (54) COMMUNICATION METHOD AND
 COMMUNICATION DEVICE
 (51) Int. Cl.
H04W 24/08 (2009.01)
G01S 13/76 (2006.01)
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(71) HUSQVARNA AB
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 (54) IRRIGATION SYSTEM
 (51) Int. Cl.
A01G 25/16 (2006.01)
B05B 3/04 (2006.01)
B05B 12/16 (2018.01)
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 (51) Int. Cl.
H04L 69/18 (2022.01)
G05B 23/02 (2006.01)
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 TRO-ENERGY CELL, SYSTEM, AND
 METHOD OF OPERATION
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H01M 8/04858 (2016.01)
C25B 9/15 (2021.01)
C25B 9/63 (2021.01)
C25B 13/02 (2006.01)
C25B 15/029 (2021.01)
C25B 15/033 (2021.01)
C25B 15/04 (2006.01)
C25B 15/08 (2006.01)
G01N 27/02 (2006.01)
H01M 8/0202 (2016.01)
H01M 8/04186 (2016.01)
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 (72) LEE, Chong-Yong; SWIEGERS, Ger-
 hard Frederick; WARBURTON, Adam;
 TSEKOURAS, George
 (74) Davies Collison Cave Pty Ltd

(71) IMI HYDRONIC ENGINEERING IN-
 TERNATIONAL SA
 (11) AU-A-2024259934
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 (54) A VALVE ARRANGEMENT WITH IM-
 PROVED BALANCING FUNCTIONAL-
 ITY
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F16K 37/00 (2006.01)
F16K 1/52 (2006.01)
F16K 31/05 (2006.01)
F16K 31/50 (2006.01)
F16K 31/53 (2006.01)
F16K 35/02 (2006.01)
F16K 35/06 (2006.01)
F24D 19/10 (2006.01)
G05D 7/01 (2006.01)
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 (72) VOLOVEC, Peter
 (74) Griffith Hack

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 (21) 2024266221 (22) 06.05.2024
 (54) TREATMENT OF INFLAMMATORY
 CONDITIONS COMPRISING IMU-856
 (51) Int. Cl.
A61K 31/4439 (2006.01)
A61K 45/06 (2006.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
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 dreas; GEGER, Christian; GRÖPPEL,
 Manfred; KOHLHOF, Hella; VITT,
 Daniel
 (74) Davies Collison Cave Pty Ltd

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 (54) COMPOSITIONS AND METHODS OF
 ANALYZING A SAMPLE FOR ANTI-
 GEN-SPECIFIC IMMUNE CELLS
 (51) Int. Cl.
G01N 33/569 (2006.01)
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 (72) SHI, Yujiang Geno; SONG, Gang
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 (54) ELECTRIFIED STEAM-METHANE-RE-
 FORMING REACTOR AND METHODS
 OF USE
 (51) Int. Cl.
C07C 1/12 (2006.01)
C10G 2/00 (2006.01)
C25B 1/04 (2021.01)
C25B 15/08 (2006.01)
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 Glenn; HANBURY, Orion; CALDWELL,
 Matthew; RODRIGUEZ, Ramer
 (74) WRAYS PTY LTD

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 (54) A MEDICAL CONTAINER
 (51) Int. Cl.
B65D 39/00 (2006.01)
A61J 1/14 (2023.01)
B65D 51/00 (2006.01)
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 (72) HETTING, Mikael
 (74) AJ PARK

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 (21) 2024261332 (22) 26.04.2024
 (54) SEMI-PERMANENT TATTOO WITH
 FILM RELEASE LINER
 (51) Int. Cl.
C09J 7/40 (2018.01)
A61K 8/02 (2006.01)
A61Q 19/00 (2006.01)
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 Jolie
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(51) Int. Cl.
C09D 11/54 (2014.01)
A61K 8/02 (2006.01)
A61K 8/34 (2006.01)
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A61Q 19/00 (2006.01)
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(11) AU-A-2024272553
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(54) CELLULAR TIME-SERIES IMAGING, MODELING, AND ANALYSIS SYSTEM
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G06V 10/82 (2022.01)
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A61K 47/64 (2017.01)
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(54) TARGET TISSUE ENGAGEMENT
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A61N 1/05 (2006.01)
A61B 5/00 (2006.01)
A61N 1/36 (2006.01)
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(74) WRAYS PTY LTD
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(54) BACTERIAL ENGRAFTMENT DETERMINATION
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G16H 50/30 (2018.01)
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C12Q 1/689 (2018.01)
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(54) MEDICAMENT DELIVERY AND SENSING SYSTEM
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A61M 5/142 (2006.01)
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A61M 5/172 (2006.01)
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(11) AU-A-2024260632
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(51) Int. Cl.
C12N 9/22 (2006.01)
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C12N 15/113 (2010.01)
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(54) METHOD FOR FORMING A CONFEC-TION
(51) Int. Cl.
A23G 3/34 (2006.01)
A23G 3/02 (2006.01)
A23G 3/36 (2006.01)
A23G 3/54 (2006.01)
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A23G 3/34 (2006.01)
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A23G 3/54 (2006.01)
A23P 30/20 (2016.01)
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(51) Int. Cl.
B66B 31/00 (2006.01)
B66B 21/00 (2006.01)
B66B 23/00 (2006.01)
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G08B 13/14 (2006.01)
A47F 5/00 (2006.01)
G08B 13/196 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
A01N 25/02 (2006.01)
A01N 25/22 (2006.01)
A01N 37/36 (2006.01)
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A61L 27/38 (2006.01)
A61F 2/44 (2006.01)
A61K 35/12 (2015.01)
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A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 31/16 (2006.01)
C12N 15/13 (2006.01)
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G08G 1/04 (2006.01)
G06T 7/00 (2017.01)
G06V 10/77 (2022.01)
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G08G 1/01 (2006.01)
G01S 13/91 (2006.01)
G01S 17/86 (2020.01)
G01S 17/87 (2020.01)
G01S 17/931 (2020.01)
G08G 1/015 (2006.01)
G08G 1/017 (2006.01)
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(54) SALT CRYSTAL FORM OF QUATERNARY FUSED RING COMPOUND, AND PREPARATION METHOD THEREFOR AND USE THEREOF
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C07D 498/16 (2006.01)
A61K 31/33 (2006.01)
A61K 31/55 (2006.01)
A61P 35/02 (2006.01)
C07D 267/16 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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(51) Int. Cl.
C01B 3/12 (2006.01)
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C25B 1/04 (2021.01)
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(54) METHOD OF STARTING UP A FISCHER-TROPSCH PLANT
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C10G 2/00 (2006.01)
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(51) Int. Cl.
H01M 8/1018 (2016.01)
B01J 23/46 (2006.01)
C25B 1/02 (2006.01)
C25B 11/081 (2021.01)
C25B 11/091 (2021.01)
H01M 4/90 (2006.01)
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A61M 36/06 (2006.01)
A61B 50/13 (2016.01)
A61M 5/178 (2006.01)
A61M 36/08 (2006.01)
A61N 5/10 (2006.01)
G16H 20/17 (2018.01)
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B65D 85/88 (2006.01)
A62C 37/14 (2006.01)
H01M 50/204 (2021.01)
H02J 7/00 (2006.01)
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H04Q 9/00 (2006.01)
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B08B 9/093 (2006.01)
B01D 21/00 (2006.01)
B01D 21/02 (2006.01)
B01D 21/24 (2006.01)
B08B 9/08 (2006.01)
C02F 11/00 (2006.01)
E21F 17/00 (2006.01)
C02F 103/10 (2006.01)
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(54) NK3 MODULATORS AND USES THEREOF
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C07D 471/04 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/437 (2006.01)
A61K 31/44 (2006.01)
A61K 31/4409 (2006.01)
A61K 31/4422 (2006.01)
A61K 31/496 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/4995 (2006.01)
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A61K 47/20 (2006.01)
A61K 47/26 (2006.01)
A61K 47/38 (2006.01)
A61P 25/06 (2006.01)
C07D 519/00 (2006.01)
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C07C 43/23 (2006.01)
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(54) ENGINEERED CSSDNA PRODUC-
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C12N 15/86 (2006.01)
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KAISHA
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F01D 1/06 (2006.01)
F01D 9/02 (2006.01)
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A61K 9/00 (2006.01)
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A61K 31/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
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INC.
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QUIRY SYSTEM AND METHOD
(51) Int. Cl.
G06Q 10/08 (2024.01)
G06Q 50/10 (2012.01)
H04W 4/38 (2018.01)
A47K 5/06 (2006.01)
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BEVERAGE AND PRODUCTION
METHOD THEREFOR
(51) Int. Cl.
C12C 7/00 (2006.01)
C12C 5/02 (2006.01)
C12C 12/00 (2006.01)
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(54) BINDING AGENTS TARGETING
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(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61K 49/00 (2006.01)

A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
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(11) AU-A-2024330108
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(54) WORK VEHICLE MEASUREMENT
SYSTEM AND WORK VEHICLE
MEASUREMENT METHOD
(51) Int. Cl.
E02F 9/26 (2006.01)
E02F 9/22 (2006.01)
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(54) DETERMINATION SYSTEM AND DE-
TERMINATION METHOD
(51) Int. Cl.
E02F 9/20 (2006.01)
E02F 9/26 (2006.01)
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E02F 9/20 (2006.01)
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C12N 15/86 (2006.01)
C12N 5/0793 (2010.01)
(87) WO2024/225830
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- (71) LANDIS+GYR TECHNOLOGY, INC.
(11) AU-A-2024285937
(21) 2024285937 (22) 07.06.2024
(54) TRANSFORMER LOAD MONITORING AND CONTROL
(51) Int. Cl.
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A61K 47/10 (2017.01)
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A61K 47/44 (2017.01)
A61P 5/26 (2006.01)
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B32B 15/09 (2006.01)
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H01M 50/244 (2021.01)
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C07C 271/00 (2006.01)
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A01P 7/00 (2006.01)
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F17C 3/08 (2006.01)
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C07C 311/51 (2006.01)
C07D 211/18 (2006.01)
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C21B 11/10 (2006.01)
C21B 13/12 (2006.01)
C22B 5/10 (2006.01)
C21C 5/52 (2006.01)
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C21B 11/10 (2006.01)
C21C 5/52 (2006.01)
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B01J 8/18 (2006.01)
B05B 1/00 (2006.01)
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C09D 5/02 (2006.01)
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C22B 21/06 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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A61K 31/41 (2006.01)
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C12Q 1/6883 (2018.01)
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C07K 14/47 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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B22D 11/06 (2006.01)
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C22C 38/00 (2006.01)
H01F 1/147 (2006.01)
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B32B 5/28 (2006.01)
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(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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(72) GIANNASI, Alessandra
(74) Patent Attorney Services

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C07D 401/14 (2006.01)
A61K 31/4436 (2006.01)
A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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B29C 70/30 (2006.01)
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B63B 15/00 (2006.01)
B63B 34/00 (2020.01)
B63B 35/14 (2006.01)
B29K 307/04 (2006.01)
B29L 31/00 (2006.01)
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A01B 39/26 (2006.01)
A01D 34/42 (2006.01)
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F16L 55/10 (2006.01)
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C03B 5/235 (2006.01)
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(72) RASHLEY, Shane; LUNA GUTIERREZ,
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(72) COOPER, Scott; CIASCHI, Andrew;
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(51) Int. Cl.
B60H 1/00 (2006.01)
B60H 1/14 (2006.01)
B60H 1/22 (2006.01)
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(51) Int. Cl.
G06Q 20/36 (2012.01)
G06Q 20/22 (2012.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) SYSTEMS AND METHODS FOR MANAGING PATIENT CARE
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G16H 50/30 (2018.01)
G06F 16/22 (2019.01)
G06F 16/901 (2019.01)
G06Q 50/10 (2012.01)
G16H 10/60 (2018.01)
G16H 40/20 (2018.01)
G16H 50/70 (2018.01)
A61B 5/00 (2006.01)
G06F 3/0482 (2013.01)
G06F 3/04842 (2022.01)
G06Q 10/0631 (2023.01)
G06Q 10/0635 (2023.01)
G06Q 10/109 (2023.01)
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RABINER, Jennifer; COHEN, Lana;

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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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A61B 8/08 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY - II
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A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/11 (2006.01)
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A61K 35/741 (2015.01)
A23L 33/135 (2016.01)
A61K 35/744 (2015.01)
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(51) Int. Cl.
B01D 53/62 (2006.01)

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B01D 53/96 (2006.01)
C01B 3/04 (2006.01)
C25B 1/04 (2021.01)
C25B 1/16 (2006.01)
C25B 1/22 (2006.01)
C25B 9/05 (2021.01)
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FEUCHT, Malte
(74) Dentons Patent Attorneys Australasia
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(54) EXTRUSION HEAD FOR THE ADDITIVE
MANUFACTURING OF A SHAPED
BODY
(51) Int. Cl.
B29C 48/80 (2019.01)
B29C 48/05 (2019.01)
B29C 48/25 (2019.01)
B29C 48/285 (2019.01)
B29C 48/68 (2019.01)
B29C 48/685 (2019.01)
B29C 64/118 (2017.01)
B29C 64/209 (2017.01)
B29C 64/295 (2017.01)
B33Y 30/00 (2015.01)
H05B 6/10 (2006.01)
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C12N 5/10 (2006.01)
A61K 35/17 (2015.01)
A61K 35/28 (2015.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C12N 15/86 (2006.01)
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(54) SCALABLE BATTERY AND SUPPORT
SYSTEM FOR MARINE APPLICATIONS
(51) Int. Cl.
H01M 50/249 (2021.01)
B60K 1/04 (2019.01)
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B63B 17/00 (2006.01)
B63B 35/00 (2020.01)
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C12N 15/85 (2006.01)
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BATALOV, Olga
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USES THEREOF
(51) Int. Cl.
C12N 9/12 (2006.01)
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(54) TRANSPOSASE POLYNUCLEOTIDES
AND USES THEREOF
(51) Int. Cl.
C12N 9/22 (2006.01)
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C12N 15/90 (2006.01)
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XU, Michelle Jiajia; MADISON, Blair B.;
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(54) COMPOSITIONS TARGETING HBG1
AND HBG2 AND METHODS OF USE
THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/62 (2006.01)
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MADISON, Blair, B.
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(54) MINIMIZING RADAR TRANSMIS-
SION LOSS THROUGH COATINGS
OF VEHICLE PARTS WITH ADDITION-
AL RADAR CORRECTING LAYERS
(51) Int. Cl.
G01S 7/02 (2006.01)
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G01S 13/931 (2020.01)
H01Q 1/42 (2006.01)
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Scott Joseph
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PROTRACTION OF UPPER FRONT
TEETH TO ACHIEVE FACIAL BAL-
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A61C 7/08 (2006.01)
A61C 7/12 (2006.01)
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(74) Dentons Patent Attorneys Australasia Limited
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(54) METHODS AND SYSTEMS FOR DETECTING AND MONITORING HIGH-RESOLUTION ELECTROCORTICOGRAPHIC FEATURES OF NEUROLOGICAL STATES
(51) Int. Cl.
A61B 5/293 (2021.01)
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(54) MACROCYCLIC COMPOUND, AND PHARMACEUTICAL COMPOSITION AND USE THEREOF
(51) Int. Cl.
C07D 498/22 (2006.01)
A61K 31/5025 (2006.01)
A61P 29/00 (2006.01)
A61P 37/02 (2006.01)
C07D 487/18 (2006.01)
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(54) INTRAVASCULAR RESISTANCE MEASUREMENT DEVICE AND RELATED METHOD FOR INTERPRETING VASCULAR CONDITIONS
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A61B 5/02 (2006.01)
A61B 17/12 (2006.01)
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A61M 25/10 (2013.01)
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(54) SYSTEM, METHOD, AND APPARATUS FOR PATIENT ACCESS AND ENGAGEMENT AND INTEGRATED SOCIAL HEALTH NETWORK
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G16H 40/00 (2018.01)
G16H 10/00 (2018.01)
G16H 80/00 (2018.01)
(87) WO2024/211901
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(51) Int. Cl.
B65D 77/04 (2006.01)
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(72) ENDERS, Veit; ROMMEL, Lars; KOSEL, Thomas
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) METHODS FOR REDUCING EXOGENOUS INSULIN USE
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A61P 3/10 (2006.01)
C07K 16/28 (2006.01)
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A61F 2/95 (2013.01)
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(74) GLMR
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(54) DEVICE AND METHOD FOR DEPLOYING EXPANDABLE IMPLANTS
(51) Int. Cl.
A61F 2/95 (2013.01)
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(54) COMBINED USE OF BISPECIFIC ANTIBODY BINDING TO ACTIVATED COAGULATION FACTOR IX AND COAGULATION FACTOR X WITH BLOOD COAGULATION FACTOR X FOR TREATING SUBJECT WITH HEMOPHILIA A
(51) Int. Cl.
A61K 38/36 (2006.01)
A61K 39/395 (2006.01)
A61P 7/04 (2006.01)
A61P 43/00 (2006.01)
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(54) HEAT PUMP DISHWASHER
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A47L 15/42 (2006.01)
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A47L 15/42 (2006.01)
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 (54) DISHWASHER COMPRISING HEAT PUMP DEVICE
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A47L 15/42 (2006.01)
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 (21) 2024247180 (22) 15.03.2024
 (54) EXTERNAL LINT FILTERING APPARATUS, WASHING SYSTEM AND CONTROL METHOD
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D06F 39/10 (2006.01)
 (87) WO2024/198967
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 (54) LOW COMPLEXITY NN-BASED IN LOOP FILTER ARCHITECTURES WITH SEPARABLE CONVOLUTION
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H04N 19/42 (2014.01)
G06N 3/0464 (2023.01)
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 (54) PREDICTING CHROMA DATA USING CROSS-COMPONENT PREDICTION FOR VIDEO CODING
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H04N 19/105 (2014.01)
H04N 19/176 (2014.01)
H04N 19/186 (2014.01)
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 (54) NONLOCALLY RANDOMIZED QUANTUM-AUGMENTED SECURITY
 (51) Int. Cl.
H04L 9/08 (2006.01)
B82Y 20/00 (2011.01)
G06N 10/40 (2022.01)
H04B 10/70 (2013.01)
H04L 9/12 (2006.01)
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 (72) NAMAZI, Mehdi; CRADDOCK, Alexander; LAZENBY, Anne; FLAMENT, Mael
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2024311509 (22) 07.02.2024
 (54) A METHOD FOR PRODUCING AND USING A COMPLEX FLUID
 (51) Int. Cl.
B29C 64/124 (2017.01)
A61L 27/52 (2006.01)
B29C 64/40 (2017.01)
B33Y 70/00 (2020.01)
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(71) RAYTHEON COMPANY
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H05K 1/02 (2006.01)
H05K 3/28 (2006.01)
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 (54) CLEANING AND DISINFECTING COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME
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C11D 17/00 (2006.01)
C11D 3/48 (2006.01)
C11D 7/26 (2006.01)
C11D 7/32 (2006.01)
C11D 7/34 (2006.01)
C11D 17/04 (2006.01)
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 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/519 (2006.01)
A61K 31/53 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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 (54) METHODS FOR TREATING EOSINOPHILIC GASTROENTERITIS BY ADMINISTERING AN IL-4R ANTAGONIST
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A61P 1/04 (2006.01)
C07K 16/28 (2006.01)
 (87) WO2024/206341
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(54) BLOWER FOR PORTABLE RPT DEVICE
(51) Int. Cl.
A61M 16/00 (2006.01)
A61B 5/08 (2006.01)
A61M 5/087 (2006.01)
A61M 16/06 (2006.01)
A61M 16/10 (2006.01)
F04D 25/06 (2006.01)
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F04D 17/16 (2006.01)
A61M 16/00 (2006.01)
A61M 16/06 (2006.01)
F04D 17/06 (2006.01)
F04D 19/02 (2006.01)
F04D 25/16 (2006.01)
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A61M 16/06 (2006.01)
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A61M 16/20 (2006.01)
A62B 18/04 (2006.01)
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(54) METHOD FOR PRODUCING COMPOSITE MATERIAL
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B05D 1/26 (2006.01)
B05D 7/24 (2006.01)
C09D 5/02 (2006.01)
C09D 7/61 (2018.01)
C09D 7/63 (2018.01)
C09D 201/00 (2006.01)
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(54) SYNTHESIS OF RAS INHIBITORS
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C07D 211/62 (2006.01)
C07C 229/30 (2006.01)
C07D 213/61 (2006.01)
C07D 401/04 (2006.01)
C07D 413/06 (2006.01)
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C07K 5/02 (2006.01)
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C07D 498/22 (2006.01)
A61P 35/00 (2006.01)
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B32B 27/36 (2006.01)
C08K 3/34 (2006.01)
C08K 5/092 (2006.01)
C08L 67/04 (2006.01)
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(72) DE MATTIA, Nicola; DARGENIO, Giuseppe
(74) Patent Attorney Services
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(54) CASTING SYSTEM
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B22D 41/00 (2006.01)
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(51) Int. Cl.
C25C 7/06 (2006.01)
C25C 3/06 (2006.01)
C25C 3/08 (2006.01)
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C12N 9/10 (2006.01)
C07K 14/165 (2006.01)
C12N 5/071 (2010.01)
C12N 15/85 (2006.01)
A61K 39/215 (2006.01)
C12N 15/70 (2006.01)
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(51) Int. Cl.
A61M 15/08 (2006.01)
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G06T 7/00 (2017.01)
G06T 7/11 (2017.01)
G06T 7/194 (2017.01)
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(54) PRMT5 INHIBITORS
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C07D 471/04 (2006.01)
A61K 31/444 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/497 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 491/048 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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G01R 31/08 (2020.01)
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(54) IMPROVED CABLE CONNECTING PIECE
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H01R 43/02 (2006.01)
B23K 1/00 (2006.01)
B23K 3/03 (2006.01)
H01R 4/64 (2006.01)
H01R 11/16 (2006.01)
H01R 43/16 (2006.01)
H01R 4/62 (2006.01)
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C12Q 1/6853 (2018.01)
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C03B 5/03 (2006.01)
H05B 3/03 (2006.01)
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C04B 26/04 (2006.01)
C04B 28/02 (2006.01)
C04B 111/10 (2006.01)
C04B 111/28 (2006.01)
C04B 111/34 (2006.01)
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(54) GAS MANAGEMENT SYSTEM
(51) Int. Cl.
F17C 9/02 (2006.01)
F17C 6/00 (2006.01)
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(54) METHODS OF DOSING AND ADMINISTRATION OF ENGINEERED ISLET CELLS
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A61K 35/39 (2015.01)
A61K 9/00 (2006.01)
A61K 47/00 (2006.01)
A61P 3/10 (2006.01)
C12N 5/071 (2010.01)
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(74) FB Rice Pty Ltd
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(54) RAISE BORING TOOL WITH IMPROVED CUTTINGS EVACUATION
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E21B 7/28 (2006.01)
E21B 10/28 (2006.01)
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(54) ENGINEERED BLOOD BRAIN BARRIER PENETRANT AAV CAPSIDS
(51) Int. Cl.
C12N 15/861 (2006.01)
A61P 25/00 (2006.01)
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C07K 14/005 (2006.01)
A61K 35/76 (2015.01)
C12N 15/86 (2006.01)
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(54) METHODS FOR PURIFYING HETEROMULTIMERIC ANTIBODIES
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C07K 16/28 (2006.01)
C07K 1/22 (2006.01)
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A61M 25/09 (2006.01)
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(54) SYSTEM AND METHOD OF GENERATING A COLOR-CODED IMAGE DEMONSTRATING BLOOD FLOW
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A61B 6/00 (2024.01)
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C07D 417/12 (2006.01)
A61K 31/404 (2006.01)
A61K 31/416 (2006.01)
A61K 31/4184 (2006.01)
A61K 31/422 (2006.01)
A61K 31/4245 (2006.01)
A61K 31/427 (2006.01)
A61K 31/433 (2006.01)
A61K 31/437 (2006.01)
A61K 31/454 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/541 (2006.01)
A61P 35/00 (2006.01)
C07D 209/42 (2006.01)
C07D 403/12 (2006.01)
C07D 405/12 (2006.01)
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C07D 487/04 (2006.01)
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(54) MOLECULES FOR MODULATING THE IMMUNE SYSTEM AND USES THEREOF
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 19/02 (2006.01)
A61P 37/00 (2006.01)
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G06Q 50/08 (2012.01)
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(74) James & Wells Intellectual Property
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(21) 2023458985 (22) 27.11.2023
(54) COMPOSITE BEAM, BUILDING, AND REINFORCING METAL FITTING
(51) Int. Cl.
E04C 3/292 (2006.01)
E04B 1/30 (2006.01)
E04B 1/58 (2006.01)
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(31) 2023-101974 (32) 21.06.23 (33) JP
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(72) ARAKI Keisuke; SATO Ryosuke; NAKABAYASHI Takuya; SHIRAHASE Shinji; HIJIKATA Kazumi; NAKATANI

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FUKUMOTO Daiki; ENAMI Momo
(74) James & Wells Intellectual Property

(71) SEQIRUS INC.
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(21) 2024269492 (22) 06.05.2024
(54) VACCINE COMPOSITIONS
(51) Int. Cl.
C07K 14/52 (2006.01)
A61K 31/7105 (2006.01)
A61K 38/19 (2006.01)
C12N 15/74 (2006.01)
(87) WO2024/231810
(31) 63/500,377 (32) 05.05.23 (33) US
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(43) 14.11.2024
(72) WIDMAN, Douglas; RAMANATHAN,
Palaniappan
(74) FB Rice Pty Ltd

(71) SHANGHAI DUOMIRUI BIOTECHNO-
LOGY, LTD.
(11) AU-A-2024242230
(21) 2024242230 (22) 29.03.2024
(54) PROTEIN ANALOGUE AND USE
THEREOF
(51) Int. Cl.
C07K 14/50 (2006.01)
C12N 15/12 (2006.01)
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(72) FENG, Jun; WANG, Yapeng; LU, Ji-
anguang; HUANG, Zongqing; DONG,
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(74) FPA Patent Attorneys Pty Ltd

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SCIENCES
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(21) 2024257755 (22) 12.04.2024
(54) NAV1.8 INHIBITORS, PREPARA-
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THEREOF
(51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/167 (2006.01)
A61K 31/277 (2006.01)
A61K 31/36 (2006.01)
A61K 31/44 (2006.01)
A61P 19/02 (2006.01)
A61P 25/04 (2006.01)
A61P 29/00 (2006.01)
C07C 257/18 (2006.01)
C07C 257/20 (2006.01)
C07C 259/18 (2006.01)
C07C 261/04 (2006.01)
C07D 213/78 (2006.01)
C07D 213/82 (2006.01)
C07D 317/68 (2006.01)
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(72) GAO, Zhaobing; YANG, Chunhao; TAN,
Cun; ZHENG, Yueming; FU, Linshu;
XU, Haiyan; CHEN, Xiaoyan; HU,

Youhong; XIONG, Bing; HE, Qian; WEI,
Aihuan; ZHANG, Xiaofei; WANG, Linlin
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2023439873
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(54) METHOD FOR DIRECTLY TRANSDI-
FERENTIATING SPERMATOGENIAL
STEM CELLS INTO NEURAL STEM
CELL-LIKE CELLS
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C12N 5/0797 (2010.01)
C12N 5/076 (2010.01)
C12N 5/0793 (2010.01)
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(72) WU, Ji; FANG, Qian
(74) FB Rice Pty Ltd

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TION TECHNOLOGY COMPANY LIM-
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(21) 2024243815 (22) 03.04.2024
(54) METHOD AND APPARATUS USED IN
NODE FOR WIRELESS COMMUNICA-
TION
(51) Int. Cl.
H04W 72/0453 (2023.01)
H04L 5/00 (2006.01)
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(43) 10.10.2024
(72) LIU, Zheng; ZHANG, Xiaobo
(74) FB Rice Pty Ltd

(71) SHARKNINJA OPERATING LLC
(11) AU-A-2024267695
(21) 2024267695 (22) 03.05.2024
(54) COOKING DEVICES, METHODS, AND
COMPONENTS THEREOF
(51) Int. Cl.
A47J 37/06 (2006.01)
(87) WO2024/233292
(31) 63/500,419 (32) 05.05.23 (33) US
63/589,763 12.10.23 US
63/562,557 07.03.24 US
(43) 14.11.2024
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topher; TAKESHI LIN, Matthew;
BALDRY, Samuel, Benjamin; BANTON,
Georgia, Emily Ann; BERNAL, Dennis,
Jose; STEVENSON REED, Connor,
Richard; MEYER-RASSOW, Chris
(74) PHILLIPS ORMONDE FITZPATRICK

(71) SHENZHEN HANYANG TECHNO-
LOGY CO., LTD.
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(21) 2023456280 (22) 18.12.2023
(54) ROBOT
(51) Int. Cl.
A01D 34/00 (2006.01)
B25J 5/00 (2006.01)
B62D 63/02 (2006.01)

E01H 5/00 (2006.01)
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(72) HUANG, Yang; ZHU, Taotao; SONG,
Yongqi; LI, Haitao
(74) LAMINAR IP PTY LTD

(71) SHENZHEN SHENXIN BIOTECHNO-
LOGY CO., LTD.
(11) AU-A-2024248317
(21) 2024248317 (22) 29.03.2024
(54) POLYNUCLEOTIDE MOLECULE
COMPRISING POLY(A) AND USE
THEREOF
(51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/67 (2006.01)
C12N 15/68 (2006.01)
(87) WO2024/199441
(31) PCT/ (32) 29.03.23 (33) CN
CN2023/084701
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(72) HUANG, Hui; LI, Linxian
(74) FB Rice Pty Ltd

(71) SHOALS TECHNOLOGIES GROUP,
LLC
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(21) 2024261418 (22) 25.04.2024
(54) CABLE HANGER
(51) Int. Cl.
H02G 3/30 (2006.01)
F16L 3/10 (2006.01)
H02G 3/32 (2006.01)
(87) WO2024/226836
(31) 63/498,242 (32) 25.04.23 (33) US
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(72) MICHAEL, Dorothy
(74) Griffith Hack

(71) SICPA HOLDING SA
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(54) APPARATUSES AND PROCESSES
FOR PRODUCING OPTICAL EF-
FECTS LAYERS
(51) Int. Cl.
B05D 3/06 (2006.01)
B05D 3/00 (2006.01)
B05D 5/06 (2006.01)
B42D 25/364 (2014.01)
B42D 25/369 (2014.01)
C09D 5/23 (2006.01)
C09D 7/40 (2018.01)
C09D 7/61 (2018.01)
C09D 11/037 (2014.01)
C09D 11/101 (2014.01)
H01F 41/16 (2006.01)
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(31) 23166324.6 (32) 03.04.23 (33) EP
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(72) NIKSERESHT GHANEPOUR, Neda;
CALLEGARI, Andrea
(74) Spruson & Ferguson

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(21) 2024268013 (22) 25.04.2024
(54) METHOD FOR PRODUCING A MEMBRANE-ELECTRODE ASSEMBLY FOR AN ELECTROLYSIS CELL VIA DIRECT MEMBRANE DEPOSITION AND ELECTROLYSIS CELL THUS PRODUCED
(51) Int. Cl.
H01M 4/88 (2006.01)
C25B 9/23 (2021.01)
H01M 8/1004 (2016.01)
H01M 8/10 (2016.01)
(87) WO2024/231125
(31) 10 2023 204 362.9 (32) 11.05.23 (33) DE
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(72) MIERDEL, Konstantin; RELLER, Christian; SCHILDE, Luise
(74) Spruson & Ferguson

(71) SIEMENS ENERGY GLOBAL GMBH & CO. KG
(11) AU-A-2024275258
(21) 2024275258 (22) 02.05.2024
(54) METHOD FOR SEPARATING CO₂ FROM THE ATMOSPHERE, AND SEPARATION DEVICE, IN PARTICULAR FOR CARRYING OUT THE METHOD
(51) Int. Cl.
B01D 53/04 (2006.01)
(87) WO2024/240457
(31) 10 2023 204 779.9 (32) 23.05.23 (33) DE
(43) 28.11.2024
(72) JOH, Ralph
(74) Spruson & Ferguson

(71) SIEMENS MOBILITY GMBH
(11) AU-A-2024258735
(21) 2024258735 (22) 22.03.2024
(54) FILL LEVEL MONITORING
(51) Int. Cl.
B61C 15/10 (2006.01)
(87) WO2024/217821
(31) 10 2023 203 658.4 (32) 20.04.23 (33) DE
(43) 24.10.2024
(72) LOHNEIS, Georg; STRÖSSNER, Christian
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(11) AU-A-2024265361
(21) 2024265361 (22) 28.03.2024
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(51) Int. Cl.
G06Q 10/20 (2023.01)
G06N 20/00 (2019.01)
G06Q 30/0601 (2023.01)
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(72) MARINO, Enrico Pasquale
(74) Spruson & Ferguson

(71) SIGMA COMPUTING, INC.
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(21) 2024253032 (22) 27.03.2024
(54) DISTRIBUTING DATASET REQUESTS ACROSS SERVICE TIERS
(51) Int. Cl.
G06F 16/26 (2019.01)
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(72) WOOLLEN, Robert C.; SEIDEN, Max H.
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(54) HYDRAULIC COMPOSITION FOR ULTRA-HIGH PERFORMANCE CONCRETE AND ULTRA-HIGH PERFORMANCE GROUT
(51) Int. Cl.
C04B 28/04 (2006.01)
C04B 18/04 (2006.01)
E01D 19/08 (2006.01)
(87) WO2025/017092
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(72) CALAMA, Juan Antonio
(74) WRAYS PTY LTD

(71) SIMBRYO TECHNOLOGIES, INC.
(11) AU-A-2024235548
(21) 2024235548 (22) 14.03.2024
(54) STEM CELL AND ORGANOID BASED METHODS FOR DIAGNOSTICS AND OPTIMIZATION OF EMBRYO IMPLANTATION
(51) Int. Cl.
C12N 5/0735 (2010.01)
C12M 1/00 (2006.01)
C12M 1/32 (2006.01)
G01N 1/30 (2006.01)
G01N 33/50 (2006.01)
(87) WO2024/192267
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(43) 19.09.2024
(72) WARMFLASH, Aryeh
(74) Pearce IP Pty Ltd

(71) SIR NAGEN THERAPEUTICS INCORPORATED
(11) AU-A-2024248694
(21) 2024248694 (22) 29.03.2024
(54) DNA-RNA HETERODUPLEX TARGETING ANDROGEN RECEPTOR
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C12N 15/113 (2010.01)
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(72) PARK, Han-Oh; PARK, June Young; YUN, Sung Il; LEE, Sang Kyu; CHOI, Woorim
(74) FB Rice Pty Ltd

(71) SLUMBERTREK AUSTRALIA PTY LTD
(11) AU-A-2024283211
(21) 2024283211 (22) 24.05.2024
(54) ANCHOR FOR PORTABLE SHELTER AND A SHELTER ASSEMBLY COMPRISING SAME
(51) Int. Cl.
E04H 15/62 (2006.01)
E04H 15/28 (2006.01)
E04H 15/46 (2006.01)
E04H 15/54 (2006.01)
(87) WO2024/243617
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(43) 05.12.2024
(72) DAVIS, Jarrod
(74) Cooper IP Pty Ltd

(71) SMTP MEDICAL CO., LTD.
(11) AU-A-2024312896
(21) 2024312896 (22) 14.05.2024
(54) ILLUMINATION APPARATUS FOR MEDICAL INSTRUMENT AND MEDICAL INSTRUMENT KIT
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A61B 90/30 (2016.01)
(87) WO2024/260151
(31) 202310749306.6 (32) 21.06.23 (33) CN
(43) 26.12.2024
(72) CAO, Qun; ZHAN, Songtao; SHI, Junqiang; DAI, Zhiling
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
(11) AU-A-2024276120
(21) 2024276120 (22) 24.05.2024
(54) PREBIOTICS FOR TREATING AND/OR PREVENTING VITAMIN K2 DEFICIENCY
(51) Int. Cl.
A61K 31/702 (2006.01)
A23L 33/125 (2016.01)
A23L 33/135 (2016.01)
A23L 33/21 (2016.01)
A61K 31/122 (2006.01)
A61K 35/745 (2015.01)
A61K 35/747 (2015.01)
A61P 19/08 (2006.01)
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(72) BOULANGE, Claire Laurence Lucie Marie; DUBOUX, Stéphane; CAMPOS GIMENEZ, Esther; HORCAJADA, Marie Noëlle; BONNET, Nicolas
(74) Spruson & Ferguson

(71) SOPHIA GENETICS SA
(11) AU-A-2024276256
(21) 2024276256 (22) 20.05.2024
(54) METHOD FOR TUMOR FRACTION ESTIMATION
(51) Int. Cl.
G16B 20/20 (2019.01)
G16B 30/10 (2019.01)

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 (43) 28.11.2024
 (72) POZZORINI, Christian; BIELER,
 Jonathan; XU, Zhenyu
 (74) Integrated IP

(71) SOUFFLET VIGNE
 (11) AU-A-2024259512
 (21) 2024259512 (22) 22.04.2024
 (54) PHYTOSANITARY COMPOSITION
 FOR THE TREATMENT OF CRYPTOGAMIC DISEASES AFFECTING PLANTS
 (51) Int. Cl.
 A01P 3/00 (2006.01)
 A01N 37/36 (2006.01)
 A01N 37/44 (2006.01)
 A01N 43/16 (2006.01)
 A01N 59/16 (2006.01)
 A01N 59/20 (2006.01)
 A01N 59/26 (2006.01)
 (87) WO2024/218395
 (31) FR2304019 (32) 21.04.23 (33) FR
 (43) 24.10.2024
 (72) PAUPELARD, Laurent; DROMARD,
 Tanguy
 (74) FB Rice Pty Ltd

(71) STEPAN COMPANY
 (11) AU-A-2024273686
 (21) 2024273686 (22) 14.05.2024
 (54) MICROBIAL ENHANCED COMPOSITIONS WHICH OVERCOME ANTAGONISTIC SURFACTANT INCOMPATIBILITY
 (51) Int. Cl.
 C11D 1/38 (2006.01)
 A01N 1/10 (2025.01)
 A01N 59/00 (2006.01)
 C12P 19/04 (2006.01)
 (87) WO2024/238555
 (31) 63/466,559 (32) 15.05.23 (33) US
 63/611,458 18.12.23 US
 (43) 21.11.2024
 (72) NIKOLOFF, Alexander N.; LIM, Sang-
 wook; MASTERS, Ronald A.; REN,
 Yonglin; PERRIN, Renaud Louis Benoit
 (74) Spruson & Ferguson

(71) STEPAN COMPANY
 (11) AU-A-2024280662
 (21) 2024280662 (22) 29.05.2024
 (54) MICROBIAL ENHANCED COMPOSITIONS COMPRISING SURFACTANT BLENDS WHICH OVERCOME ANTAGONISTIC SURFACTANT INCOMPATIBILITY
 (51) Int. Cl.
 C11D 1/65 (2006.01)
 A01N 25/04 (2006.01)
 C11D 1/02 (2006.01)
 C11D 1/83 (2006.01)
 C11D 1/29 (2006.01)
 (87) WO2024/249504
 (31) 63/469,719 (32) 30.05.23 (33) US
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(43) 05.12.2024
 (72) LIM, Sangwook; NIKOLOFF, Alexander
 A.; MASTERS, Ronald A.
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(71) STUDIO AUTOMATED SPORT & MEDIA HOLDING B.V.
 (11) AU-A-2024242305
 (21) 2024242305 (22) 28.03.2024
 (54) METHOD FOR AUTONOMOUS PRODUCTION OF AN EDITED VIDEO STREAM
 (51) Int. Cl.
 H04N 23/69 (2023.01)
 G06N 3/08 (2023.01)
 (87) WO2024/205411
 (31) 2034447 (32) 28.03.23 (33) NL
 (43) 03.10.2024
 (72) BAKKER, Thomas Pieter Jan; DE
 HAAN, Tjimen Floris; UIJENS, Wouter
 Roel; COSMA, Radu Alexandru
 (74) Minter Ellison

(71) SUMITOMO CHEMICAL COMPANY, LIMITED
 (11) AU-A-2024263175
 (21) 2024263175 (22) 24.04.2024
 (54) METHOD FOR PRODUCING CELLS FOR MEASURING ACTIVITY OF SENSOR PROTEIN
 (51) Int. Cl.
 C12N 5/10 (2006.01)
 C07K 14/705 (2006.01)
 C12N 15/12 (2006.01)
 C12Q 1/02 (2006.01)
 (87) WO2024/225293
 (31) 2023-075288 (32) 28.04.23 (33) JP
 (43) 31.10.2024
 (72) SASAOKA, Norio; SEKIGUCHI,
 Michiru; TAKAHASHI, Yasuhiko
 (74) Spruson & Ferguson

(71) SUMITOMO SEIKA CHEMICALS CO., LTD.
 (11) AU-A-2024308057
 (21) 2024308057 (22) 20.06.2024
 (54) PRODUCTION METHOD FOR WATER-ABSORBING RESIN PARTICLES, ABSORBER, AND ABSORBENT ARTICLE
 (51) Int. Cl.
 C08G 81/00 (2006.01)
 A61F 13/532 (2006.01)
 A61F 13/535 (2006.01)
 B01J 20/26 (2006.01)
 B01J 20/30 (2006.01)
 C08F 8/50 (2006.01)
 (87) WO2025/004966
 (31) 2023-107946 (32) 30.06.23 (33) JP
 (43) 02.01.2025
 (72) MAEDA Hiroki
 (74) Spruson & Ferguson

(71) SUNGROW (SHANGHAI) CO., LTD.
 (11) AU-A-2023439987
 (21) 2023439987 (22) 23.11.2023

(54) ENERGY STORAGE SYSTEM AND POWER SUPPLY SYSTEM
 (51) Int. Cl.
 H02J 3/28 (2006.01)
 H02J 3/38 (2006.01)
 (87) WO2024/198412
 (31) 202310321292.8 (32) 28.03.23 (33) CN
 (43) 03.10.2024
 (72) XU, Jincheng; LI, Benqiang; JIANG,
 Anying; WANG, Dong
 (74) Davies Collison Cave Pty Ltd

(71) SUNTORY HOLDINGS LIMITED
 (11) AU-A-2024280821
 (21) 2024280821 (22) 22.05.2024
 (54) ALCOHOL-CONTAINING COMPOSITION
 (51) Int. Cl.
 C12G 3/06 (2006.01)
 C12G 3/055 (2019.01)
 (87) WO2024/247836
 (31) 2023-087103 (32) 26.05.23 (33) JP
 (43) 05.12.2024
 (72) MIYAJIMA, Mayu; UEMURA, Masahide;
 OUCHI, Shinya
 (74) Davies Collison Cave Pty Ltd

(71) SVAR LIFE SCIENCE AB
 (11) AU-A-2024274994
 (21) 2024274994 (22) 23.05.2024
 (54) NOVEL EXTRACTION METHOD
 (51) Int. Cl.
 C12N 15/10 (2006.01)
 (87) WO2024/240876
 (31) 23175251.0 (32) 25.05.23 (33) EP
 (43) 28.11.2024
 (72) MØRK, Einar; PRAMHED, Anna;
 SIKORSKI, Krzysztof; PAULY, Frida
 (74) Spruson & Ferguson

(71) SWIMC LLC
 (11) AU-A-2024272822
 (21) 2024272822 (22) 15.05.2024
 (54) LATENT BASE CATALYST AND COATING COMPOSITION INCLUDING THE SAME
 (51) Int. Cl.
 C09D 7/63 (2018.01)
 C09D 4/00 (2006.01)
 (87) WO2024/238605
 (31) 63/502,673 (32) 17.05.23 (33) US
 (43) 21.11.2024
 (72) XU, Ruisong; BANISADR, Seyedali
 (74) Spruson & Ferguson

(71) SYNDAX PHARMACEUTICALS, INC.
 (11) AU-A-2024274397
 (21) 2024274397 (22) 16.05.2024
 (54) METHODS OF TREATING CHRONIC GRAFT-VERSUS-HOST DISEASE-RELATED BRONCHIOLITIS OBLITERANS SYNDROME USING AN ANTI-COLONY STIMULATING FACTOR 1 RECEPTOR ANTIBODY
 (51) Int. Cl.
 A61K 39/395 (2006.01)
 A61P 11/00 (2006.01)

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C07K 16/28 (2006.01)
- (87) WO2024/238787
 (31) 63/467,169 (32) 17.05.23 (33) US
 (43) 21.11.2024
 (72) ORDENTLICH, Peter; RADOJCIC, Vedran
 (74) Houlihan Intellectual Property Pty Ltd
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- (71) TENVIE THERAPEUTICS, INC.
 (11) AU-A-2024255597
 (21) 2024255597 (22) 12.04.2024
 (54) COMPOUNDS, COMPOSITIONS, AND METHODS
 (51) Int. Cl.
C07D 221/22 (2006.01)
A61P 25/28 (2006.01)
- (87) WO2024/216209
 (31) 63/496,375 (32) 14.04.23 (33) US
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C12N 5/0783 (2010.01)
C12M 1/00 (2006.01)
C12M 1/02 (2006.01)
C12M 1/36 (2006.01)
C12M 3/00 (2006.01)
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A23L 33/00 (2016.01)
A23C 9/152 (2006.01)
A23L 33/19 (2016.01)
A61K 35/20 (2006.01)
A61K 38/17 (2006.01)
A61P 25/22 (2006.01)
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A23L 33/00 (2016.01)
A23C 9/152 (2006.01)
A23L 33/19 (2016.01)
A61K 35/20 (2006.01)
A61K 38/17 (2006.01)
A61P 1/04 (2006.01)
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A61K 31/197 (2006.01)
A61K 9/00 (2006.01)
A61K 47/18 (2017.01)
A61K 31/04 (2006.01)
A61P 35/00 (2006.01)
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A61K 38/17 (2006.01)
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A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
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C07H 19/14 (2006.01)
A61K 31/519 (2006.01)
A61K 31/52 (2006.01)
A61K 31/7064 (2006.01)
C07D 473/34 (2006.01)
C07H 19/052 (2006.01)
C07H 19/12 (2006.01)
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A01K 29/00 (2006.01)
A01K 39/012 (2006.01)
A01K 39/014 (2006.01)
G06Q 50/02 (2024.01)
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C07D 403/14 (2006.01)
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A61B 5/37 (2021.01)
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A23L 27/40 (2016.01)
A23B 7/10 (2006.01)
A23G 3/36 (2006.01)
A23L 2/00 (2006.01)
A23L 2/52 (2006.01)
A23L 7/13 (2016.01)
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G06F 9/50 (2006.01)
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H04L 43/0811 (2022.01)
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A61B 6/10 (2006.01)
A61M 5/178 (2006.01)
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(54) MOUNT FOR POWER CONVERSION MODULE
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H05K 7/14 (2006.01)
H01R 12/00 (2006.01)
H01R 12/70 (2011.01)
H02M 7/00 (2006.01)
H05K 7/02 (2006.01)
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(54) FIREPIT
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C10L 5/44 (2006.01)
F23B 60/00 (2006.01)
F23H 17/00 (2006.01)
F23L 15/00 (2006.01)
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A61K 31/519 (2006.01)
A61P 17/00 (2006.01)
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C12N 15/115 (2010.01)
C12Q 1/68 (2018.01)
G01N 33/487 (2006.01)
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C12N 5/0797 (2010.01)
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A61P 25/00 (2006.01)
C12N 5/00 (2006.01)
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(51) Int. Cl.
C12Q 1/6886 (2018.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C12N 5/0783 (2010.01)
G01N 33/50 (2006.01)
G01N 33/574 (2006.01)
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A61B 18/08 (2006.01)
A61B 18/10 (2006.01)
A61N 1/32 (2006.01)
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B01L 3/00 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
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(51) Int. Cl.
E02D 35/00 (2006.01)
E02D 27/48 (2006.01)
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(21) 2023443962 (22) 20.04.2023
(54) USE OF A LIGNIN-BASED FILLER FOR PRODUCING A POLYMER COMPOSITION
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C08L 97/00 (2006.01)
C08H 7/00 (2011.01)
(87) WO2024/217684
(43) 24.10.2024
(72) GALL, Barbara; DIEHL, Florian
(74) FPA Patent Attorneys Pty Ltd
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(54) A RUBBER COMPOSITION
(51) Int. Cl.
C08L 7/00 (2006.01)
C08L 23/16 (2006.01)
C08L 97/00 (2006.01)
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C08H 7/00 (2011.01)
C08J 5/10 (2006.01)
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(51) Int. Cl.
A61K 31/7016 (2006.01)
A61K 9/00 (2006.01)
A61K 31/702 (2006.01)
A61K 31/7024 (2006.01)
A61L 15/00 (2006.01)
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(72) BOHBOT, Serge; LAZARO MARTINEZ, Jose Luis
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(54) METHOD OF FILTRATION OF PARTICULATE SYSTEMS WITH INJECTION OF NANOBUBBLES, AND USE THEREOF
(51) Int. Cl.
B01D 37/02 (2006.01)
B01F 23/20 (2022.01)
B01F 25/80 (2022.01)
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A61K 31/454 (2006.01)
A61P 19/06 (2006.01)
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C12Q 1/6883 (2018.01)
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A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
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C12N 15/62 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/318 (2021.01)
A61B 5/349 (2021.01)
G16H 50/50 (2018.01)
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H04L 9/40 (2022.01)
G06F 21/62 (2013.01)
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C01B 32/215 (2017.01)
H01M 4/04 (2006.01)
H01M 4/36 (2006.01)
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H04B 10/118 (2013.01)
H04H 20/74 (2008.01)
H04L 45/42 (2022.01)
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F28F 9/007 (2006.01)
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F28F 9/02 (2006.01)
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A61G 1/044 (2006.01)
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B60Q 7/00 (2006.01)
F21S 4/00 (2016.01)
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A61K 31/36 (2006.01)
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G01N 33/543 (2006.01)
C12M 1/42 (2006.01)
G01N 11/00 (2006.01)
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C12M 1/34 (2006.01)
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C12Q 1/02 (2006.01)
G06V 20/69 (2022.01)
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G06V 20/69 (2022.01)
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C12Q 1/02 (2006.01)
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C07K 7/08 (2006.01)
A61P 1/04 (2006.01)
A61P 17/06 (2006.01)
A61P 37/00 (2006.01)
C07K 7/06 (2006.01)
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C07K 7/06 (2006.01)
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A61P 7/06 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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C01G 9/02 (2006.01)
A61K 8/02 (2006.01)
A61K 8/27 (2006.01)
A61K 9/51 (2006.01)
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A61Q 19/00 (2006.01)
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2023439873	SHANGHAI JIAO TONG UNIVERSITY	2024243137	CTC GLOBAL CORPORATION
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2023441519	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2024243485	INTERCONTINENTAL GREAT BRANDS LLC
2023442547	QINGDAO HAIER DISHWASHER CO.LTD; HAIER SMART HOME CO., LTD.	2024243779	EPISTEME PROGNOSTICS, INC.
2023442924	OLMI S.R.L.	2024243815	SHANGHAI LANGBO COMMUNICATION TECHNOLOGY COMPANY LIMITED
2023442969	QINGDAO HAIER DISHWASHER CO. LTD; HAIER SMART HOME CO., LTD.	2024243923	POSEIDA THERAPEUTICS, INC.
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2023451799	HALLIBURTON ENERGY SERVICES, INC.	2024245309	DEPUY SYNTHES PRODUCTS, INC.
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2023453786	SCRIPPS CLINIC MEDICAL GROUP, INC.	2024245627	POLARIS INDUSTRIES INC.
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2023456288	BAYRAKTAR, G.	2024246284	TOP CAP HOLDING GMBH
2023457859	WING AVIATION LLC	2024246336	EGGXYT LTD.
2023458985	SEKISUI HOUSE, LTD.	2024246525	ELI LILLY AND COMPANY
2023463743	CRRC MEISHAN CO., LTD	2024246606	HANGZHOU PRINT FLOORING TECHNOLOGY CO., LTD.
2023478851	VIASAT, INC.	2024246680	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.
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2024235075	THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI INSTITUTE)	2024246994	PROVENTION BIO, INC.
2024235548	SIMBRYO TECHNOLOGIES, INC.	2024247045	BYD COMPANY LIMITED
2024241683	SANOFI; INNATE PHARMA	2024247141	BYD COMPANY LIMITED
2024241705	MORACA, A.	2024247180	QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.
2024241734	JAGE RESEARCH & INNOVATIONS (PTY) LTD	2024247283	TOMI ENVIRONMENTAL SOLUTIONS, INC.
2024241785	CYRUS BIOTECHNOLOGY, INC.	2024247326	YIGONG RUIXIN (FUJIAN) ENGINEERING RESEARCH CENTER CO., LTD.; YIGONG RUIXIN (XIAMEN) TECHNOLOGY CO., LTD
2024242081	PRIME GENE THERAPEUTICS CO., LTD.	2024247748	DEDI CORP.
2024242138	CYBIN UK LTD	2024247977	PLURISTYX, INC.
2024242227	DUKE UNIVERSITY; SOUTHWELL, D.	2024248022	YIGONG RUIXIN (XIAMEN) TECHNOLOGY CO., LTD
2024242230	SHANGHAI DUOMIRUI BIOTECHNOLOGY., LTD.	2024248084	KANO THERAPEUTICS INC.
2024242291	HANGZHOU PRINT FLOORING TECHNOLOGY CO., LTD.	2024248157	JUBILANT DRAXIMAGE INC.
2024242305	STUDIO AUTOMATED SPORT & MEDIA HOLDING B.V.	2024248317	SHENZHEN SHENXIN BIOTECHNOLOGY CO., LTD.
2024242307	OCEAN DEGREE YACHT SERVICES PTY LTD	2024248694	SIR NAGEN THERAPEUTICS INCORPORATED
2024242609	SANOFI	2024248790	KENVUE BRANDS LLC
2024242642	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2024248975	CELLULAR LONGEVITY, INC.
2024242763	YIGONG RUIXIN (XIAMEN) TECHNOLOGY CO., LTD.	2024249297	KADELCO PTY LTD
2024242859	KANEKA CORPORATION	2024249563	YIGONG RUIXIN (XIAMEN) TECHNOLOGY CO., LTD
		2024249590	MEQ PROBE PTY LTD
		2024249644	THE CLEVELAND CLINIC FOUNDATION
		2024249677	JIANGSU HANSO PHARMACEUTICAL GROUP CO., LTD.; SHANGHAI HANSO BIOMEDICAL CO., LTD.
		2024249683	ASP HEALTH INC.; PLANET INNOVATION

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2024249829	PHLAIR GMBH	2024260074	CYTOMOS LIMITED
2024250017	MUNDKUR, J.R.	2024260174	PROTECHNA S.A.
2024250567	BONZA MUSIC LIMITED	2024260197	ENZENE BIOSCIENCES LIMITED
2024250576	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2024260234	UNIVERSITAT DE BARCELONA; INSTITUT DE RECERCA BIOMÈDICA DE BELLVITGE; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS
2024250819	ABIOMED, INC.	2024260247	ECOLAB USA INC.
2024250929	KISOJI BIOTECHNOLOGY INC.	2024260398	GREEN GEN TECHNOLOGIES
2024250977	ZINCO VERDE INC.	2024260632	INTEGRATED DNA TECHNOLOGIES, INC.
2024251002	MARQUETTE UNIVERSITY	2024260700	NURIX THERAPEUTICS, INC.
2024251148	VERAI SYSTEMS, LLC	2024260717	ATG ACCESS LTD
2024251690	GENZYME CORPORATION	2024260900	KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY
2024251729	REVOLUTION MEDICINES, INC.	2024260912	ADEIA GUIDES INC.
2024252324	BIGFOOT BIOMEDICAL, INC.	2024260979	PHARMABIOME AG
2024252329	GENERAL MILLS, INC.	2024261019	THE SCRIPPS RESEARCH INSTITUTE
2024252428	AV-CONNECT, INC.	2024261090	VANTAGE SPECIALTY INGREDIENTS, INC.
2024252481	GENOME#COMPANY, INC.	2024261332	INKBOX INK INCORPORATED
2024252488	JAJAL, K.	2024261375	ACTERA INGREDIENTS, INC.
2024252899	POSEIDA THERAPEUTICS, INC.	2024261382	SEISMIC THERAPEUTIC, INC.
2024253032	SIGMA COMPUTING, INC.	2024261418	SHOALS TECHNOLOGIES GROUP, LLC
2024253436	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2024261426	UNIVERSITY OF OTTAWA
2024253536	FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH	2024261434	INSTITUTE FOR SYSTEMS BIOLOGY
2024253661	PROSCIEN TO, INC.	2024261438	LU, K.
2024253668	REVOLUTION MEDICINES, INC.	2024261439	HUAWEI TECHNOLOGIES CO., LTD.
2024253844	FRONIUS INTERNATIONAL GMBH	2024261445	ATG ACCESS LTD
2024254021	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2024261546	METHYLENNIUM ENERGY CORP.
2024254125	ACERTA PHARMA B.V.	2024261601	COMPOCITY KORLÁTOLT FELELŐSÉGŰ TÁRSASÁG
2024254498	DEPUY IRELAND UNLIMITED COMPANY	2024261612	WHELEN ENGINEERING COMPANY, INC.; WHELEN ENGINEERING COMPANY, INC.
2024254535	BEONE MEDICINES I GMBH	2024261681	VILMORIN & CIE
2024254947	SAINT-GOBAIN ISOVER	2024261711	DURAND, M.; MARCOTTE, H.
2024255108	PEARL HEALTH, INC.	2024261714	BEISTAR CZ, S.R.O.
2024255442	CONOCOPHILLIPS COMPANY	2024261760	PROVERUM LIMITED
2024255597	TENVIE THERAPEUTICS, INC.	2024261810	MERCK SHARP & DOHME LLC
2024255727	GLENCORE LTD.	2024261843	CELLATOZ THERAPEUTICS, INC.
2024255810	MERCK SHARP & DOHME LLC	2024261962	MERCK SHARP & DOHME LLC
2024255916	BLUEPRINT MEDICINES CORPORATION	2024261970	ELEVA GMBH
2024256284	PLASMICS GMBH	2024262008	THE A2 MILK COMPANY LIMITED
2024256432	HANGZHOU PRINT FLOORING TECHNOLOGY CO., LTD.	2024262094	INKBOX INK INCORPORATED
2024257115	PERFUSI B.V.	2024262103	PROVERUM LIMITED
2024257130	BREX INC.	2024262198	INVENTIO AG
2024257188	APTARGROUP INC.	2024262208	TRITIUM POWER SOLUTIONS PTY LTD
2024257340	ACADEMISCH ZIEKENHUIS LEIDEN (H.O.D.N. LUMC)	2024262218	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
2024257408	HANGZHOU PRINT FLOORING TECHNOLOGY CO., LTD.	2024262341	VETVIVA RICHTER GMBH
2024257479	HUSQVARNA AB	2024262703	ZENAS BIOPHARMA, INC.
2024257602	LIER CHEMICAL CO., LTD.	2024262750	AGSCENT PTY LTD
2024257603	CELYN THERAPEUTICS, INC.	2024262795	NESTED THERAPEUTICS, INC.
2024257747	LYSOWAY THERAPEUTICS, INC.	2024262856	VITAL BIOSCIENCES INC.
2024257749	KALLYOPE, INC.	2024262870	UNIVERSITY OF CINCINNATI
2024257755	SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES	2024262898	ECOLAB USA INC.
2024257980	ACADEMISCH ZIEKENHUIS LEIDEN (H.O.D.N. LUMC)	2024263044	JURA ELEKTROAPPARATE AG
2024258442	HANGZHOU PRINT FLOORING TECHNOLOGY CO., LTD.	2024263154	METABOLON INC.
2024258461	NEUVIVO, INC.	2024263175	SUMITOMO CHEMICAL COMPANY, LIMITED
2024258735	SIEMENS MOBILITY GMBH	2024263322	YALE UNIVERSITY
2024258744	PAYPAL, INC.	2024263325	RESMED PTY LTD
2024258754	CORNELL UNIVERSITY	2024263367	CSPC MEGALITH BIOPHARMACEUTICAL CO., LTD.
2024259188	BLOCK, INC.	2024263377	GUANGZHOU CELLPROTEK PHARMACEUTICAL CO., LTD
2024259222	HUSSMANN CORPORATION	2024263415	HELMACAB OY
2024259402	WORKEY LIMITED	2024263416	ORIGIN TECH LTD
2024259472	PETER MACCALLUM CANCER INSTITUTE	2024263484	DIVERSITY TECHNOLOGIES CORPORATION
2024259512	SOUFFLET VIGNE	2024263618	CHEVRON U.S.A. INC.; CHEVRON AUSTRALIA PTY LTD; ADVANCED INNERGY LTD
2024259934	IMI HYDRONIC ENGINEERING INTERNATIONAL SA	2024263657	PUBLIC UNIVERSITY CORPORATION NARA MEDICAL UNIVERSITY; KM BIOLOGICS CO., LTD.
2024259977	NUCOR CORPORATION	2024263877	HUAWEI TECHNOLOGIES CO., LTD.
2024260007	ECOLAB USA INC.	2024263913	KIRIN HOLDINGS KABUSHIKI KAISHA
2024260041	RESONAC CORPORATION	2024263920	SAGA DIAGNOSTICS AB
2024260066	ANCORA HEART, INC.	2024263938	THE A2 MILK COMPANY LIMITED

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2024264011	NOVO NORDISK A/S	2024268132	BIOGEN MA INC.
2024264093	ECOLAB USA INC.	2024268154	ANGELINI PHARMA S.P.A.
2024264100	EXACT SCIENCES INNOVATION LTD.	2024268255	INSMED INCORPORATED
2024264109	ROCKET SCIENCE HEALTH CORP.	2024268264	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.
2024264153	VANUDIS GMBH		
2024264182	ECOLAB USA INC.	2024268447	SAFETRACK INFRASTRUCTURES SISAB AB
2024264260	MARENGO THERAPEUTICS, INC.	2024268964	MRX MEDICAL LIMITED
2024264265	JAPAN INSTITUTE FOR HEALTH SECURITY; SUMITOMO PHARMA CO., LTD.	2024268973	OTOS HEALTH OY
		2024269069	LINDE GMBH
2024264447	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2024269232	AMGEN INC.
2024264533	ADAMA AGAN LTD.	2024269492	SEQIRUS INC.
2024264771	GENSIGHT BIOLOGICS	2024269544	POSEIDA THERAPEUTICS, INC.
2024264802	GENSIGHT BIOLOGICS	2024269632	NEURON23, INC.
2024264830	OSPEDALE SAN RAFFAELE S.R.L.; FONDAZIONE TELETHON ETS; UNIVERSITÀ VITA-SALUTE SAN RAFFAELE	2024269633	SAFEGRID OY
		2024269713	BLOCK, INC.
2024264868	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2024269808	RAYTHEON COMPANY
2024264889	SANA BIOTECHNOLOGY, INC.	2024269920	MARSH, D.F.
2024264943	MONASH UNIVERSITY	2024270006	ELI LILLY AND COMPANY; MASSACHUSETTS INSTITUTE OF TECHNOLOGY
2024264976	BIELLA, V.		
2024264984	RESMED PTY LTD	2024270268	AUTOSTORE TECHNOLOGY AS
2024265032	JENOPTIK ROBOT GMBH	2024270269	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC EXPLORATION & PRODUCTION RESEARCH INSTITUTE
2024265063	VIANODE AS		
2024265088	VOLZ SURGICAL CONSULTING INC.	2024270296	CYBIN IRL LIMITED
2024265254	AMGEN INC.	2024270523	FIELD ORTHOPAEDICS PTY LTD
2024265357	PACCAR INC	2024270538	URGO RECHERCHE INNOVATION ET DEVELOPEMENT
2024265361	SIEMENS MOBILITY GMBH		
2024265472	SEED THERAPEUTICS, INC	2024270788	CLADE THERAPEUTICS, INC.
2024265505	ALPHA TAU MEDICAL LTD.	2024270831	KABUSHIKI KAISHA TOSHIBA
2024265529	FD IP & LICENSING LLC	2024270901	ALFA LAVAL CORPORATE AB
2024265564	ONCORENA AB	2024270970	GEORGE TFE SCP
2024265655	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2024271009	WAYNE FUELING SYSTEMS LLC
		2024271018	MARS, INCORPORATED
2024265712	AIMMAX THERAPEUTICS, INC.	2024271138	INJECTO GROUP A/S
2024265761	JENOPTIK ROBOT GMBH	2024271182	THE HEALTHY AGING COMPANY; UNIVERSITY OF SOUTH FLORIDA
2024265848	MCELWEE, S.; MCELWEE, A.; WALZ, J.		
2024265956	FRONTIER MEDICINES CORPORATION	2024271436	SANGAMO THERAPEUTICS, INC.
2024266044	AURIGENE ONCOLOGY LIMITED	2024271507	INSULET CORPORATION
2024266047	ISP INVESTMENTS LLC	2024271605	GENMAB A/S; BIONTECH SE
2024266094	RIGENERA DI SFRECOLA COSIMO DAMIANO	2024271661	AMERICAN STERILIZER COMPANY
2024266099	AMGEN INC.	2024271708	GENELEC OY
2024266138	MANIFOLD BIOTECHNOLOGIES, INC.	2024271748	POSEIDA THERAPEUTICS, INC.
2024266219	CATERPILLAR GLOBAL MINING LLC	2024271842	TWO BIRDS LANDSCAPING AND ENVIRONMENTAL SOLUTIONS PTY LTD
2024266221	IMMUNIC AG		
2024266309	BLUE FRONTIER INC.	2024271909	ROCK BIOMEDICAL INC.
2024266326	IMMUNORACLE INC.	2024271928	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE; UNIVERSITE D'ANGERS; NANTES UNIVERSITÉ; UNIVERSITE PARIS-SACLAY
2024266437	VALE S.A.; UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL – UFRGS		
		2024272012	ASCLETIS PHARMA (CHINA) CO., LIMITED
2024266569	ROLAUFFS, B.	2024272036	MESO SCALE TECHNOLOGIES, LLC.
2024266582	MCINTYRE, J.	2024272074	UNIVERSITY OF SOUTH FLORIDA
2024266594	RESMED MOTOR TECHNOLOGIES INC.	2024272486	KAWASAKI JUKOGYO KABUSHIKI KAISHA
2024266671	CAPSIGEN INC.; OREGON HEALTH & SCIENCE UNIVERSITY	2024272526	CONOCOPHILLIPS COMPANY
		2024272553	INSITRO, INC.
2024266689	RESMED MOTOR TECHNOLOGIES INC.	2024272754	IPSEN BIOPHARM LIMITED
2024267174	CHOSA ONCOLOGY AB	2024272822	SWIMC LLC
2024267362	GEN-PROBE INCORPORATED	2024272928	FISKHER AS
2024267377	VILJAMAA, M.	2024272975	AMERICAN STERILIZER COMPANY
2024267503	VICTAULIC COMPANY	2024273014	BLOSSOMHILL THERAPEUTICS, INC.
2024267538	CYTOMOS LIMITED	2024273029	HYSATA PTY LTD
2024267583	BIOATLA, INC.	2024273059	GECO STRATEGIC WEED MANAGEMENT INC.
2024267695	SHARKNINJA OPERATING LLC	2024273077	ODYSSEY THERAPEUTICS, INC.
2024267726	DUCENTIS BIOTHERAPEUTICS LIMITED	2024273265	JAZZ PHARMACEUTICALS RESEARCH UK LIMITED
2024267789	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION; THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2024273418	ABBOTT DIABETES CARE INC.
		2024273512	AMERICAN STERILIZER COMPANY
2024267960	RECKITT BENCKISER LLC	2024273586	METIX (PROPRIETARY) LIMITED
2024268013	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2024273650	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
2024268049	PRECISION NEUROSCIENCE CORPORATION		
2024268078	INFINIUM TECHNOLOGY, LLC	2024273686	STEPAN COMPANY
2024268107	NATIONAL UNIVERSITY CORPORATION UNIVERSITY OF TOYAMA	2024273810	CALIFORNIA INSTITUTE OF TECHNOLOGY

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2024273874	METIX (PROPRIETARY) LIMITED	2024285985	JOHNSON MATTHEY DAVY TECHNOLOGIES LIM- ITED
2024273902	AMERICAN STERILIZER COMPANY	2024286162	EXCELSIOR PHARMATECH LABS.
2024274127	SANGAMO THERAPEUTICS, INC.	2024286464	OWENS-BROCKWAY GLASS CONTAINER INC.
2024274231	CLEAN CHEMISTRY, INC.	2024286668	HORTON, INC.
2024274303	PPG INDUSTRIES OHIO, INC.	2024287653	THE UNIVERSITY OF TOKYO; SALT SAVER CO. LTD.
2024274381	TERUMO BCT, INC.	2024289619	BOSTON SCIENTIFIC NEUROMODULATION COR- PORATION
2024274397	SYNDAX PHARMACEUTICALS, INC.	2024291845	SIKA TECHNOLOGY AG
2024274433	ABBOTT DIABETES CARE INC.	2024294271	LENOVO (SINGAPORE) PTE. LTD.
2024274464	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.	2024295487	RIO TINTO ALCAN INTERNATIONAL LIMITED
2024274676	CAN TECHNOLOGIES, INC.	2024298860	ASAHI GROUP HOLDINGS, LTD.
2024274994	SVAR LIFE SCIENCE AB	2024299016	NEXT CORE TECHNOLOGIES, INC.
2024274999	MERZ THERAPEUTICS GMBH	2024301262	BIAL - PORTELA & CA., S.A.
2024275020	RYVU THERAPEUTICS S.A.	2024301695	NALESSO, F.; CAPPELLO, A.; SCHIAVON, F.; CALÒ, L.
2024275103	ALTERYX, INC.	2024302269	AMGEN INC.
2024275258	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2024302527	ARNATAR THERAPEUTICS, INC
2024275334	CAN TECHNOLOGIES, INC.	2024302864	VARIAN MEDICAL SYSTEMS, INC.
2024275646	MOZART THERAPEUTICS, INC.	2024302918	BOSTON SCIENTIFIC SCIMED, INC.
2024275989	FABRUM IP HOLDINGS LIMITED	2024303561	ALCON INC.
2024276120	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2024303991	QUALCOMM INCORPORATED
2024276174	SCIENTIA VASCULAR, INC.	2024304052	NANJING CHERVON INDUSTRY CO., LTD.
2024276256	SOPHIA GENETICS SA	2024304188	BRUKER SPATIAL BIOLOGY, INC.
2024276277	AEROTECH AUSTRALIA PTY LTD	2024304377	OWENS-BROCKWAY GLASS CONTAINER INC.
2024276400	DL CRIMSON DYNAMICS TECHNOLOGY CO., LTD.	2024304552	BOSTON SCIENTIFIC SCIMED, INC.
2024276494	LAWLEY PHARMACEUTICALS PTY LTD.	2024305460	JOHNSON MATTHEY DAVY TECHNOLOGIES LIM- ITED
2024276742	TRASIS SA	2024307018	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.
2024276790	JOHNSON MATTHEY PUBLIC LIMITED COMPANY	2024307048	QUALCOMM INCORPORATED
2024276974	THE UNIVERSITY OF OSAKA	2024307493	NATUS ACQUISITION II, LLC
2024277393	OMRON CORPORATION	2024307690	TRADING TECHNOLOGIES INTERNATIONAL, INC.
2024277576	MERZ AESTHETICS GMBH	2024307957	NIPPON FIBER CORPORATION
2024277647	JUSTRITE MANUFACTURING COMPANY, LLC DBA JUSTRITE SAFETY GROUP	2024308057	SUMITOMO SEIKA CHEMICALS CO., LTD.
2024277668	QUNNECT, INC.	2024308276	ELI LILLY AND COMPANY
2024277733	CULLINAN MICA CORPORATION	2024308350	TRADING TECHNOLOGIES INTERNATIONAL, INC.
2024278721	BAOSHAN IRON & STEEL CO., LTD.	2024308962	DTN, LLC
2024278999	VANDA PHARMACEUTICALS INC.	2024309857	ELECTROLUX APPLIANCES AKTIEBOLAG
2024279046	INVENTORY SYSTEMS GMBH	2024311146	LAYERLOGIC AB
2024279617	UPCON CORPORATION	2024311509	RAYO 3D BIOTECH OY
2024279964	LIBERATE BIO, INC.	2024311612	ALCON INC.
2024279968	MOLEAER, INC.	2024311817	SAINT-GOBAIN PLACO
2024280090	CURE TECHNOLOGY B.V.	2024311875	ALCON INC.
2024280334	BAOSHAN IRON & STEEL CO., LTD.	2024312446	ALCON INC.
2024280493	GILEAD SCIENCES, INC.	2024312896	SMT MEDICAL CO., LTD.
2024280662	STEPAN COMPANY	2024313465	SANDVIK MINING AND CONSTRUCTION TOOLS AB
2024280680	CATTLE EYE LTD.	2024314277	AUGUSTINE THERAPEUTICS
2024280735	CHR. HANSEN A/S	2024314294	HALLIBURTON ENERGY SERVICES, INC.
2024280796	ZEALAND PHARMA A/S	2024314616	ALCON INC.
2024280821	SUNTORY HOLDINGS LIMITED	2024314678	ACIST MEDICAL SYSTEMS, INC.
2024281188	GRAPHIC PACKAGING INTERNATIONAL, LLC	2024314728	ALCON INC.
2024281548	GILEAD SCIENCES, INC.	2024314801	HALLIBURTON ENERGY SERVICES, INC.
2024281829	RIO TINTO ALCAN INTERNATIONAL LIMITED	2024318969	GEORGIA-PACIFIC GYPSUM LLC
2024281923	ABBISKO THERAPEUTICS CO., LTD.	2024320706	CHR. HANSEN A/S
2024282321	HENKEL AG & CO. KGAA	2024326570	THE WELLBOSS COMPANY, LLC
2024282671	ZODIAC POOL SYSTEMS LLC	2024330108	KOMATSU LTD.
2024282711	MYBANDI.CO PTY LTD	2024330683	KOMATSU LTD.
2024282839	RECURSION PHARMACEUTICALS, INC.	2024335339	KOMATSU LTD.
2024282853	ZEALAND PHARMA A/S	2024335379	CHR. HANSEN A/S
2024283039	CHR. HANSEN A/S	2024339215	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024283211	SLUMBERTREK AUSTRALIA PTY LTD	2024382243	GOSS, A.
2024283241	NANJING CHERVON INDUSTRY CO., LTD.	2024399194	LG ENERGY SOLUTION, LTD.
2024283314	F. HOFFMANN-LA ROCHE AG	2024400247	CASBIO (S) PTE. LTD.
2024283333	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	2024409602	ONTON TECHNOLOGY CO., LTD.
2024283373	OWENS-BROCKWAY GLASS CONTAINER INC.	2024413642	AA DEVELOPMENT LIMITED
2024283382	GILEAD SCIENCES, INC.	2024417778	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024283388	HANGZHOU SCIWIND BIOSCIENCES CO., LTD.; SCIWIND BIOSCIENCES (BEIJING) CO., LTD.	2024427227	BEIJING SUNGEN BIOMEDICAL TECHNOLOGY CO., LTD.
2024284887	JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG, IN VERTRETUNG DES FREISTAATES BAYERN	2024430246	GUANGZHOU XIN'AN TRADING CO., LTD.
2024284908	ALCON INC.	2024430249	GUANGZHOU XIN'AN TRADING CO., LTD.
2024285247	AGCO DO BRASIL SOLUÇÕES AGRÍCOLAS LTDA.	2024433049	NAVSYS CORPORATION; BROWN, A.
2024285937	LANDIS+GYR TECHNOLOGY, INC.	2024433088	VIASAT, INC.

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2025202905	BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.
2025219083	COLOSSAL BIOSCIENCES INC.
2025222912	CASBIO (S) PTE. LTD.
2025252539	BASSERU CHEMICAL CO., LTD.

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<u>A01B 39 I/-</u>	<u>A01M 21 I/-</u>	<u>A23C 11 I/-</u>	<u>A23L 23 I/-</u>	<u>A47K 5 I/-</u>	<u>A61B 50 I/-</u>
2023442924	2023442924	2024320706	2024287653	2024244305	2024248157 2024264093
<u>A01B 63 I/-</u>	<u>A01M 7 I/-</u>	<u>A23C 19 I/-</u>	<u>A23L 27 I/-</u>	<u>A47L 13 I/-</u>	<u>A61B 6 I/-</u>
2024285247	2024273059	2024280735	2024287653	2024282711	2023453786 2024273512 2024276742
<u>A01B 79 I/-</u>	<u>A01M 9 I/-</u>	<u>A23C 20 I/-</u>	<u>A23L 33 I/-</u>	<u>A47L 15 I/-</u>	<u>A61B 8 I/-</u>
2024273059	2024273059	2024320706 2024335379	2024260979 2024262008 2024263938 2024274676 2024276120 2024287653 2024298860	2023439246 2023442547 2023442969 2024264182	2024257115
<u>A01C 1 I/-</u>	<u>A01N 1 I/-</u>	<u>A23C 9 I/-</u>	<u>A23L 7 I/-</u>	<u>A61B 1 I/-</u>	<u>A61B 90 I/-</u>
2024244307	2024273686	2024262008 2024263938	2024252329 2024274676 2024287653	2024260007 2024260247 2024262898 2024264093 2024264182 2024268973	2024260247 2024262898 2024264093 2024264182 2024273902 2024284908 2024303561 2024312896 2024314678
<u>A01D 34 I/-</u>	<u>A01N 25 I/-</u>	<u>A23G 3 I/-</u>	<u>A23P 30 I/-</u>	<u>A61B 10 I/-</u>	<u>A61C 7 I/-</u>
2023442924 2023456280 2024283241	2024266047 2024274231 2024280662	2024243485 2024244459 2024287653	2024243485 2024244459 2024252329	2024262750	2024246153
<u>A01G 17 I/-</u>	<u>A01N 37 I/-</u>	<u>A23G 9 I/-</u>	<u>A42B 3 I/-</u>	<u>A61B 17 I/-</u>	<u>A61C 8 I/-</u>
2023442924	2024259512 2024266047 2024274231	2024430246 2024430249	2024270970	2024243029 2024264093 2024270523 2024272074 2024284908	2024246153
<u>A01G 25 I/-</u>	<u>A01N 43 I/-</u>	<u>A23J 3 I/-</u>	<u>A44B 11 I/-</u>	<u>A61B 18 I/-</u>	<u>A61F 13 I/-</u>
2024257479	2024257602 2024259512 2024264533	2024335379	2024246875	2024245116 2024272074	2023446664 2024308057
<u>A01G 3 I/-</u>	<u>A01N 47 I/-</u>	<u>A23K 10 I/-</u>	<u>A45C 7 I/-</u>	<u>A61B 3 I/-</u>	<u>A61F 2 I/-</u>
2023442924	2024264533	2024271018	<u>A45C 9 I/-</u>	2024284908 2024307493	2024241734 2024243029 2024245309 2024252488 2024254498 2024260066 2024261760 2024262103 2024270523 2024302918 2024304552
<u>A01G 7 I/-</u>	<u>A01N 59 I/-</u>	<u>A23K 20 I/-</u>	<u>A46B 5 I/-</u>	<u>A61B 34 I/-</u>	<u>A61F 9 I/-</u>
2024277393	2024259512 2024273686 2024274231	2024271018 2024274676	2024241705	2024284908	2024311612 2024311875 2024312446 2024314616 2024314728
<u>A01H 5 I/-</u>	<u>A01P 1 I/-</u>	<u>A23K 40 I/-</u>	<u>A46B 9 I/-</u>	<u>A61B 5 I/-</u>	<u>A61G 1 I/-</u>
2024261681	2024274231	2024271018	2024257408	2023447186 2024243029 2024246099 2024251002 2024252324 2024255108 2024260066 2024262750 2024266594 2024268049 2024268973 2024273418 2024274433 2024276974 2024289619 2024302864 2024400247	2024265088
<u>A01H 6 I/-</u>	<u>A01P 13 I/-</u>	<u>A23K 50 I/-</u>	<u>A47C 20 I/-</u>	<u>A61G 13 I/-</u>	
2024261681	2024264533	2024271018 2024274676 2024275334	<u>A47F 5 I/-</u>		
<u>A01K 1 I/-</u>	<u>A01P 3 I/-</u>	<u>A23L 11 I/-</u>	<u>A47J 31 I/-</u>		
2025219083	2024259512	2024320706 2024335379	2024263044		
<u>A01K 11 I/-</u>	<u>A01P 7 I/-</u>	<u>A23L 13 I/-</u>	<u>A47J 37 I/-</u>		
2024280680	2024257602	2024287653	2024267695		
<u>A01K 29 I/-</u>	<u>A22B 5 I/-</u>	<u>A23L 17 I/-</u>	<u>A47K 10 I/-</u>		
2024235075 2024262750	2024249590	2024287653 2024298860			
<u>A01K 39 I/-</u>	<u>A22C 17 I/-</u>				
2024235075	2024249590				
<u>A01K 61 I/-</u>	<u>A23B 7 I/-</u>				
2024272928	2024274231 2024287653				
<u>A01K 67 I/-</u>					
2024246336 2024262750 2024264976					

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2024273902	2024314277	2024271909	2024249644		2024261426
A61G 15 /-	A61K 33 /-	2024274397	2024250977	A61N 1 /-	2024262008
		2024275646	2024257603		2024263322
2024272975	2024250977	2024277733	2024257749	2024242642	2024263377
A61G 7 /-	2024258461	2024283314	2024258461	2024244940	2024266671
	2024276277	2024302269	2024262341	2024246099	2024267726
			2024264889	2024272074	2024268132
2024271661	A61K 35 /-	A61K 45 /-	2024265712	2024289619	2024268154
2024272975			2024267174	2024304552	2024269632
	2024241734	2024242138	2024268964	A61N 2 /-	2024270296
A61J 1 /-	2024247977	2024246525	2024270296		2024271182
	2024257603	2024253436	2024270538	2024264771	2024271436
2024271138	2024259472	2024266221	2024271928		2024272754
2024276742	2024260979	2024268132	2024272754	A61N 5 /-	2024273265
	2024261843	2024271182	2024274999		2024274999
A61K 31 /-	2024262008	2024286162	2024276277	2024248157	2024278999
	2024263938	A61K 47 /-	2024276494	2024264771	2024283314
2023441454	2024264889		2024279964	2024264802	2024301262
2024242081	2024274127	2024248790	2024283388	2024265505	2024314277
2024242138	2024276120	2024248975	A61L 15 /-	A61P 1 /-	A61P 29 /-
2024245030	A61K 36 /-	2024249644			
2024248790		2024250929	2024270538	2024245208	2024242081
2024249644	2024275334	2024252481	A61L 2 /-	2024246525	2024257755
2024249677	2024276277	2024254021		2024263938	2024260700
2024253436		2024257749	2024247283	2024266221	2024264943
2024254021	A61K 38 /-	2024258461	2024260007	2024274676	2024265712
2024254535		2024261426	2024264093	2024275334	2024266044
2024255916	2024241785	2024261810	2024264182	2024280796	2024266221
2024257603	2024244840	2024261962	A61L 27 /-	2024282853	2024268964
2024257747	2024246525	2024262341		A61P 11 /-	2024269232
2024257749	2024248975	2024263367	2024241734		2024271928
2024257755	2024255810	2024264260	2024277576	2024274397	2024272012
2024260234	2024262008	2024264265	2024311509	2024286162	2024282839
2024260700	2024263657	2024264889	A61L 31 /-	2024427227	2024314277
2024261019	2024263938	2024265712		A61P 15 /-	A61P 3 /-
2024262341	2024264011	2024268255	A61L 31 /-		
2024262795	2024264830	2024268964		2024276494	2024246994
2024263322	2024264943	2024270296	2024265505		2024264889
2024263367	2024266138	2024271928	A61M 1 /-	A61P 17 /-	2024275334
2024263377	2024267583	2024276494			2024281923
2024265472	2024267726	2024279964	2024301695	2024260234	2024283388
2024265712	2024269492	2024283388	A61M 15 /-	2024270538	A61P 31 /-
2024266044	2024271182	A61K 48 /-		2024276277	
2024266099	2024272754		2024264109	2024280796	2024261019
2024266221	2024273810	2024248975	A61M 16 /-	2024282853	2024264265
2024267174	2024274999	2024258754		A61P 19 /-	2024283382
2024267789	2024280796	2024264830	2024263325		A61P 35 /-
2024268132	2024282853	2024266671	2024264984	2024257755	2023441454
2024268154	2024283388	2024271182	2024266594	2024268255	2024244603
2024268964			2024266689	2024276120	2024248975
2024269492	A61K 39 /-	A61K 49 /-	A61M 25 /-	2024278999	2024249644
2024269632				A61P 21 /-	2024250929
2024270296	2024242227	2024250929	2024243029		2024252481
2024270538	2024244603		2024276174	2024258461	2024253668
2024272012	2024244840	A61K 51 /-	A61M 36 /-	2024264943	2024254125
2024273014	2024244921			A61P 25 /-	2024254535
2024273265	2024250929	2024265505	2024248157		2024255916
2024274676	2024252481	2024265655	A61M 5 /-	2024241734	2024257340
2024275020	2024257340	A61K 8 /-		2024242138	2024259472
2024276120	2024257980			2024242227	2024260700
2024276277	2024259472	2024250977		2024253436	2024260979
2024276494	2024261382	2024261090		2024255597	2024261810
2024278999	2024261962	2024261332		2024257747	2024262218
2024281548	2024262218	2024261375	2023447186	2024257749	2024262795
2024281923	2024262703	2024262094	2023448067	2024257755	2024263154
2024282839	2024263657	A61K 9 /-	2023453287	2024258461	2024263367
2024283382	2024264153		2024248157		
2024286162	2024264260		2024252324		
2024301262	2024264265	2024248790	2024271507		
2024302527	2024270788	2024248975	2024276742		
2024307018	2024271605				
2024308276					

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2024264153	<u>A62C 37 I/-</u>	<u>B04B 11 I/-</u>	<u>B23K 1 I/-</u>	<u>B31B 50 I/-</u>	<u>B44C 3 I/-</u>
2024264260					
2024265472	2024277647	2024270901	2024268447	2024281188	2024246606
2024265505	<u>A63F 9 I/-</u>	<u>B04B 13 I/-</u>	<u>B23K 3 I/-</u>	<u>B32B 11 I/-</u>	<u>B44C 5 I/-</u>
2024265655					
2024265956	2024382243	2024270901	2024268447	2024318969	2024246606
2024266044					
2024266099	<u>B01D 1 I/-</u>	<u>B04B 5 I/-</u>	<u>B24D 13 I/-</u>	<u>B32B 13 I/-</u>	<u>B44F 9 I/-</u>
2024270788					
2024271605	2024269069	2024262856	2024257408	2024318969	2024246606
2024273650					
2024275020	<u>B01D 11 I/-</u>	<u>B04B 7 I/-</u>	<u>B25C 1 I/-</u>	<u>B32B 15 I/-</u>	<u>B60G 11 I/-</u>
2024277733					
2024281923	2024280090	2024262856	2024304052	2024278721	2024285247
2024282839		2024270901		2024280334	
2024284887	<u>B01D 21 I/-</u>		<u>B25C 5 I/-</u>	2024311146	<u>B60G 17 I/-</u>
2024302269		<u>B05B 1 I/-</u>			
2024307018	2024249297		2024304052	<u>B32B 27 I/-</u>	2024285247
2024314277		2023445936			
2024427227	<u>B01D 37 I/-</u>	<u>B05B 12 I/-</u>	<u>B25J 5 I/-</u>	2024266094	<u>B60G 3 I/-</u>
				2024311146	
<u>A61P 37 I/-</u>	2024266437		2023456280		
		2024257479		<u>B32B 3 I/-</u>	2024285247
2024241785	<u>B01D 53 I/-</u>		<u>B25J 9 I/-</u>		<u>B60G 99 I/-</u>
2024242081		<u>B05B 3 I/-</u>		2024256432	
2024260700	2024249829		2024276400		2024285247
2024261382	2024275258	2024257479		<u>B32B 37 I/-</u>	
2024266221			<u>B27D 1 I/-</u>		<u>B60H 1 I/-</u>
2024267726	<u>B01D 61 I/-</u>	<u>B05D 1 I/-</u>	2024244667	2024282321	
2024272012					2024265357
2024274397	2024260197	2024256432	<u>B29C 33 I/-</u>	<u>B32B 38 I/-</u>	
2024280796	<u>B01D 63 I/-</u>	2024260041			<u>B60K 1 I/-</u>
2024281548				2024256432	
2024281923	2024253536	<u>B05D 3 I/-</u>	2024242307	<u>B32B 5 I/-</u>	2024245627
2024282853		2024243132	<u>B29C 41 I/-</u>		
2024314277	<u>B01D 65 I/-</u>	<u>B05D 5 I/-</u>	2024253536	2023446664	<u>B60L 50 I/-</u>
				2024307957	
<u>A61P 43 I/-</u>	2024260197				2024245627
		2024243132	<u>B29C 48 I/-</u>	<u>B32B 7 I/-</u>	<u>B60L 53 I/-</u>
2024260979	<u>B01F 23 I/-</u>	2024257408			
2024263657			2024256284	2024282321	2023449567
	2024266437	<u>B05D 7 I/-</u>	<u>B29C 59 I/-</u>	2024311146	<u>B60Q 1 I/-</u>
<u>A61P 5 I/-</u>	<u>B01F 25 I/-</u>	2024260041			
			2024256432	<u>B32B 9 I/-</u>	2024261612
2024276494		<u>B07C 5 I/-</u>		2024311146	
<u>A61P 7 I/-</u>	2024266437		<u>B29C 64 I/-</u>		<u>B60Q 7 I/-</u>
		2023451291		<u>B33Y 10 I/-</u>	
2024262703	<u>B01J 20 I/-</u>		2024256284		2024261612
2024263657		<u>B08B 9 I/-</u>	2024258442	2024258442	
	2024308057		2024311509		<u>B60W 60 I/-</u>
<u>A61P 9 I/-</u>	<u>B01J 23 I/-</u>	2024249297	<u>B29C 70 I/-</u>	<u>B33Y 30 I/-</u>	
					2024252428
2024255810	2024276790	<u>B09B 3 I/-</u>		2024256284	
2024286162			2024242307		<u>B61C 15 I/-</u>
2024308276	<u>B01J 8 I/-</u>	2024261601	2024253536	<u>B33Y 50 I/-</u>	
2024314277					2024258735
	2023445936	<u>B21B 1 I/-</u>	<u>B29D 7 I/-</u>	2024258442	
<u>A61Q 19 I/-</u>	<u>B01L 3 I/-</u>	2024278721			<u>B61D 3 I/-</u>
		2024280334	2024242291	<u>B33Y 70 I/-</u>	
2024250977					2023463743
2024261090	2024208619		<u>B29K 307 I/-</u>	2024311509	
2024261332	2024249683	<u>B22D 11 I/-</u>			<u>B62D 27 I/-</u>
2024262094	2024267538		2024242307	<u>B41M 5 I/-</u>	
	2024272036	2024299016			2024264868
<u>A61Q 5 I/-</u>	<u>B02C 1 I/-</u>	<u>B22D 41 I/-</u>	<u>B29L 31 I/-</u>	2024244667	
					<u>B62D 33 I/-</u>
2024261375		2024281829	2024242307	<u>B41M 7 I/-</u>	
<u>A62B 18 I/-</u>	2023386046			2024244667	2024264868
	<u>B04B 1 I/-</u>	<u>B22D 43 I/-</u>	<u>B31B 100 I/-</u>		
2024264984			2024281188	<u>B42D 25 I/-</u>	<u>B62D 63 I/-</u>
	2024270901	2024281829			2023456280
				2024243132	

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<u>B63B 15 /-</u>	<u>B65D 88 /-</u>	<u>C02F 3 /-</u>	<u>C07C 271 /-</u>	<u>C07D 311 /-</u>	<u>C07D 451 /-</u>
2024242307	2024399194	2024279968	2024279964	2024280493	2024255916
<u>B63B 17 /-</u>	<u>B65F 1 /-</u>	<u>C03B 29 /-</u>	<u>C07C 311 /-</u>	<u>C07D 317 /-</u>	<u>C07D 453 /-</u>
2024245627	2024261601	2024286464	2024263154	2024257755	2024255916
<u>B63B 21 /-</u>	<u>B65G 1 /-</u>	<u>C03B 3 /-</u>	<u>C07C 43 /-</u>	2024263154	2024279964
2024244515	2025202905	2024304377	2024242859	2024268154	<u>C07D 471 /-</u>
<u>B63B 34 /-</u>	<u>B66B 21 /-</u>	<u>C03B 5 /-</u>	<u>C07C 7 /-</u>	<u>C07D 333 /-</u>	2024254125
2024242307	2024262198	2024254947	2024272526	2024268154	2024257747
<u>B63B 35 /-</u>	<u>B66B 23 /-</u>	2024283373	<u>C07D 207 /-</u>	<u>C07D 401 /-</u>	2024257749
2024242307	2024262198	2024286464	2024279964	2024251729	2024265472
2024245627	<u>B66B 31 /-</u>	<u>C03B 9 /-</u>	<u>C07D 209 /-</u>	2024255916	2024265956
<u>B64C 39 /-</u>	2024262198	2024286464	2024257602	2024257747	2024266099
2023457859	<u>B66C 23 /-</u>	<u>C04B 111 /-</u>	2024257747	2024257755	2024272012
<u>B65B 3 /-</u>	2024244867	2024311817	2024265472	2024260700	2024273265
2024249683	<u>B67B 7 /-</u>	<u>C04B 18 /-</u>	<u>C07D 211 /-</u>	2024266044	2024275020
<u>B65B 7 /-</u>	2024259402	2024291845	2024251729	2024266099	2024280493
2024249683	<u>B67D 1 /-</u>	<u>C04B 26 /-</u>	2024263154	2024272012	2024282839
<u>B65D 1 /-</u>	2024261711	2024311817	2024279964	2024281548	<u>C07D 473 /-</u>
2024262856	<u>B82Y 20 /-</u>	<u>C04B 28 /-</u>	<u>C07D 213 /-</u>	2024281923	<u>C07D 487 /-</u>
<u>B65D 17 /-</u>	2024277668	2024318969	<u>C07D 403 /-</u>	2024283382	2024242081
2024246284	<u>B82Y 40 /-</u>	<u>C04B 41 /-</u>	2024251729	<u>C07D 405 /-</u>	2024254125
<u>B65D 23 /-</u>	2024311146	2024291845	2024257755	2024255916	2024265472
2024260398	<u>C01B 11 /-</u>	2024311817	2024263154	2024257747	2024265956
<u>B65D 3 /-</u>	2024258461	2024318969	2024265564	2024265472	2024282839
2024260398	<u>C01B 3 /-</u>	<u>C05F 17 /-</u>	2024268154	2024265655	2024301262
<u>B65D 39 /-</u>	2024249829	2024261601	<u>C07D 221 /-</u>	2024272012	2024307018
2024246284	2024261546	2024263154	<u>C07D 409 /-</u>	<u>C07D 491 /-</u>	
2024271138	2024285985	2024250576	<u>C07D 405 /-</u>	2024254535	
<u>B65D 47 /-</u>	<u>C01B 32 /-</u>	2024255597	<u>C07D 407 /-</u>	2024266099	
2024246284	2024265063	2024263154	2024268154	2024272012	
<u>B65D 5 /-</u>	<u>C01G 9 /-</u>	2024268154	<u>C07D 409 /-</u>	<u>C07D 493 /-</u>	
2024260398	2024250977	2024268154	2024265472	2024272012	
<u>B65D 51 /-</u>	<u>C02F 1 /-</u>	2024268154	2024269232	2024275020	
2024271138	2024279968	2024268154	2024272012	<u>C07D 493 /-</u>	
<u>B65D 77 /-</u>	<u>C02F 103 /-</u>	2024251729	<u>C07D 413 /-</u>	2024272012	
2024260174	2024249297	2024268154	2024251729	2024266099	
2024260398	<u>C02F 11 /-</u>	2024257755	2024255916	2024253668	
<u>B65D 85 /-</u>	2024249297	2024263154	2024265472	2024266044	
2024277647		2024257755	2024272012	2024266099	
		2024257755	2024281923	2024272012	
		2024257755	2024301262	<u>C07D 513 /-</u>	
		2024257755	<u>C07D 417 /-</u>	2024266044	
		2024257755	2024260700	2024266099	
		2024257755	2024265472	<u>C07D 519 /-</u>	
		2024257755	2024266044	2024257747	
		2024257755	2024269232	2024257749	
		2024257755	2024281923	2024275020	
		2024257755	2024263154		
		2024257755	2024268154		
		2024257755	2024279964		

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<u>C07F 5 /-</u>	2024274397 2024275646 2024277733 2024283314 2024302269 2024427227	<u>C08L 67 /-</u>	2024266094	<u>C09J 7 /-</u>	2024261332	<u>C12N 1 /-</u>	2024280735 2024335379	<u>C12N 9 /-</u>	2024241785 2024243923 2024244453 2024252899 2024260632 2024264100 2024264943 2024269544 2024271909 2025222912
2024264011 2024280493		<u>C08L 7 /-</u>	2023444111	<u>C09K 11 /-</u>	2024263415	<u>C12N 11 /-</u>	2024244840		
<u>C07F 9 /-</u>		<u>C08L 83 /-</u>	2024244307 2024282321	<u>C09K 8 /-</u>	2024263416 2024314801	<u>C12N 15 /-</u>	2024208619 2024242227 2024242230 2024243405 2024243923 2024245030 2024246336 2024247977 2024248084 2024248317 2024248694 2024250929 2024252899 2024258754 2024259472 2024260632 2024260900 2024262218 2024262870 2024263175 2024264100 2024264153 2024264265 2024264830 2024264976 2024266138 2024266671 2024269492 2024269544 2024271436 2024271748 2024271909 2024273810 2024274127 2024274994 2024302527 2024427227 2025222912	<u>C12P 19 /-</u>	2024273686
2024283382	<u>C07K 19 /-</u>	<u>C08L 97 /-</u>	2023443962 2023444111 2023444525	<u>C10G 2 /-</u>	2024268078 2024305460			<u>C12Q 1 /-</u>	
<u>C07H 1 /-</u>	2024244840 2024427227	<u>C09B 11 /-</u>	2023448383	<u>C10G 5 /-</u>	2024272526				2024208619 2024242609 2024242763 2024243779 2024246336 2024248022 2024249563 2024261434 2024261681 2024262870 2024263175 2024263920 2024264100 2024266138 2024267362 2024269632 2024273650 2024278999 2024304188 2025222912
2024270006	<u>C07K 5 /-</u>	<u>C09B 57 /-</u>	2023448383	<u>C10L 5 /-</u>	2024271842	<u>C11D 1 /-</u>			
<u>C07H 19 /-</u>	2024251729 2024267583	<u>C09D 11 /-</u>	2024243132 2024262094	<u>C11D 17 /-</u>	2024273686 2024280662	<u>C11D 3 /-</u>		<u>C12R 1 /-</u>	
<u>C07H 21 /-</u>		<u>C09D 133 /-</u>	2025252539	<u>C11D 7 /-</u>	2024267960	<u>C12C 12 /-</u>	2024263913	<u>C21B 11 /-</u>	2024273586 2024273874
2024270006	<u>C07K 1 /-</u>	<u>C09D 183 /-</u>	2025252539	<u>C11D 3 /-</u>	2024267960	<u>C12C 5 /-</u>	2024263913	<u>C21B 13 /-</u>	2024273586 2024273874
<u>C07K 14 /-</u>	2024255810 2024257340 2024257980 2024273810 2024280796 2024282853 2024302269	<u>C09D 191 /-</u>	2024244307	<u>C12C 7 /-</u>	2024263913	<u>C12N 5 /-</u>	2023439873 2024235548 2024246336 2024247977 2024259472 2024260900 2024261426 2024261843 2024263175 2024264889 2024271909 2024273650 2024274381		
2024241785 2024242230 2024244921 2024247977 2024255810 2024257340 2024257980 2024258754 2024261970 2024263175 2024264011 2024264153 2024267726 2024268255 2024269492 2024270788 2024271909 2024274127 2024283388 2024302269 2024427227	<u>C08F 110 /-</u>	<u>C09D 193 /-</u>	2025252539	<u>C12G 3 /-</u>	2024280821			<u>C21D 6 /-</u>	2024299016
	<u>C08F 8 /-</u>	<u>C09D 201 /-</u>	2024260041	<u>C12M 1 /-</u>	2024235548 2024242763 2024247326 2024248022 2024249563 2024251690 2024260197 2024274381 2024279968			<u>C22B 1 /-</u>	2024255727
	<u>C08G 65 /-</u>	<u>C09D 4 /-</u>	2024272822					<u>C22B 21 /-</u>	2024268107
	2024308057	<u>C09D 5 /-</u>	2024243132 2024244307 2024260041 2025252539					<u>C22B 26 /-</u>	2024255727
	<u>C08G 81 /-</u>	<u>C09D 7 /-</u>	2024243132 2024260041 2024272822						
	2024308057	<u>C09D 9 /-</u>	2024280090						
	<u>C08H 7 /-</u>	<u>C09J 175 /-</u>	2024282321						
	2023443962 2023444525								
	<u>C08J 11 /-</u>								
	2024280090								
<u>C07K 16 /-</u>	<u>C08J 5 /-</u>								
2024241683 2024244603 2024244921 2024245208 2024246994 2024247977 2024250929 2024252481 2024257340 2024257980 2024261382 2024261810 2024261962 2024262218 2024262703 2024263367 2024264260 2024264265 2024270788 2024271605 2024273077 2024273810	2023444525								
	<u>C08K 3 /-</u>								
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	<u>C08K 5 /-</u>								
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	2023444111 2024282321								
	<u>C08L 33 /-</u>								
	2024282321								

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2024255727	2023446664	2024282671	2024409602	2024273512	2023451390
<u>C22B 5 /-</u>	<u>D04H 11 /-</u>	<u>E06B 9 /-</u>	<u>E21F 13 /-</u>	<u>F16H 1 /-</u>	<u>F17C 9 /-</u>
2024273586	2023446664	2023452163	2023449567	2024314678	2023451390 2024269069
<u>C22B 7 /-</u>	<u>D06F 39 /-</u>	<u>E21B 1 /-</u>	<u>E21F 17 /-</u>	<u>F16J 15 /-</u>	<u>F17D 1 /-</u>
2024255727	2024247180	2024267377	2023449567 2024249297	2024430246 2024430249	2024275989
<u>C22B 9 /-</u>	<u>D06P 5 /-</u>	<u>E21B 10 /-</u>	<u>F01D 1 /-</u>	<u>F16K 1 /-</u>	<u>F17D 5 /-</u>
2024268107	2024280090	2024267377 2024313465	2024272486	2024259934	2024275989
<u>C22C 38 /-</u>	<u>E01D 19 /-</u>	<u>E21B 17 /-</u>	<u>F01D 25 /-</u>	<u>F16K 17 /-</u>	<u>F21S 4 /-</u>
2024278721 2024280334 2024299016	2024291845	2024263484	2024272486	2024266219	2024261612
<u>C25B 1 /-</u>	<u>E01F 13 /-</u>	<u>E21B 19 /-</u>	<u>F01D 9 /-</u>	<u>F16K 3 /-</u>	<u>F23B 60 /-</u>
2024249829 2024268078 2024276790 2024285985	2024260717 2024261445	2023451799	2024272486	2024266219	2024271842
<u>C25B 11 /-</u>	<u>E01F 9 /-</u>	<u>E21B 23 /-</u>	<u>F01K 25 /-</u>	<u>F16K 31 /-</u>	<u>F23C 10 /-</u>
2024276790	2024260717 2024261445	2024314294 2024326570	2024259977	2024259934 2024266219	2023445936
<u>C25B 13 /-</u>	<u>E01H 5 /-</u>	<u>E21B 33 /-</u>	<u>F02D 41 /-</u>	<u>F16K 35 /-</u>	<u>F23G 7 /-</u>
2024276790	2023456280	2023451799 2024326570	2024417778	2024259934	2024261546
<u>C25B 13 /-</u>	<u>E02D 27 /-</u>	<u>E21B 34 /-</u>	<u>F03D 9 /-</u>	<u>F16K 37 /-</u>	<u>F23H 17 /-</u>
2024245553 2024273029	2024279617	2024326570	2024269920	2024259934	2024271842
<u>C25B 15 /-</u>	<u>E02D 35 /-</u>	<u>E21B 4 /-</u>	2024266219	<u>F16L 1 /-</u>	2024271842
2024268078 2024273029	2024279617	2024267377	<u>F04B 43 /-</u>	2024263618	<u>F24C 15 /-</u>
<u>C25B 9 /-</u>	<u>E02F 9 /-</u>	<u>E21B 41 /-</u>	2024266582	<u>F16L 15 /-</u>	2024413642
2024249829 2024268013 2024273029	2023447589 2024330108 2024330683 2024335339	2024255442 2024267377	<u>F04B 47 /-</u>	2024263484	<u>F24C 7 /-</u>
<u>C25C 3 /-</u>	<u>E04B 1 /-</u>	<u>E21B 43 /-</u>	<u>F04B 9 /-</u>	<u>F16L 23 /-</u>	2024309857
2024295487	2023458985	2024266582 2024314801	2024266582	2024275989	<u>F24D 19 /-</u>
<u>C25C 7 /-</u>	<u>E04B 9 /-</u>	<u>E21B 47 /-</u>	<u>F04D 17 /-</u>	<u>F16L 3 /-</u>	2024259934
2024295487	2024265848	2024243981 2024255442	2024266689	2024261418	<u>F24F 11 /-</u>
<u>C40B 30 /-</u>	<u>E04C 2 /-</u>	<u>E21B 49 /-</u>	<u>F04D 19 /-</u>	<u>F16L 37 /-</u>	2024267503
2024266138 2024267583	2024318969	2024255442	2024266689	2024314678	<u>F24F 3 /-</u>
<u>C40B 40 /-</u>	<u>E04C 3 /-</u>	<u>E21B 7 /-</u>	<u>F04D 25 /-</u>	<u>F16L 39 /-</u>	2024266309
2024266138	2023458985	2024313465	2024266594 2024266689 2024286668	2024275989	<u>F24F 5 /-</u>
<u>D02G 3 /-</u>	<u>E04D 12 /-</u>	<u>E21C 35 /-</u>	<u>F04D 29 /-</u>	<u>F16L 55 /-</u>	2024266309
2023446664	2024318969	2023446554	2024266689 2024286668	2024263416 2024275989	<u>F24H 9 /-</u>
<u>D04B 1 /-</u>	<u>E04F 15 /-</u>	<u>E21D 20 /-</u>	<u>F15B 11 /-</u>	<u>F17C 3 /-</u>	2024268264
2023446664	2024242291	2024409602	2024266219	2024269069	<u>F25B 1 /-</u>
	2024283211				2024246680
					<u>F25B 21 /-</u>
					2024264447

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2024261711	2024260074	2024274303	2024307690	2024283333	2024250819
	2024267538			2024304188	2024252324
<u>F25D 23 /-</u>	<u>G01N 21 /-</u>	<u>G01V 3 /-</u>	<u>G06N 10 /-</u>	<u>G06V 40 /-</u>	2024255108
2024430249	2024247326	2024243981	2024277668	2024243150	2024261434
	2024262856			2024272928	2024276256
<u>F25J 1 /-</u>	2024265254	<u>G01W 1 /-</u>	<u>G06N 20 /-</u>		2024302864
2024264447	2024400247	2024308962	2024244908	<u>G08B 13 /-</u>	<u>G16H 80 /-</u>
2024275989	<u>G01N 27 /-</u>	<u>G02B 21 /-</u>	2024265361	2024279046	2024253661
			2024272928		
<u>F25J 3 /-</u>	2024267538	2024284908	2024304188	<u>G08C 17 /-</u>	<u>G21F 1 /-</u>
	2024273029				
2024272526		<u>G02B 26 /-</u>	<u>G06N 3 /-</u>	2024243137	2024307957
<u>F27B 15 /-</u>	<u>G01N 30 /-</u>	2024264802	2024242305	<u>G08C 19 /-</u>	<u>G21F 3 /-</u>
			2024303991		
2023445936	2024270269	<u>G02B 27 /-</u>	2024308962	2024243137	2024307957
<u>F28D 13 /-</u>	<u>G01N 33 /-</u>	2024264802	<u>G06Q 10 /-</u>	<u>G08G 1 /-</u>	<u>G21G 4 /-</u>
2024261714	2023454639	<u>G05B 23 /-</u>	2024244305	2024252428	2024265505
	2024235548		2024255108	2024265032	
<u>F28D 19 /-</u>	2024247326	2024259222	2024255442	2024265761	<u>H01B 13 /-</u>
	2024249590		2024265361		
2024261714	2024251002	<u>G05D 1 /-</u>	2024270268	<u>G08G 5 /-</u>	2024263415
	2024260074		2024275103		
<u>F28D 20 /-</u>	2024262750	2023446410	<u>G06Q 20 /-</u>	2023457859	<u>H01B 7 /-</u>
	2024262856	2023446554			
2024261714	2024262870	2023450976	2024258744	<u>G10H 1 /-</u>	2024263415
	2024264265		2024259188	2024250567	2024263618
<u>F28D 21 /-</u>	2024266138	<u>G05D 7 /-</u>	2024269713		
	2024266326			<u>G10L 19 /-</u>	<u>H01F 1 /-</u>
2024266309	2024267538	2024259934	<u>G06Q 30 /-</u>		2024299016
	2024267583	2024266219		2024244801	
<u>F28D 9 /-</u>	2024273650	<u>G06F 1 /-</u>	2024265361		<u>H01F 41 /-</u>
	2024283039		2024271009	<u>G16B 20 /-</u>	
2024266309	2024304188	2024243431	<u>G06Q 50 /-</u>	2024243779	2024243132
		2024250017		2024269632	<u>H01M 10 /-</u>
<u>F28F 27 /-</u>	<u>G01N 35 /-</u>		2023451352	2024276256	
		<u>G06F 11 /-</u>	2024235075		2024247141
2024267503	2024249683		2024244305	<u>G16B 30 /-</u>	2024255727
2024275989		2024243431	2024255108		2024265063
<u>F28F 3 /-</u>	<u>G01R 15 /-</u>	2024250017	2024273059	2024276256	
		2024307690	2024277393		<u>H01M 4 /-</u>
2024266309	2024243137	2024308350		<u>G16C 20 /-</u>	
	<u>G01R 31 /-</u>	<u>G06F 16 /-</u>	<u>G06T 7 /-</u>		2024247045
<u>F28F 9 /-</u>				2024257188	2024247141
	2023456288	2024247748	2024249590		2024265063
2024267503	2024243137	2024253032	2024251002	<u>G16H 10 /-</u>	2024268013
	2024269633	2024255108	2024265032		2024276790
<u>G01B 11 /-</u>	<u>G01S 13 /-</u>	2024257130	2024266569	2024252324	
		2024260912	2024272928	2024253661	<u>H01M 50 /-</u>
2024272928	2024263877	2024275103	2024304188	2024255108	
	2024265761	<u>G06F 18 /-</u>	<u>G06V 10 /-</u>	<u>G16H 20 /-</u>	2024245627
<u>G01D 21 /-</u>	2024274303				2024277647
		2024251002	2024243150	2023447186	2024399194
2023456288	<u>G01S 17 /-</u>		2024249590	2024248157	<u>H01M 8 /-</u>
		<u>G06F 21 /-</u>	2024265032	2024250819	
<u>G01F 23 /-</u>	2024265761		2024272553	2024252324	2024245379
		2024247748	2024272928	<u>G16H 40 /-</u>	2024268013
2024261438	<u>G01S 19 /-</u>	2024251148			2024273029
		<u>G06F 3 /-</u>	<u>G06V 20 /-</u>	2023447186	2024276790
<u>G01N 1 /-</u>	2024274464	2024250567		2024242642	
	2024433049	2024255108	2024242763	2024253661	<u>H01Q 1 /-</u>
2024235548	<u>G01S 5 /-</u>	2024284908	2024248022	2024255108	
2024262856			2024249563	2024289619	2024274303
<u>G01N 11 /-</u>	2024433049		2024249590	2024303561	
			2024272553		
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2024262208	2024243981	2024271708	2024339215
<u>H01R 13 /-</u>	<u>H04B 14 /-</u>	<u>H04R 31 /-</u>	<u>H10F 77 /-</u>
2023445294 2024267377	2024261439	2024271708	2024339215
<u>H01R 25 /-</u>	<u>H04B 7 /-</u>	<u>H04R 7 /-</u>	
2023445294	2023478851 2024433088	2024271708	
<u>H01R 4 /-</u>	<u>H04H 20 /-</u>	<u>H04R 9 /-</u>	
2024268447	2023478851	2024271708	
<u>H01R 43 /-</u>	<u>H04J 13 /-</u>	<u>H04S 3 /-</u>	
2024268447	2024243981	2024244801	
<u>H02G 1 /-</u>	<u>H04L 27 /-</u>	<u>H04S 7 /-</u>	
2024263618	2024243981	2024250567	
<u>H02G 11 /-</u>	<u>H04L 43 /-</u>	<u>H04W 24 /-</u>	
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<u>H02G 3 /-</u>	<u>H04L 45 /-</u>	<u>H04W 36 /-</u>	
2024261418	2023478851	2024294271	
<u>H02G 9 /-</u>	<u>H04L 5 /-</u>	<u>H04W 4 /-</u>	
2024263618	2024243815	2024244305 2024274464	
<u>H02J 13 /-</u>	<u>H04L 67 /-</u>	<u>H04W 72 /-</u>	
2024285937	2024259222 2024272975	2024243815	
<u>H02J 3 /-</u>	<u>H04L 69 /-</u>	<u>H04W 76 /-</u>	
2023439987 2024243431 2024250017 2024253844 2024285937	2024259222	2024294271	
<u>H02J 7 /-</u>	<u>H04L 9 /-</u>	<u>H04W 84 /-</u>	
2023449567 2024277647	2024243150 2024251148 2024269713 2024277668	2023478851	
<u>H02K 21 /-</u>	<u>H04N 19 /-</u>	<u>H05B 3 /-</u>	
2024269920	2023440398 2023441519 2024265529 2024303991 2024307048	2024254947	
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2024269920	2024250567 2024265529	2024264771	
<u>H02M 7 /-</u>	<u>H04N 23 /-</u>	<u>H05B 6 /-</u>	
2024262208	2024242305	2024256284 2024309857	
<u>H04B 1 /-</u>		<u>H05K 1 /-</u>	
2024243981		2024269808	
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(71) 1ST AVENUE NOVA, LLC (11) AU-B-2025208504 (21) 2025208504 (22) 21.03.2025 (54) GEMINI GRID-CONNECTABLE RE-NEWABLE POWERPLANT DELIVER-ING HIGH CAPACITY FACTOR TO CONTROLLABLE LOADS (51) Int. Cl. H02J 3/12 (2006.01) H02J 3/32 (2006.01) H02J 3/38 (2006.01) (31) 63/568,397 (32) 21.03.24 (33) US 63/574,733 04.04.24 US 63/639,474 26.04.24 US 63/642,490 03.05.24 US 63/645,837 10.05.24 US 18/792,847 02.08.24 US 19/069,820 04.03.25 US (43) 09.10.2025 (44) 13.11.2025 (72) BUTTGENBACH, Thomas (74) RnB IP Pty Ltd	A61M 25/00 (2006.01) A61M 25/06 (2006.01) B29C 48/09 (2019.01) B29C 48/21 (2019.01) B29C 48/23 (2019.01) B29C 65/00 (2006.01) B29C 65/76 (2006.01) (87) WO2020/123333 (31) 62/777,598 (32) 10.12.18 (33) US (43) 18.06.2020 (44) 13.11.2025 (72) LIU, Clifford, M. (74) Davies Collison Cave Pty Ltd	(44) 13.11.2025 (62) 2021205003 (72) BIGGINS, James F.; BASSETT, Michael; DONAHUE, Daniel (74) Spruson & Ferguson
(71) 2724889 Ontario, Inc. (11) AU-B-2024220158 (21) 2024220158 (22) 27.09.2024 (54) MODULAR FURNITURE SYSTEM (51) Int. Cl. A47B 37/04 (2006.01) A47B 3/06 (2006.01) A47B 13/00 (2006.01) A47B 85/06 (2006.01) F16B 12/44 (2006.01) (43) 17.10.2024 (44) 13.11.2025 (62) 2024203798 (72) Styrc, Jacek; Lysiak, Sebastian (74) Halfords IP	(71) Abiomed, Inc. (11) AU-B-2019433556 (21) 2019433556 (22) 22.11.2019 (54) Blood flow rate measurement system (51) Int. Cl. A61B 5/027 (2006.01) A61M 60/135 (2021.01) A61M 60/50 (2021.01) (87) WO2020/185265 (31) 16/353,132 (32) 14.03.19 (33) US (43) 17.09.2020 (44) 13.11.2025 (72) GOLDVASSER, Dov (74) Davies Collison Cave Pty Ltd	(71) Acer Incorporated (11) AU-B-2024220099 (21) 2024220099 (22) 26.09.2024 (54) Method and communication device for handling a communication with a serving cell (51) Int. Cl. H04W 36/06 (2009.01) H04W 72/0453 (2023.01) H04W 72/20 (2023.01) (31) 63/542,782 (32) 06.10.23 (33) US 18/894,001 24.09.24 US (43) 24.04.2025 (44) 13.11.2025 (72) LEE, Chien-Min; LO, Li-Chung; CHEN, Jen-Hsien (74) Griffith Hack
(71) 6 over 6 Vision Ltd. (11) AU-B-2023257231 (21) 2023257231 (22) 30.10.2023 (54) Apparatus, System and Method of Determining One or More Optical Parameters of a Lens (51) Int. Cl. G01M 11/02 (2006.01) A61B 3/02 (2006.01) G02C 7/00 (2006.01) (43) 16.11.2023 (44) 13.11.2025 (62) 2021258036 (72) Haim Bachar; Shahar Levy; Nir Altmark; Ofer Limon (74) James & Wells Intellectual Property	(71) Abraxis Bioscience, LLC (11) AU-B-2020241730 (21) 2020241730 (22) 18.03.2020 (54) Subcutaneous administration of nanoparticles comprising an mTOR inhibitor and albumin for treatment of diseases (51) Int. Cl. A61K 31/436 (2006.01) A61K 47/26 (2006.01) A61K 47/42 (2017.01) A61M 5/19 (2006.01) A61P 35/00 (2006.01) (87) WO2020/191053 (31) 62/820,838 (32) 19.03.19 (33) US 62/820,842 19.03.19 US (43) 24.09.2020 (44) 13.11.2025 (72) DESAI, Neil P.; HOU, Shihe (74) AJ PARK	(71) Adams IP Pty Ltd (11) AU-B-2018220113 (21) 2018220113 (22) 23.08.2018 (54) BATTERY HOLDER (51) Int. Cl. H01M 50/262 (2021.01) H01M 50/10 (2021.01) (43) 12.03.2020 (44) 13.11.2025 (72) Adams, Darren Barry; Adams, Annette Marie (74) Griffith Hack
(71) Abiomed, Inc. (11) AU-B-2019396336 (21) 2019396336 (22) 09.12.2019 (54) Kink resistant peel away medical sheath (51) Int. Cl.	(71) Access Vascular, Inc. (11) AU-B-2023204627 (21) 2023204627 (22) 12.07.2023 (54) High strength biomedical materials (51) Int. Cl. A61L 29/04 (2006.01) A61L 17/10 (2006.01) A61L 27/16 (2006.01) A61L 27/56 (2006.01) A61L 29/14 (2006.01) D01D 5/24 (2006.01) D01F 6/14 (2006.01) (43) 03.08.2023	(71) AERONES ENGINEERING, SIA (11) AU-B-2023228399 (21) 2023228399 (22) 02.03.2023 (54) A METHOD FOR WIND TURBINE BLADE MECHANICAL DE-ICING (51) Int. Cl. F03D 80/40 (2016.01) (87) WO2023/166458 (31) 63/315,543 (32) 02.03.22 (33) US (43) 07.09.2023 (44) 13.11.2025 (72) PUTRAMS, Janis (74) GLMR
		(71) Alcon Inc. (11) AU-B-2020268940 (21) 2020268940 (22) 27.04.2020 (54) Ophthalmic fluidics system with eddy current pressure sensor (51) Int. Cl. A61F 9/007 (2006.01) A61M 1/00 (2006.01) (87) WO2020/225643 (31) 62/843,841 (32) 06.05.19 (33) US (43) 12.11.2020

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 (72) GAO, Shawn X.; MILUTINOVIC, Ivan;
 VAN, Roderick S.; BAXTER, Vincent A.;
 GORDON, Raphael
 (74) Phillips Ormonde Fitzpatrick

(71) Alcon Inc.
 (11) AU-B-2020328265
 (21) 2020328265 (22) 12.08.2020
 (54) Eye tracking fixation monitoring systems and methods
 (51) Int. Cl.
A61B 3/113 (2006.01)
A61B 3/10 (2006.01)
A61B 3/12 (2006.01)
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 (31) 62/886,517 (32) 14.08.19 (33) US
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 (72) GRÜNDIG, Martin; BIRKNER, Sascha
 (74) Phillips Ormonde Fitzpatrick

(71) Alcon Inc.
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 (54) 3D PRINTING OF AN INTRAOCULAR LENS HAVING SMOOTH, CURVED SURFACES
 (51) Int. Cl.
B29C 64/135 (2017.01)
B29C 64/264 (2017.01)
B29D 11/00 (2006.01)
B33Y 10/00 (2015.01)
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 (72) Austin Xavier Rodeheaver; Brian Craig Cox; Fernando Enrique Ortiz
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.
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G02B 1/04 (2006.01)
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 (72) QIU, Yongxing; PRUITT, John Dallas; SAMUEL, Newton T.; CHIANG, Chung-Yuan; TUCKER, Robert Carey; CHANG, Yuan; LEVEILLE, Ethan
 (74) Davies Collision Cave Pty Ltd

(71) ALCON INC.
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 (54) LASER SOURCE FOR AN OPHTHALMIC SURGICAL SYSTEM
 (51) Int. Cl.
H01S 3/23 (2006.01)
H01S 3/00 (2006.01)
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H01S 3/067 (2006.01)
H01S 3/0941 (2006.01)

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 (72) KITTELMANN, Olaf
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 (54) Non-lysosomal glucosylceramidase inhibitors and uses thereof
 (51) Int. Cl.
C07D 211/46 (2006.01)
A61K 31/445 (2006.01)
A61K 31/4525 (2006.01)
A61K 31/453 (2006.01)
A61K 31/4535 (2006.01)
A61K 31/454 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/506 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
A61P 25/28 (2006.01)
C07D 401/04 (2006.01)
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 (31) 62/846,011 (32) 10.05.19 (33) US
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 (72) KAUL, Ramesh; MCEACHERN, Ernest J.; SUN, Jianyu; VOCADLO, David J.; ZHOU, Yuanxi; ZHU, Yongbao
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Non-lysosomal glucosylceramidase inhibitors and uses thereof
 (51) Int. Cl.
C07D 211/46 (2006.01)
A61K 31/445 (2006.01)
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A61K 31/4535 (2006.01)
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A61K 31/4545 (2006.01)
A61P 1/16 (2006.01)
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C07D 401/10 (2006.01)
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 (72) KAUL, Ramesh; MCEACHERN, Ernest J.; SUN, Jianyu; VOCADLO, David J.; ZHOU, Yuanxi; ZHU, Yongbao
 (74) FPA Patent Attorneys Pty Ltd

(71) Alexander Binzel Schweissttechnik GmbH & Co. KG
 (11) AU-B-2020315094
 (21) 2020315094 (22) 07.07.2020
 (54) Device for thermally joining at least one workpiece, comprising a torch and an extraction unit
 (51) Int. Cl.
B23K 9/32 (2006.01)
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 (72) ROSE, Sascha
 (74) Collision & Co

(71) Alpha Tau Medical Ltd.
 (11) AU-B-2024202338
 (21) 2024202338 (22) 11.04.2024
 (54) Diffusing alpha-emitter radiation therapy for glioblastoma
 (51) Int. Cl.
A61N 5/10 (2006.01)
A61B 6/00 (2006.01)
A61B 34/10 (2016.01)
A61P 35/00 (2006.01)
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 (72) KELSON, Itzhak; KEISARI, Yona; GAT, Amnon; DEN, Robert; MAGEN, Ofer; DOMANKEVICH, Vered; ARAZI, Lior; COOKS, Tomer; HEGER, Guy; DUMANČIĆ, Mirta; LUZ, Ishai; VATARESCU, Maayan Hedva
 (74) FPA Patent Attorneys Pty Ltd

(71) Amgen Inc.
 (11) AU-B-2019280973
 (21) 2019280973 (22) 06.06.2019
 (54) Detection assay for protein-polynucleotide conjugates
 (51) Int. Cl.
C12Q 1/6804 (2018.01)
C12Q 1/6839 (2018.01)
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 (31) 62/681,931 (32) 07.06.18 (33) US
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 (72) THAYER, Mai; HUMPHREYS, Sara
 (74) Spruson & Ferguson

(71) Apex Industrial Technologies LLC
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(72) SAVAGE, Benjamin V.; FULLMAN, Edward A.; SARKAR, Saurabh; HODAPP, Christopher M.; ALDEN, Richard Mathias
(74) Phillips Ormonde Fitzpatrick

(71) APPLE INC.
(11) AU-B-2022348895
(21) 2022348895 (22) 16.09.2022
(54) DEVICES, METHODS, AND GRAPHICAL USER INTERFACES FOR CONTENT APPLICATIONS
(51) Int. Cl.
G06F 3/04815 (2022.01)
G06T 15/50 (2011.01)
G06T 19/00 (2011.01)
H04N 21/431 (2011.01)
(87) WO2023/049671
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(44) 13.11.2025
(72) STAUBER, Matan; PASTRANA VICENTE, Israel; DASCOLA, Jonathan R.; LEMAY, Stephen O.; LABORIE, Alexandre; ARORA, Ichha; KRIVORUCHKO, Evgenii; KIM, Andrew S.; SCOTT, Gregory T.; MORENO RUFO, Lucio; VINNA, Fredric R.; SHIRAIISHI, Brian K.; TANAKA, So
(74) FPA Patent Attorneys Pty Ltd

(71) Arch Biopartners, Inc.
(11) AU-B-2023285759
(21) 2023285759 (22) 19.12.2023
(54) DPEP-1 binding compositions and methods of use
(51) Int. Cl.
A61K 31/198 (2006.01)
A61K 31/662 (2006.01)
A61K 38/10 (2006.01)
A61K 38/16 (2006.01)
A61K 39/395 (2006.01)
A61P 13/12 (2006.01)
A61P 29/00 (2006.01)
A61P 35/04 (2006.01)
C07C 323/58 (2006.01)
C07F 9/30 (2006.01)
C07K 5/083 (2006.01)
C07K 7/06 (2006.01)
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C12N 9/64 (2006.01)
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(72) ROBBINS, Stephen Mark; SENGGER, Donna Lorraine; RAHN, Jennifer Joy; CHOUDHURY, Saurav Roy; LAU, Arthur Wing Sze; MURUVE, Daniel Abraham
(74) FB Rice Pty Ltd

(71) Armaments Research Company Inc.
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(54) Firearm monitoring and remote support system
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F41A 17/06 (2006.01)
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F41G 3/14 (2006.01)
G08B 25/10 (2006.01)
H04L 67/12 (2022.01)
H04L 67/52 (2022.01)
H04W 4/029 (2018.01)
H04W 24/08 (2009.01)
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(72) DENG, William; CANTY, Michael
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(71) Arrinex, Inc.
(11) AU-B-2023282294
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(54) Devices and Methods for Treating Ear, Nose, and Throat Afflictions
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A61B 18/02 (2006.01)
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(74) Davies Collision Cave Pty Ltd

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(11) AU-B-2021366749
(21) 2021366749 (22) 12.10.2021
(54) BEER-TASTE BEVERAGE FLAVOR IMPROVING AGENT AND BEER-TASTE BEVERAGE
(51) Int. Cl.
C12G 3/06 (2006.01)
A23L 2/00 (2006.01)
A23L 2/56 (2006.01)
A23L 27/00 (2016.01)
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C12C 5/02 (2006.01)
C12G 3/021 (2019.01)
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(74) Spruson & Ferguson

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(72) Stenhouse, Damon Peter
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(54) Synthesis Method For Intermediate Of Saflufenacil
(51) Int. Cl.
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(72) ZHANG, Peter; PAN, Penny; LIU, Yvonne
(74) WRAYS PTY LTD

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(54) CARTRIDGE OF A FIREARM, CARTRIDGE CHAMBER, COMBINATION CONSISTING OF A LOCK AND CARTRIDGE CHAMBER OF SUCH A CARTRIDGE, AND FIREARM
(51) Int. Cl.
F42B 5/02 (2006.01)
F42B 5/28 (2006.01)
F41A 21/12 (2006.01)
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(31) 10 2021 006 113.6 (32) 14.10.21 (33) DE
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(72) ZAPF, Robert
(74) FB Rice Pty Ltd

(71) Atricon AB
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(54) Building stud, wall structure comprising such a building stud and a method for forming a wall structure
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E04C 3/29 (2006.01)

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(74) Griffith Hack
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(54) Methods and compositions for selection of functional aptamers
(51) Int. Cl.
C12N 15/11 (2006.01)
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(74) Spruson & Ferguson
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- (71)** Autochair Limited
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(51) Int. Cl.
A61G 3/06 (2006.01)
B66C 23/16 (2006.01)
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(11) AU-B-2022217799
(21) 2022217799 **(22)** 03.02.2022
(54) LOCALIZATION SYSTEM FOR AUTONOMOUS VEHICLES USING SPARSE RADAR DATA
(51) Int. Cl.
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G01S 13/42 (2006.01)
G01S 13/93 (2020.01)
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(31) 63/145,467 **(32)** 03.02.21 **(33)** US
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(72) BYBEE, Taylor; FERRIN, Jeffrey; ELLINGSON, Gary
(74) FB Rice Pty Ltd
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- (71)** AVALO, INC.
(11) AU-B-2023230790
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(54) SYSTEM AND METHOD FOR GENOMIC ASSOCIATION
(51) Int. Cl.
G16B 40/30 (2019.01)
G16B 20/20 (2019.01)
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G06N 7/01 (2023.01)
(87) WO2023/172633
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(72) ALVAREZ, Mariano; RUDIN, Cynthia
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(54) System and method of semi-autonomous cleaning of surfaces
(51) Int. Cl.
A47L 11/40 (2006.01)
A47L 11/29 (2006.01)
B08B 13/00 (2006.01)
B25J 9/18 (2006.01)
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(72) MOLINA CABRERA, Pablo Roberto; CHOI, Yoohee; COCA, Florin; FA-KIH, Adel; PARK, Bongkyun; YE, Weilong; RASHEED, Umer; BAJWA, Bhavnit Singh; FRASER, Cameron Scott Reidlinger; LEE, Kenneth King Ho; MCLENNAN, Duncan Chapman; DUCHESNE, Thomas Joseph; HAYTON, Breanna May; GORZKOWSKI, Igor; HYDE, John James Samuel; BERSENEV, Alexander; BABOOLAL, Ravi; GUPTA, Dhrov; GRANDIN, Thomas
(74) Dennemeyer & Associates
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(51) Int. Cl.
A61M 25/06 (2006.01)
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(54) SHIFTING SLEEVE WITH EXTRUDABLE BALL AND DOG
(51) Int. Cl.
E21B 34/14 (2006.01)
E21B 23/04 (2006.01)
E21B 34/10 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) EXTRUSION BALL ACTUATED TELESCOPING LOCK MECHANISM
(51) Int. Cl.
E21B 34/14 (2006.01)
E21B 23/04 (2006.01)
E21B 34/10 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(21) 2022431363 **(22)** 23.08.2022
(54) CLEANING BRUSH AND SMART CLEANING APPARATUS
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A47L 11/24 (2006.01)
A47L 9/04 (2006.01)
B08B 1/00 (2006.01)
(87) WO2023/130735
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A47L 11/24 (2006.01)

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 XU, Hongliang
(74) Allens Patent & Trade Mark Attorneys

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A47L 11/24 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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C22B 1/24 (2006.01)
C21C 5/52 (2006.01)
C22B 1/244 (2006.01)
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G01N 33/543 (2006.01)
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(74) Pizzzeys Patent and Trade Mark Attor-
 neys Pty Ltd

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A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
A61N 1/378 (2006.01)
G06Q 30/00 (2023.01)
H02J 7/12 (2006.01)
H02J 50/10 (2016.01)
H02J 50/70 (2016.01)
H02J 50/90 (2016.01)
A61N 1/05 (2006.01)
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G06K 19/06 (2006.01)
B42D 25/305 (2014.01)
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 SYSTEM AND VEHICLE
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B60H 1/00 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd

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A61K 31/403 (2006.01)
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A47L 13/254 (2006.01)
A47L 13/258 (2006.01)
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 JÜRGENS, Ralf
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 pathing for improved 3D printing of soft
 materials
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B29C 64/40 (2017.01)
B29C 64/118 (2017.01)
B29C 64/393 (2017.01)
B33Y 10/00 (2015.01)
B33Y 40/00 (2020.01)
B33Y 50/02 (2015.01)
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 Maria
(74) K&L Gates

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 having a urinal system, and method for
 operating a urinal system
(51) Int. Cl.
E03D 5/10 (2006.01)
E03D 9/16 (2006.01)
E03D 13/00 (2006.01)
G05B 23/02 (2006.01)
H04L 67/125 (2022.01)
H04W 4/38 (2018.01)
H04W 4/80 (2018.01)
H04W 84/18 (2009.01)
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(51) Int. Cl.
A47D 1/00 (2006.01)
A47D 15/00 (2006.01)
B65D 5/30 (2006.01)
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E04H 12/34 (2006.01)
E21B 7/02 (2006.01)
E21B 44/00 (2006.01)
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(51) Int. Cl.
F16C 35/02 (2006.01)
F16C 17/02 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
A61F 2/02 (2006.01)
A61K 9/06 (2006.01)
A61L 31/04 (2006.01)
A61L 31/12 (2006.01)
A61L 31/14 (2006.01)

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(54) METHOD FOR SCREENING NEURONAL REGENERATION PROMOTING CELLS HAVING NEURONAL REGENERATION ACTIVITY
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G01N 33/50 (2006.01)
A61K 35/30 (2015.01)
A61P 25/00 (2006.01)
C12N 5/0793 (2010.01)
C12Q 1/02 (2006.01)
G01N 33/68 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) Ceres Intellectual Property Company Limited
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(54) Electrochemical cell stack
(51) Int. Cl.
H01M 8/248 (2016.01)
C25B 1/042 (2021.01)
C25B 9/77 (2021.01)
H01M 8/124 (2016.01)
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(54) USE OF LACTIC ACID IN PRODUCT FOR REGULATING AND PROMOTING TISSUE GROWTH
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A61K 31/19 (2006.01)
A61K 31/765 (2006.01)
A61P 19/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
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B32B 27/24 (2006.01)
B29B 7/82 (2006.01)
B29C 48/07 (2019.01)
B29C 48/18 (2019.01)
B29C 48/88 (2019.01)
B32B 27/32 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys

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(54) APPARATUS AND METHODS FOR REGULATING CRYOGENIC TREATMENT
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A61B 18/02 (2006.01)
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(54) METHOD FOR DIRECTLY PREPARING VO2 BY USING VANADIUM TRIISOPROPOXIDE OXIDE AS VANADIUM SOURCE
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C01G 31/02 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(21) 2023271151 (22) 18.05.2023
(54) BENZIMIDAZOLE OR AZABENZIMIDAZOLE COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF

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C07D 405/14 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/496 (2006.01)
A61K 31/497 (2006.01)
A61P 3/10 (2006.01)
C07D 413/14 (2006.01)
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C07D 471/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) CRYSTAL FORM AND SALT OF PHENOTHIAZINE COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF

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C07D 279/20 (2006.01)
A61K 31/5415 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 25/00 (2006.01)
A61P 35/00 (2006.01)

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(74) Minter Ellison

CHEVRON JAPAN LTD. see CHEVRON ORONITE COMPANY LLC
(21) 2022360878

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

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(54) FUEL ADDITIVES FOR LOWERING DEPOSIT AND PARTICULATE EMISSION

(51) Int. Cl.
C10L 1/10 (2006.01)
C10L 10/02 (2006.01)
C10L 10/04 (2006.01)
C10L 1/183 (2006.01)
C10L 1/198 (2006.01)

C10L 1/222 (2006.01)
C10L 1/2387 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

CHEVRON U.S.A. INC. see CHEVRON ORONITE COMPANY LLC
(21) 2022360878

(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU SHENGAN INDUSTRIAL SAFETY TESTING RESEARCH INSTITUTE CO., LTD.; XUZHOU UNIVERSITY OF TECHNOLOGY

(11) AU-B-2022457348
(21) 2022457348 (22) 17.06.2022
(54) VARIABLE-RANGE VALVE LEAKAGE DETECTION DEVICE
(51) Int. Cl.
G01M 3/28 (2006.01)
(87) WO2023/216364
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(74) Winnie WONG

(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY

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(54) FULL-PARTICLE FRACTION SORTING AND PRE-ENRICHMENT PROCESS FOR COAL-BASED CO-ASSOCIATED MINERAL GERMANIUM

(51) Int. Cl.
B03B 7/00 (2006.01)
B02C 21/00 (2006.01)
B03B 9/00 (2006.01)
B03D 1/02 (2006.01)
B03D 1/14 (2006.01)
B04C 9/00 (2006.01)
B07C 5/34 (2006.01)
B07C 5/36 (2006.01)
B03D 103/08 (2006.01)

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(74) Madderns Pty Ltd

(71) Chongqing Changan Automobile Co., Ltd.

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(54) SKIN CHANGING METHOD AND APPARATUS FOR DISPLAY INTERFACE, VEHICLE AND STORAGE MEDIUM

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G06F 9/451 (2018.01)
G06F 3/01 (2006.01)
G06F 3/14 (2006.01)
G06F 9/445 (2018.01)

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(51) Int. Cl.
C07K 16/28 (2006.01)
C12N 15/13 (2006.01)

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(71) Citrox Biosciences Limited

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(54) Bioflavonoid compositions and their use for water purification and food preservation

(51) Int. Cl.
A01N 43/16 (2006.01)
A01N 37/02 (2006.01)
A01N 37/46 (2006.01)
A01P 1/00 (2006.01)
A01P 15/00 (2006.01)
A61K 31/351 (2006.01)
C02F 1/50 (2006.01)

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(44) 13.11.2025
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Climate LLC
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(21) 2020232270 (22) 03.03.2020
(54) Data storage and transfer device for an agricultural intelligence computing system

(51) Int. Cl.
H10D 84/40 (2025.01)
H10D 1/20 (2025.01)
H10D 86/00 (2025.01)

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E04B 5/04 (2006.01)
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E04C 3/26 (2006.01)
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A61P 25/16 (2006.01)
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C07K 14/745 (2006.01)
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C07K 16/36 (2006.01)
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G16H 20/30 (2018.01)
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H02G 13/00 (2006.01)
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G01G 17/08 (2006.01)
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A61K 8/9711 (2017.01)
A61K 8/98 (2006.01)
A61Q 1/02 (2006.01)
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G06N 20/00 (2019.01)
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B22F 3/105 (2006.01)
A61F 2/38 (2006.01)
B22F 3/11 (2006.01)
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B33Y 10/00 (2015.01)
B33Y 50/00 (2015.01)
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G06F 30/10 (2020.01)
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C08G 65/40 (2006.01)
B01J 41/13 (2017.01)
C08J 5/22 (2006.01)
H01M 8/00 (2016.01)
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F04B 17/04 (2006.01)
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A61K 39/395 (2006.01)
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C07K 16/22 (2006.01)
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E06B 3/48 (2006.01)
E05D 15/06 (2006.01)
E06B 11/04 (2006.01)
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(72) REVELIN, Cristian
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A61K 9/06 (2006.01)
A61K 31/366 (2006.01)
A61K 31/40 (2006.01)
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A61P 19/02 (2006.01)
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(74) WRAYS PTY LTD
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A63B 24/00 (2006.01)
G16H 20/30 (2018.01)
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C07D 311/80 (2006.01)
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C10G 2/00 (2006.01)
C01B 3/52 (2006.01)
C01B 3/58 (2006.01)
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B66F 9/075 (2006.01)
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G06T 7/73 (2017.01)
H04N 13/10 (2018.01)
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B05B 7/24 (2006.01)
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F03D 80/60 (2016.01)
C02F 1/04 (2023.01)
C02F 1/28 (2023.01)
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C01F 7/306 (2022.01)
C01F 7/34 (2006.01)
C22B 3/10 (2006.01)
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C22B 21/00 (2006.01)
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A61K 9/00 (2006.01)
A61K 31/137 (2006.01)
A61K 31/4174 (2006.01)
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F28F 19/04 (2006.01)
C09D 7/61 (2018.01)
C09D 7/63 (2018.01)
C09D 175/04 (2006.01)
D06F 58/20 (2006.01)
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A47L 9/14 (2006.01)
A47L 5/24 (2006.01)
A47L 7/00 (2006.01)
A47L 9/16 (2006.01)
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 SYSTEM
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A23B 4/052 (2006.01)
A47J 37/07 (2006.01)
F24B 5/02 (2006.01)
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F24C 15/32 (2006.01)
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 AND PHOTOVOLTAIC MODULE
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H01L 23/00 (2006.01)
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 METHOD THEREFOR
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A61K 31/454 (2006.01)
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A61K 31/506 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
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A61P 35/00 (2006.01)
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 Method of Distributing Ultra High Power
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F21V 29/56 (2015.01)
F28D 15/02 (2006.01)
G02B 6/44 (2006.01)
G08C 23/06 (2006.01)
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B60R 15/00 (2006.01)
B60H 3/00 (2006.01)
B60S 1/64 (2006.01)
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G02F 1/1516 (2019.01)
H01M 10/0564 (2010.01)
H01M 10/0565 (2010.01)
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C12Q 1/6874 (2018.01)

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trol of scavenging of waste anesthetic
gas in a gas machine for anesthesia or
analgesia

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A61M 16/10 (2006.01)

A61M 16/00 (2006.01)

A61M 16/06 (2006.01)

A61M 16/12 (2006.01)

A61M 16/20 (2006.01)

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E21B 44/00 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

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Serviço Nacional de Aprendizagem In-
dustrial - Departamento Regional de
Santa Catarina

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form on vertical and horizontal flat sur-
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A61K 9/14 (2006.01)
A61K 47/34 (2017.01)
C08J 3/16 (2006.01)
C08L 83/04 (2006.01)
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G01N 1/40 (2006.01)
G01N 21/00 (2006.01)
G01N 33/24 (2006.01)
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A61P 43/00 (2006.01)
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PT QMB NEW ENERGY MATERIALS;
GEM CO., LTD.; PT GEM INDONESIA
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C22B 9/00 (2006.01)
C02F 1/52 (2023.01)
C02F 1/60 (2023.01)
C02F 1/62 (2023.01)
C02F 1/64 (2023.01)
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A61F 2/32 (2006.01)
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C12N 9/02 (2006.01)
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H04W 74/08 (2009.01)
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B05B 17/08 (2006.01)
C02F 1/00 (2006.01)
E03B 9/20 (2006.01)
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H04L 5/02 (2006.01)
H04W 72/0453 (2023.01)
H04W 72/20 (2023.01)
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A61F 5/00 (2006.01)
A61N 1/372 (2006.01)
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C07D 413/12 (2006.01)
A61K 31/553 (2006.01)
A61P 29/00 (2006.01)
A61P 37/02 (2006.01)
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(54) Tool for breaking rocks

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F16C 29/04 (2006.01)

B25D 17/02 (2006.01)

B28D 1/26 (2006.01)

E02D 7/08 (2006.01)

E02F 3/96 (2006.01)

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(54) Cushioned support system for heel ulcer prevention

(51) Int. Cl.

A61G 7/075 (2006.01)

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E21B 49/00 (2006.01)

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(54) Wear part, bucket and method

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E02F 9/28 (2006.01)

E02F 3/40 (2006.01)

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F16L 1/028 (2006.01)

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(51) Int. Cl.

C07K 16/22 (2006.01)

A61K 39/00 (2006.01)

A61K 39/395 (2006.01)

A61P 3/00 (2006.01)

A61P 3/04 (2006.01)

A61P 3/06 (2006.01)

A61P 3/08 (2006.01)

A61P 3/10 (2006.01)

A61P 5/50 (2006.01)

A61P 9/00 (2006.01)

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A61P 21/00 (2006.01)

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(54) POWER SUPPLY SYSTEM

(51) Int. Cl.

H02J 9/06 (2006.01)

B60L 55/00 (2019.01)

H01M 8/04 (2016.01)

H02J 3/38 (2006.01)

H02J 7/35 (2006.01)

H02S 10/10 (2014.01)

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E04B 1/26 (2006.01)

E04C 3/12 (2006.01)

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Serviço Nacional de Aprendizagem Industrial - Departamento Regional de Santa Catarina see Petróleo Brasileiro S.A. - Petróbras

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Shanghai Hansoh Biomedical Co., Ltd. see Jiangsu Hansoh Pharmaceutical Group Co., Ltd.

(21) 2019218319

Shanghai Hengrui Pharmaceutical Co., Ltd see Jiangsu Hengrui Medicine Co., Ltd.

(21) 2023278061

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(11) AU-B-2022293611

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(54) N-SUBSTITUTED PHENYLSULFONAMIDE COMPOUND AND USE THEREOF

(51) Int. Cl.

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A61K 31/381 (2006.01)
A61K 31/40 (2006.01)
A61K 31/402 (2006.01)
A61K 31/415 (2006.01)
A61K 31/4164 (2006.01)
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A61K 31/4192 (2006.01)
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A61K 31/443 (2006.01)
A61P 1/00 (2006.01)
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C07D 207/335 (2006.01)
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C07D 277/28 (2006.01)
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A61K 36/54 (2006.01)
A01K 61/13 (2017.01)
A61D 7/04 (2006.01)
A61K 9/107 (2006.01)
A61K 31/045 (2006.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
A61P 23/00 (2006.01)
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C04B 26/16 (2006.01)
C04B 28/08 (2006.01)
C04B 111/00 (2006.01)
C04B 111/70 (2006.01)
C04B 111/94 (2006.01)
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F24F 7/00 (2006.01)
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C07C 381/00 (2006.01)
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H01M 10/635 (2014.01)
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B01D 15/10 (2006.01)
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C22B 3/24 (2006.01)
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B01F 25/31 (2022.01)
B01F 35/75 (2022.01)
B01J 19/00 (2006.01)
B01J 19/26 (2006.01)
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B29B 9/16 (2006.01)
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B65G 1/04 (2006.01)
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A62C 3/02 (2006.01)
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A62C 27/00 (2006.01)
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H01F 38/14 (2006.01)
H02J 5/00 (2016.01)
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H04W 12/04 (2021.01)
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G06F 11/34 (2006.01)
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B07C 5/34 (2006.01)
B01J 19/12 (2006.01)
C01B 32/28 (2017.01)
G01N 15/14 (2006.01)
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A61B 5/1486 (2006.01)
A61N 1/05 (2006.01)
A61N 1/40 (2006.01)
B81B 7/02 (2006.01)
B81B 7/04 (2006.01)
G01N 27/02 (2006.01)
G01N 33/483 (2006.01)
G01N 33/487 (2006.01)
G01N 33/50 (2006.01)
G05B 23/02 (2006.01)
G06F 18/15 (2023.01)
G06F 18/2135 (2023.01)
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G16H 50/50 (2018.01)
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G01F 1/66 (2022.01)
E21B 21/08 (2006.01)
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G01F 1/661 (2022.01)
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H02J 9/06 (2006.01)
E21B 41/00 (2006.01)
F02B 63/04 (2006.01)
H02J 7/35 (2006.01)
H02K 7/18 (2006.01)
H02M 7/68 (2006.01)
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(51) Int. Cl.
B60N 2/42 (2006.01)
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B60N 2/433 (2006.01)
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A47D 9/00 (2006.01)
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A61F 2/36 (2006.01)
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see CHINA UNIVERSITY OF MINING AND TECHNOLOGY
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A23L 33/105 (2016.01)
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A61K 9/00 (2006.01)
A61K 31/194 (2006.01)
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A61P 17/00 (2006.01)
A61P 17/06 (2006.01)
A61K 35/00 (2006.01)
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A63F 13/95 (2014.01)
A63H 33/26 (2006.01)
G06F 1/16 (2006.01)
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B67D 1/00 (2006.01)
B67D 1/06 (2006.01)
B67D 1/08 (2006.01)
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E05B 15/16 (2006.01)
E05B 67/04 (2006.01)
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E05B 71/00 (2006.01)
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H04W 72/04 (2009.01)
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H04W 28/24 (2009.01)
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H04W 4/50 (2018.01)
H04W 4/12 (2009.01)
H04W 4/30 (2018.01)
H04W 8/20 (2009.01)
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(54) A vessel for receiving a stereolithographic resin, a device at which a stereolithographic object is made, a method for making a stereolithographic object

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and a method for making a vessel for
receiving a stereolithographic resin

(51) Int. Cl.

B33Y 30/00 (2015.01)

B29C 64/124 (2017.01)

B29C 64/245 (2017.01)

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2018397152	Blink AG	2020232618	Illumina, Inc.; University of Washington
2018397330	Blink AG	2020233166	Illumina Cambridge Limited
2018455235	MI Robotic Solutions S.A.	2020234829	Magnolia Medical Technologies, Inc.
2019203543	Deere & Company	2020236358	Interdigital VC Holdings, Inc.
2019203743	NUSEED GLOBAL INNOVATION LTD.	2020237344	Zydex Pty. Ltd.
2019207276	Nanjing Legend Biotech Co., Ltd.	2020241730	Abraxis Bioscience, LLC
2019215202	Memorial Sloan Kettering Cancer Center	2020242082	Fitbeat Australia Pty Ltd
2019218319	Jiangsu Hansoh Pharmaceutical Group Co., Ltd.; Shanghai Hansoh Biomedical Co., Ltd.	2020247196	Société des Produits Nestlé S.A.
2019218400	The Scripps Research Institute	2020250194	Deere & Company
2019218959	Genentech, Inc.	2020257261	ReShape Lifesciences, Inc.
2019220495	Merck Sharp & Dohme LLC	2020258067	Fidia Farmaceutici S.p.A.
2019232630	Janssen Pharmaceutica NV	2020259398	Saipem S.p.A.
2019250273	Mayo Hardware Pty Ltd	2020262932	Ocular Therapeutix, Inc.
2019262059	Fred Hutchinson Cancer Center	2020268940	Alcon Inc.
2019264652	DAVID STUCKEY INVESTMENTS PTY LTD	2020269404	Excillum AB
2019271986	ASSA ABLOY New Zealand Limited	2020269923	Excillum AB
2019274597	Pioneer Hi-Bred International, Inc.	2020271836	Opna Bio SA
2019276719	Pacific Biosciences of California, Inc.	2020272030	GFB (ABC), LLC
2019280973	Amgen Inc.	2020272057	Eupraxia Pharmaceuticals Inc.
2019288459	Omeros Corporation	2020272978	C4 Therapeutics, Inc.
2019299703	Lempo Therapeutics Ltd; Ramot at Tel-Aviv University Ltd.	2020273616	Innospec Limited
2019325332	Massachusetts Eye and Ear Infirmary; The Schepens Eye Research Institute, Inc.	2020274430	Alectos Therapeutics Inc.
2019327572	Yale University	2020276531	Qualcomm Incorporated
2019330954	CorMedix Inc.	2020278940	Stendals EL AB
2019335301	Radio Systems Corporation	2020279129	CommScope Technologies LLC
2019349873	Augmanity Nano Ltd; Aummune Ltd.	2020279954	Merck Sharp & Dohme LLC
2019358194	Armaments Research Company Inc.	2020282027	Dihsys Digital Health Systems GmbH
2019360020	Citrox Biosciences Limited	2020285323	Sika Technology AG
2019360728	Ivory Graft Ltd.	2020285552	Qualcomm Incorporated
2019363610	The Regents of the University of California	2020288273	Hutchison MediPharma Limited
2019364418	Illumina, Inc.	2020290027	Dinnteco Factory Gasteiz, S.L.
2019379434	Pharma in silica Laboratories inc.	2020291792	Novo Nordisk A/S
2019380861	Kabushiki Kaisha Yakult Honsha	2020294261	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
2019385151	Pitt, K.	2020294783	Qualcomm Incorporated
2019387174	POLYVANTIS GmbH	2020298305	DexCom, Inc.
2019395338	Ideaya Biosciences, Inc.	2020310921	Nanjing Zhengxiang Pharmaceuticals Co., Ltd.
2019396336	Abiomed, Inc.	2020315094	Alexander Binzel Schweisstechnik GmbH & Co. KG
2019401944	Ecolab USA Inc.	2020315634	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG; Smith & Nephew Asia Pacific Pte. Limited
2019403480	MJNN LLC	2020317550	Evonik Operations GmbH
2019404003	Jelly Drops Limited	2020318880	Yoto Limited
2019407375	REMA TIP TOP AG	2020324428	Cohere Technologies, Inc.
2019407826	OzXcorp Pty Ltd	2020328265	Alcon Inc.
2019416797	Petróleo Brasileiro S.A. - Petrobras; Serviço Nacional de Aprendizagem Industrial - Departamento Regional de Santa Catarina	2020329019	LG Electronics Inc.
2019433556	Abiomed, Inc.	2020330380	Avidbots Corp; Molina Cabrera, P.
2019459456	Northquip Inc.	2020334237	Universität Basel
2019464926	CPC AG	2020335069	Nanjing Anji Biological Technology Co., Ltd.
2019468569	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2020338266	B. Braun Melsungen AG
2020200267	Nexus Construction Systems Pty Ltd	2020339511	Equinor Energy AS
2020201398	Syngenta Crop Protection AG	2020347875	Caroma Industries Limited; micas AG
2020202219	The Raymond Corporation	2020349005	ELAFLEX HIBY GmbH & Co. KG
2020203912	SCAIP S.p.A.	2020349487	Brady Worldwide, Inc.
2020206260	Apex Industrial Technologies LLC	2020349613	Danmarks Tekniske Universitet
2020207135	Kite Magnetix PTY LTD	2020357983	Dana-Farber Cancer Institute, Inc.
2020209256	Silen OU	2020359295	Disease Advisor Pty Ltd
2020209369	St-Georges Eco-Mining Corp.	2020363627	Landis+Gyr Technology, Inc.
2020209750	Simpson Strong-Tie Company Inc.	2020366525	Carnegie Mellon University
2020214547	HOERBIGER Wien GmbH	2020369806	Vestas Wind Systems A/S
2020217467	The University of Melbourne	2020370228	Philip Morris Products S.A.
2020223331	MyLand Company, LLC	2020371203	Floratek Pharma SA
2020224843	Suntory Holdings Limited	2020371295	Lupin Limited
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		2020377203	Silca S.p.A.
		2020380955	Xerxes Arthropedix, LLC
		2020381017	McGrath, B.; Waddington, G.
		2020394441	Novartis AG
		2020396061	Peck Tech Consulting Ltd.

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2020400432	Westgen Technologies Inc.	2022366200	ATC PERFORMANCE GMBH
2020403919	Sandvik Mining and Construction Oy	2022379888	KONINKLIJKE PHILIPS N.V.
2020405942	Gambro Lundia AB	2022384744	SUBSEA 7 LIMITED
2021200036	The Boeing Company	2022386411	CHENGDU ADVANCED METAL MATERIALS INDUSTRY TECHNOLOGY RESEARCH INSTITUTE CO., LTD
2021201429	Autochair Limited		
2021201607	Huawei Technologies Co., Ltd.	2022386471	HANSHOW TECHNOLOGY CO., LTD.
2021206225	Caterpillar Inc.	2022390153	CROSSIGNAL THERAPEUTICS, INC.
2021212017	Lift Plus Energy Solutions, Ltd.	2022399353	BAKER HUGHES OILFIELD OPERATIONS LLC
2021212699	Dondi S.p.A.	2022401381	BAKER HUGHES OILFIELD OPERATIONS LLC
2021217945	Laplace Interventional Inc.	2022403803	KOMATSU LTD.
2021218842	Rock Extraction Limited	2022403869	TRACY OF SWEDEN AB
2021219354	Medical Microinstruments, Inc.	2022404336	HAIER IOC ECOSYSTEM TECHNOLOGIES (SHANGHAI) CO., LTD.; HAIER SMART HOME CO., LTD.
2021220538	S.M.A.I.O.		
2021221498	Catchy Baby IP Pty Ltd	2022407147	VON MOHOS, Z.; LOPEZ, J.
2021221557	Lendlease Digital IP Pty Limited	2022415208	RIGEL PHARMACEUTICALS, INC.
2021226131	Steering Drivelines Australia Pty Ltd	2022425791	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
2021235395	DROTASTAR LLC	2022428247	KUBOTA CORPORATION
2021238275	Parker-Hannifin Corporation	2022431363	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2021269231	Alectos Therapeutics Inc.	2022433222	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2021282923	Atricon AB	2022433726	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2021299257	Halliburton Energy Services, Inc.	2022434160	CHANGCHUN SINOBIONOMATERIALS CO., LTD.
2021327106	Intelligent Lighting Technologies Inc.	2022444558	NIPPON STEEL CORPORATION
2021333118	Ceres Intellectual Property Company Limited	2022445514	NATIONAL TSING HUA UNIVERSITY
2021335509	F. HOFFMANN-LA ROCHE AG	2022457107	HALLIBURTON ENERGY SERVICES, INC.
2021343008	CHUGAI SEIYAKU KABUSHIKI KAISHA	2022457348	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU SHENGAN INDUSTRIAL SAFETY TESTING RESEARCH INSTITUTE CO., LTD.; XUZHOU UNIVERSITY OF TECHNOLOGY
2021366749	ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWERIES, LTD.	2022458803	GUANGDONG JIANERSHENG PHARMACEUTICAL TECHNOLOGY CO., LTD.
2021380759	OREGON TOOL, INC.	2022477089	ZTE CORPORATION
2021382842	THE BOOTS COMPANY PLC	2023201582	The Trustees of The University of Pennsylvania
2021384009	FUJIFILM CORPORATION	2023202339	The Heil Co.
2021400667	ITRON, INC.	2023203946	LG ELECTRONICS INC.
2021402908	ITRON, INC.	2023204627	Access Vascular, Inc.
2021402930	Mativ Luxembourg	2023204651	Nunhems B.V.
2021403357	VESTAS WIND SYSTEMS A/S	2023211896	PRG S&TECH INC.
2021420312	ZTE Corporation	2023212183	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2021480748	ZTE CORPORATION	2023213780	CHENGDU HENGHAO INNOVATIVE SCIENCE AND TECHNOLOGY CO., LTD.
2022203588	Ying, V.		
2022207858	CELLATOZ THERAPEUTICS, INC.	2023214304	The General Hospital Corporation
2022217799	AUTONOMOUS SOLUTIONS, INC.	2023214657	CARL FREUDENBERG KG
2022241636	CSL Limited	2023225672	WEAROPTIMO PTY LTD
2022254709	FLUID METERING, INC.	2023226675	MGA Entertainment, Inc.
2022256117	Io Therapeutics, Inc.	2023227606	KROSAKIHARIMA CORPORATION
2022261760	KOREA INSTITUTE OF OCEAN SCIENCE & TECHNOLOGY	2023228399	AERONES ENGINEERING, SIA
2022268305	Scholar Rock, Inc.	2023228446	KROSAKIHARIMA CORPORATION
2022268632	GIDARA ENERGY B.V.	2023230790	AVALO, INC.
2022268964	SHOALS TECHNOLOGIES GROUP, LLC	2023232840	NORDIC MINESTEEL TECHNOLOGIES INC.
2022271689	UNIVERSITY PUBLIC CORPORATION OSAKA; NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY; DAICEL CORPORATION	2023237187	Sage Products, LLC
2022279074	Team Wildfire Inc.	2023241151	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2022283635	Commonwealth Scientific and Industrial Research Organisation	2023241363	Edwards Lifesciences Corporation
2022293611	SHANGHAI LEADO PHARMATECH CO. LTD.	2023242518	SEKISUI HOUSE, LTD.
2022297752	MAHINDRA & MAHINDRA LIMITED	2023244113	SEKISUI HOUSE, LTD.
2022310507	Longeviti Neuro Solutions, Inc	2023244548	JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
2022313863	SUNGROW ENERGY STORAGE TECHNOLOGY CO., LTD.	2023248055	RAI Strategic Holdings, Inc.
2022320701	CONMED CORPORATION	2023250864	THOMSON REUTERS ENTERPRISE CENTRE GMBH
2022321358	LG ELECTRONICS INC.	2023257231	6 over 6 Vision Ltd.
2022321727	CREGANNA UNLIMITED COMPANY	2023258403	Team Conveyer Royalty A LLC
2022327698	WONDERLAND SWITZERLAND AG	2023263163	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2022327771	OCADO INNOVATION LIMITED	2023266347	Alcon Inc.
2022334961	MITOCHOLINE LTD	2023266396	Mindbody, Inc.
2022339684	LOGAN OUTDOOR PRODUCTS, LLC	2023266847	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2022340988	ALCON INC.	2023267075	CRRC QIQIHAR ROLLING STOCK CO., LTD.
2022348895	APPLE INC.	2023271151	CHENGDU DI'AO JIUHONG PHARMACEUTICAL FACTORY
2022355229	BYD COMPANY LIMITED		
2022356404	ZEAL INNOVATION LTD	2023278061	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd
2022358024	NEW-TEC INTEGRATION (XIAMEN) CO., LTD.		
2022360878	CHEVRON ORONITE COMPANY LLC; CHEVRON JAPAN LTD.; CHEVRON U.S.A. INC.		

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2023279694	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO-PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
2023282294	Arrinex, Inc.
2023285759	Arch Biopartners, Inc.
2023285783	Takeda Pharmaceutical Company Limited
2023285854	Tsao, Y.
2023347066	WEIR MINERALS AUSTRALIA LTD
2023350702	LAVA BLUE LTD
2023355064	INNER MONGOLIA MENGNIU DAIRY (GROUP) CO., LTD.
2023385499	STERILE STATE, LLC
2023388374	NANJING CHERVON INDUSTRY CO., LTD.
2023445932	YUM CONNECT, LLC
2023446733	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM IN-DONESIA NEW ENERGY MATERIALS
2024200121	Levation Pharma Ltd.
2024200289	Chongqing Changan Automobile Co., Ltd.
2024200478	Honor Device Co., Ltd.
2024200641	Uber Technologies, Inc.
2024200645	HONEYWELL INTERNATIONAL INC.
2024200653	Emergex, LLC
2024200953	National Oilwell Varco, LP.
2024201628	PTL Opco LLC
2024201678	Stramit Corporation Pty Limited
2024201778	RADEXEL INC.
2024201876	Wonderland Switzerland AG
2024201908	SUNRESIN NEW MATERIALS CO.LTD.
2024202082	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2024202338	Alpha Tau Medical Ltd.
2024203031	The Nielsen Company (US), LLC
2024203414	Shanghai Ocean University
2024203447	Channel Medsystems, Inc.
2024203867	Hologic, Inc.
2024204209	Wonderland Switzerland AG
2024204226	Alcon Inc.
2024204816	Skechers U.S.A., Inc. II
2024204989	Lindsay Transportation Solutions, LLC
2024205026	SAP SE
2024205607	Qingdao KingAgroot Chemical Compound Co., Ltd.
2024216350	Nextracker LLC
2024219835	Encore Medical, LP DBA DJO Surgical
2024219865	Binding Solutions Ltd
2024220099	Acer Incorporated
2024220158	2724889 Ontario, Inc.
2024227307	Celanese Eva Performance Polymers LLC
2024227473	Komatsu Ltd.
2024227544	WELLDON, INC.
2024227649	NORRIE, S.
2024230870	SUMITOMO OSAKA CEMENT CO.,LTD.
2024253789	EVE STREET DESIGNS PTY LTD.
2024264554	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2024264615	King Cho Machinery Industrial Co., Ltd.
2024266980	Precision Planting LLC
2024278149	Nuctech Company Limited; Tsinghua University
2024278498	Taizhou Tool-Bar Machinery Co., Ltd.
2024289730	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024335459	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024365800	ELC MANAGEMENT LLC
2025201193	MACLEON, LLC
2025201880	CHANGZHOU BEMATE HOME TECHNOLOGY CO., LTD.
2025204142	Valmont Australia Pty Limited
2025208504	1ST AVENUE NOVA, LLC
2025213574	Asynagro Company Limited; Hangzhou Qinong Biological Technology Co., Ltd
2025230741	Rearden, LLC
2025234180	KDB INTELLECTUAL PTY LTD

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<u>A01B 63 I/-</u>	<u>A01N 37 I/-</u>	2024220158	2020315634	<u>A61G 13 I/-</u>	<u>A61K 39 I/-</u>
2021212699	2019360020	<u>A47B 3 I/-</u>	2021220538	2023237187	2019207276
2022428247		2024220158	2022320701	<u>A61G 3 I/-</u>	2019215202
<u>A01B 69 I/-</u>	<u>A01N 43 I/-</u>	<u>A47B 37 I/-</u>	2023279694	2021201429	2019218319
2022428247	2019360020	2024220158	<u>A61B 18 I/-</u>		2019218400
<u>A01C 7 I/-</u>	<u>A01P 1 I/-</u>	<u>A47B 85 I/-</u>	2023282294	<u>A61G 7 I/-</u>	2019218959
2020250194	2019360020	2024220158	2024203447	2023237187	2019220495
<u>A01D 34 I/-</u>	<u>A01P 15 I/-</u>	<u>A47C 27 I/-</u>		<u>A61K 31 I/-</u>	2019288459
2023388374	2019360020	2022358024	2020328265	2019330954	2020334237
<u>A01D 41 I/-</u>	<u>A23B 4 I/-</u>	<u>A47D 1 I/-</u>	2023257231	2019360020	2020349613
2019203543	2022339684	2021221498	<u>A61B 3 I/-</u>	2019395338	2020394441
<u>A01D 45 I/-</u>	<u>A23C 19 I/-</u>	<u>A47D 13 I/-</u>	2020315634	2020241730	2021335509
2019203543	2023355064	2024204209	2021219354	2020247196	2022241636
<u>A01G 25 I/-</u>	<u>A23D 9 I/-</u>	<u>A47D 15 I/-</u>	<u>A61B 46 I/-</u>	2020258067	2022256117
2020217467	2019203743	2021221498	2020262932	2020271836	2022268305
<u>A01G 31 I/-</u>	<u>A23L 2 I/-</u>	<u>A47D 9 I/-</u>	2020272030	2020272057	2023285759
2019403480	2019404003	2024204209	2020272978	2020274430	<u>A61K 45 I/-</u>
<u>A01G 9 I/-</u>	2021366749	<u>A47G 7 I/-</u>	<u>A61B 5 I/-</u>	2020279954	2020349613
2019403480	<u>A23L 27 I/-</u>	2019403480	2020288273	2020291792	2022458803
<u>A01H 1 I/-</u>	2020224843	<u>A47J 37 I/-</u>	2020310921	2020309613	2020241730
2019274597	2021366749	2019250273	2020349613	2020357983	2020258067
2023204651	<u>A23L 29 I/-</u>	2022339684	2020381017	2020371203	2020262932
<u>A01H 5 I/-</u>	<u>A23L 33 I/-</u>	<u>A47L 11 I/-</u>	2022445514	2020371295	2022458803
2019203743	2020224843	2020330380	2023225672	2021235395	2023211896
2020201398	2022203588	2022431363	<u>A61B 6 I/-</u>	2021269231	2024203414
2023204651	2022334961	2022433726	2022203588	2022293611	<u>A61K 48 I/-</u>
<u>A01H 6 I/-</u>	<u>A23L 5 I/-</u>	<u>A47L 13 I/-</u>	2022293611	2022334961	2019325332
2019203743	2019404003	2023214657	2022334961	2022390153	<u>A61K 8 I/-</u>
2020201398	<u>A24F 47 I/-</u>	<u>A47L 5 I/-</u>	2022415208	2022434160	2021382842
<u>A01K 1 I/-</u>	<u>A43B 11 I/-</u>	<u>A47L 7 I/-</u>	2022458803	2022434160	2024365800
2019459456	2020224843	2020330380	2023211896	2022458803	<u>A61K 9 I/-</u>
<u>A01K 15 I/-</u>	<u>A43B 21 I/-</u>	2022431363	2023213780	2023211896	2019262059
2019459456	2023248055	2022433222	2023271151	2023285759	2019379434
<u>A01K 39 I/-</u>	2024204816	2022433726	<u>A61F 13 I/-</u>	2024200121	2020258067
2019335301	<u>A23L 5 I/-</u>	<u>A47L 13 I/-</u>	2024227649	2024203414	2020262932
<u>A01K 61 I/-</u>	<u>A24F 47 I/-</u>	2023214657	<u>A61F 2 I/-</u>	<u>A61K 35 I/-</u>	2020272057
2024203414	2020224843	2023214657	2019360728	2019299703	2020282027
<u>A01K 7 I/-</u>	<u>A43B 23 I/-</u>	2022321358	2020380955	2019360728	2020349613
2019335301	2023248055	2022321358	2021217945	2019360728	2021235395
<u>A01K 61 I/-</u>	2024204816	2022321358	2022310507	2019363610	2022203588
2024203414	2024204816	2022321358	2023241363	2022203588	2022458803
<u>A01K 7 I/-</u>	2024227649	2022321358	2023279694	2022207858	2023211896
2019335301	<u>A47B 13 I/-</u>	2022431363	2024201628	<u>A61K 36 I/-</u>	2023214304
		<u>A61B 10 I/-</u>	2024219835	2022203588	2024200121
		2020234829	2024227307	2024203414	2024203414
		<u>A61B 17 I/-</u>	<u>A61F 5 I/-</u>	<u>A61K 38 I/-</u>	2024227307
			2020257261	2019363610	<u>A61L 101 I/-</u>
			<u>A61F 9 I/-</u>	2020335069	2023385499
			2020268940	2022241636	<u>A61L 17 I/-</u>
				2023201582	2023204627
				2023285759	<u>A61L 2 I/-</u>

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		2022458803			2024278498
2019360728	2020335069	2023213780	2024203867	2023266847	<u>B25C 9 /-</u>
2023204627	2022203588	2023285759	<u>B01D 65 /-</u>	<u>B04C 9 /-</u>	
<u>A61L 29 /-</u>	2024200121	2024202338			2024278498
	<u>A61P 19 /-</u>	<u>A61P 37 /-</u>	2019401944	2023266847	<u>B25D 17 /-</u>
2023204627		2022390153	<u>B01F 23 /-</u>	<u>B05B 1 /-</u>	
<u>A61L 31 /-</u>	2020258067	2022415208			2021218842
	2020335069	<u>A61P 39 /-</u>	2023285783	2022254709	<u>B25J 11 /-</u>
2024227307	2022434160		<u>B01F 25 /-</u>	<u>B05B 17 /-</u>	
<u>A61M 1 /-</u>	<u>A61P 21 /-</u>	2022334961			2018455235
		2022458803	2023285783	2019335301	<u>B25J 13 /-</u>
2020268940	2022268305	<u>A61P 41 /-</u>	<u>B01F 35 /-</u>	<u>B05B 3 /-</u>	
<u>A61M 15 /-</u>	2022334961				2018455235
	2022434160	2022334961	2023285783	2019335301	<u>B25J 15 /-</u>
	2024200121				
2020370228	<u>A61P 23 /-</u>	<u>A61P 43 /-</u>	<u>B01J 13 /-</u>	<u>B05B 7 /-</u>	2018455235
<u>A61M 16 /-</u>					<u>B25J 19 /-</u>
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2021238275	2024203414	<u>A61P 5 /-</u>	<u>B01J 19 /-</u>	<u>B05B 9 /-</u>	2018455235
<u>A61M 25 /-</u>	<u>A61P 25 /-</u>				2020330380
		2022268305	2022271689	2022254709	
2019396336	2020274430	<u>A61P 9 /-</u>	2023285783	<u>B07C 5 /-</u>	<u>B25J 5 /-</u>
2020338266	2021269231		<u>B01J 20 /-</u>		
<u>A61M 37 /-</u>	2022207858	2020291792		2022271689	2018455235
	2022268305	2020335069	2023285783	2023266847	<u>B25J 9 /-</u>
	2022293611	2022241636	2024201908		
2022310507	2022334961	2022268305	<u>B01J 4 /-</u>	<u>B08B 1 /-</u>	2018455235
<u>A61M 5 /-</u>	2022390153	2022334961			2020330380
	2022434160	2023213780	2022254709	2022431363	
2020241730	2024203414	<u>A61Q 1 /-</u>	<u>B01J 41 /-</u>	<u>B08B 13 /-</u>	<u>B27B 17 /-</u>
<u>A61M 60 /-</u>	<u>A61P 27 /-</u>				
		2024365800	2020317550	2020330380	2021380759
2019433556	2021335509	<u>A61Q 19 /-</u>	<u>B01L 3 /-</u>	<u>B09B 101 /-</u>	<u>B28D 1 /-</u>
<u>A61N 1 /-</u>	2024200121				
	<u>A61P 29 /-</u>	2021382842	2020234829	2024230870	2021218842
2020257261		2024365800	2022321727	<u>B09B 3 /-</u>	<u>B29B 7 /-</u>
2023225672	2022293611	<u>A62C 27 /-</u>	2024203867		
2023241151	2022415208		<u>B01L 7 /-</u>	2024230870	2025201880
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	<u>A61P 3 /-</u>	<u>A62C 3 /-</u>	2024203867		
2024201778			<u>B02C 17 /-</u>	2023227606	2023285783
<u>A61N 5 /-</u>	2020247196	2022279074		2023228446	<u>B29C 48 /-</u>
	2020274430	<u>A62C 31 /-</u>	2018455235	<u>B22F 3 /-</u>	
2020349613	2020371203		<u>B02C 21 /-</u>		2019396336
2024201778	2021269231	2022279074		2024219835	2025201880
2024202338	2022268305	<u>A63B 24 /-</u>	2023266847	<u>B22F 5 /-</u>	<u>B29C 64 /-</u>
<u>A61P 1 /-</u>	2022334961		<u>B02C 23 /-</u>		
	2023213780	2020242082		2024219835	2020237344
	2023271151	<u>A63F 13 /-</u>	2018455235	<u>B23D 57 /-</u>	2020366525
2020274430	<u>A61P 31 /-</u>		<u>B03B 7 /-</u>		2023266347
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2022293611	<u>A61P 35 /-</u>	<u>A63H 33 /-</u>			2019396336
2022334961			2023266847	2020315094	<u>B29D 11 /-</u>
<u>A61P 11 /-</u>	2019218319	2020318880	<u>B03B 9 /-</u>		
	2019218959	2023226675		<u>B23P 19 /-</u>	2023266347
2020335069	2019395338	<u>B01D 15 /-</u>	2023266847		
<u>A61P 13 /-</u>	2020241730		<u>B03D 1 /-</u>	2018455235	<u>B32B 27 /-</u>
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2020272030	2020288273		2023266847		2019387174
	2020349613				

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2023266347	2022327771	B65G 47 /-	2023227606	C07D 401 /-	2023285759
2024219835	B60T 15 /-	2023258403	2023228446	2019395338	C07H 19 /-
B33Y 30 /-	2023267075	B66C 23 /-	C07C 323 /-	2020274430	2020233166
2020237344	B60T 5 /-	2020202219	2023285759	2020279954	C07H 21 /-
B33Y 40 /-	2022403803	2021201429	C07C 381 /-	2021269231	C07D 403 /-
2020366525	B60T 7 /-	B66F 9 /-	2023385499	2019395338	2020233166
B33Y 50 /-	2019407826	2023212183	C07C 51 /-	2020279954	C07K 1 /-
2020366525	B60T 8 /-	B67D 1 /-	2023278061	C07D 405 /-	2019218959
2024219835	2019407826	2023445932	C07C 63 /-	2020233166	C07K 14 /-
B33Y 80 /-	2024264554	B67D 7 /-	2023278061	2020274430	2019325332
2024219835	B60W 40 /-	2020349005	C07D 207 /-	2021269231	2020394441
B42D 25 /-	2024264554	2022254709	2022293611	2023271151	2022241636
2020349487	B61H 11 /-	B81B 7 /-	C07D 209 /-	C07D 409 /-	C07K 16 /-
B60B 19 /-	2023267075	2023225672	2020272978	2020274430	2019207276
2019416797	B62D 1 /-	B82Y 5 /-	C07D 211 /-	2021269231	2019218319
B60H 1 /-	2021226131	2019262059	2020274430	2022293611	2019218400
2022355229	B62D 57 /-	C01B 21 /-	2021269231	C07D 413 /-	2019218959
B60H 3 /-	2019416797	2023385499	C07D 231 /-	2020233166	2019232630
2022297752	B62D 6 /-	C01B 3 /-	2022293611	2020274430	2019288459
B60L 1 /-	2023388374	2023244548	C07D 233 /-	2021269231	2021335509
2022403803	B62D 63 /-	C01B 32 /-	2022293611	2022415208	2021343008
B60L 53 /-	2019407826	2022271689	C07D 239 /-	2023271151	2022241636
2022327771	B64D 1 /-	C01D 15 /-	2019395338	C07D 417 /-	2022256117
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2023242518	B64D 45 /-	C01F 7 /-	C07D 249 /-	2019395338	C07K 5 /-
B60L 58 /-	2020290027	2023350702	2022293611	2020233166	2023285759
2022403803	B65D 5 /-	C01G 31 /-	C07D 261 /-	2020274430	C07K 7 /-
B60L 7 /-	2021221498	2022386411	2019395338	2021269231	2020335069
2022403803	B65F 3 /-	C02F 1 /-	2022293611	2022293611	2023285759
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2022327698	B65G 1 /-	2019360020	2022293611	2019395338	2020317550
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2019407826	B65G 23 /-	2020285323	C07D 307 /-	2023271151	C08J 5 /-
B60R 15 /-	2019407375	C04B 111 /-	2022293611	C07D 487 /-	2020317550
2022297752	B65G 35 /-	C04B 26 /-	C07D 311 /-	2020288273	C08K 3 /-
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		C04B 28 /-	C07D 331 /-	C07D 491 /-	C08K 5 /-
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				2020310921	C09B 57 /-

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2020233166	2019325332	<u>C23C 28 /-</u>	<u>E03B 7 /-</u>	<u>E05B 1 /-</u>	2022399353
<u>C09D 175 /-</u>	<u>C12N 9 /-</u>	2022444558	2021400667	2019271986	2022401381
2020329019	2019327572	<u>C25B 1 /-</u>	2021402908		2022457107
<u>C09D 7 /-</u>	2019380861		<u>E03B 9 /-</u>	<u>E05B 13 /-</u>	<u>E21B 33 /-</u>
2020329019	2023201582	2021333118	2019335301	2019264652	2022384744
	2023285759	2022261760		2019271986	<u>E21B 34 /-</u>
	2024205607	<u>C25B 9 /-</u>	<u>E03D 13 /-</u>	<u>E05B 15 /-</u>	2022399353
<u>C10G 2 /-</u>	<u>C12P 19 /-</u>	2021333118	2020347875	2019271986	2022401381
2023244548	2019380861	2022261760	<u>E03D 5 /-</u>	2020278940	2022457107
<u>C10J 3 /-</u>	<u>C12Q 1 /-</u>	<u>C30B 33 /-</u>	2020347875	2022356404	<u>E21B 4 /-</u>
2022268632	2019274597	2020272057	<u>E03D 9 /-</u>	<u>E05B 17 /-</u>	2024200953
<u>C10L 1 /-</u>	2019276719	<u>D01D 5 /-</u>	2020347875	2019271986	<u>E21B 41 /-</u>
2020273616	2019280973	2023204627	<u>E04B 1 /-</u>	2020278940	2020400432
2022360878	2019364418	<u>D01F 6 /-</u>	2020200267	<u>E05B 33 /-</u>	2021299257
<u>C10L 10 /-</u>	2021384009	2023204627	2020209256	2019271986	<u>E21B 43 /-</u>
2022360878	2022207858	<u>D06F 35 /-</u>	2020209750	<u>E05B 47 /-</u>	2021212017
<u>C10L 5 /-</u>	2022283635	2024253789	2021221557	2019264652	2021299257
	<u>C21C 5 /-</u>		2023244113	2020278940	2023263163
2022268632	2024219865	<u>D06F 39 /-</u>	<u>E04B 2 /-</u>	<u>E05B 63 /-</u>	<u>E21B 44 /-</u>
<u>C11B 1 /-</u>	<u>C22B 1 /-</u>	2022404336	2021282923	2019271986	2020294261
2019203743	2024219865	<u>D06F 45 /-</u>	<u>E04B 5 /-</u>	<u>E05B 65 /-</u>	2020396061
<u>C12C 5 /-</u>	<u>C22B 21 /-</u>	2024253789	2019464926	2019271986	<u>E21B 47 /-</u>
2021366749	2023350702	<u>D06F 51 /-</u>	2021221557		2023263163
<u>C12G 3 /-</u>	<u>C22B 26 /-</u>	2024253789	<u>E04C 2 /-</u>	<u>E05B 67 /-</u>	<u>E21B 49 /-</u>
2021366749	2020209369	<u>D06F 58 /-</u>	2021282923	2022356404	2020259398
<u>C12M 1 /-</u>	2024201908	2020329019	<u>E04C 3 /-</u>	<u>E05B 71 /-</u>	2023263163
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<u>C12N 1 /-</u>	2023350702	<u>E01F 15 /-</u>	2021282923	<u>E05B 83 /-</u>	2020294261
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<u>C12N 15 /-</u>	2023350702	2020339511	2019464926	<u>E05C 3 /-</u>	<u>E21F 13 /-</u>
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2019325332	2023446733	2020339511	<u>E04D 3 /-</u>	<u>E05D 15 /-</u>	<u>F02B 63 /-</u>
2019327572	<u>C22C 33 /-</u>	2021218842	2024201678	2020373269	2020400432
2019349873	2020207135	<u>E02D 7 /-</u>	<u>E04G 15 /-</u>	<u>E05F 5 /-</u>	<u>F03D 1 /-</u>
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2019380861	2020207135	2020403919	<u>E04G 17 /-</u>	<u>E06B 11 /-</u>	<u>F03D 13 /-</u>
2020232618	<u>C22C 45 /-</u>	2021218842	2020200267	2020373269	2022261760
2020291792	2020207135	<u>E02F 5 /-</u>	<u>E04G 21 /-</u>	<u>E06B 3 /-</u>	<u>F03D 15 /-</u>
2021343008	<u>C23C 2 /-</u>	2020203912	2020200267	2020373269	2020369806
2024205607	2022444558	<u>E02F 9 /-</u>	<u>E04H 1 /-</u>	<u>E21B 21 /-</u>	<u>F03D 80 /-</u>
<u>C12N 5 /-</u>	<u>C23C 22 /-</u>	2020403919	2020209256	2023263163	2022261760
2019207276	2022444558	<u>E04H 12 /-</u>	2020294261	<u>E21B 23 /-</u>	2023228399
2019218319					
2020334237					
2022207858					
2024205607					
<u>C12N 7 /-</u>					

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<u>F03D 9 /-</u>	2020203912	<u>F41A 17 /-</u>	<u>G01N 29 /-</u>	<u>G06F 16 /-</u>	2024202082
2022261760	<u>F16L 3 /-</u>	2019358194	2023263163	2020359295	<u>G06V 20 /-</u>
<u>F04B 17 /-</u>	2022268964	<u>F41A 21 /-</u>	<u>G01N 33 /-</u>	2023250864	2022403869
2020269404	<u>F16M 11 /-</u>	2022366200	2018397152	2024227544	<u>G08B 25 /-</u>
2020269923	2024216350	<u>F41G 3 /-</u>	2018397330	2023225672	2019358194
<u>F04B 35 /-</u>	<u>F16N 3 /-</u>	2019358194	2019218400	<u>G06F 18 /-</u>	<u>G08C 23 /-</u>
2020269923	2024264615	<u>F42B 5 /-</u>	2019232630	<u>G06F 3 /-</u>	<u>G08C 23 /-</u>
<u>F04B 39 /-</u>	<u>F16N 5 /-</u>	2022366200	2020217467	2022348895	2025201193
2020214547	2024264615	<u>G01B 11 /-</u>	2022207858	2022379888	<u>G09F 9 /-</u>
<u>F04B 7 /-</u>	<u>F21K 9 /-</u>	2020330380	2023225672	2023266396	2022386471
2022254709	2021327106	2020377203	2023263163	2024200289	<u>G16B 20 /-</u>
<u>F04D 29 /-</u>	<u>F21V 15 /-</u>	<u>G01D 4 /-</u>	2024200645	2024200478	<u>G16B 20 /-</u>
2023347066	2021327106	2020363627	2024266980	<u>G06F 30 /-</u>	2019274597
<u>F04D 7 /-</u>	<u>F21V 19 /-</u>	<u>G01F 1 /-</u>	<u>G01N 35 /-</u>	2024219835	2023230790
2023347066	2021327106	2023263163	2020234829	<u>G06F 9 /-</u>	<u>G16B 25 /-</u>
<u>F04F 1 /-</u>	<u>F21V 25 /-</u>	<u>G01F 25 /-</u>	2024203867	2024200289	2023230790
2021212017	2021327106	2021400667	2024266980	2024200641	<u>G16B 40 /-</u>
<u>F15B 1 /-</u>	<u>F21V 29 /-</u>	2021402908	<u>G01S 13 /-</u>	<u>G06K 19 /-</u>	2023230790
2023212183	2021327106	<u>G01G 17 /-</u>	2022217799	2020349487	<u>G16H 20 /-</u>
<u>F16B 12 /-</u>	2025201193	2020231150	<u>G01S 17 /-</u>	<u>G06N 20 /-</u>	2020242082
2024220158	<u>F21V 5 /-</u>	<u>G01G 23 /-</u>	2024278149	2024200653	2020298305
<u>F16C 17 /-</u>	2021327106	2020231150	<u>G01S 5 /-</u>	<u>G06N 5 /-</u>	2024227544
2021206225	<u>F21V 7 /-</u>	<u>G01M 11 /-</u>	2024200645	2023225672	<u>G16H 40 /-</u>
<u>F16C 29 /-</u>	2021327106	2023257231	2024204226	<u>G06N 7 /-</u>	2020298305
2021218842	<u>F24B 13 /-</u>	<u>G01M 13 /-</u>	<u>G02B 6 /-</u>	2023230790	<u>G16H 50 /-</u>
<u>F16C 35 /-</u>	2022339684	2020330380	2020279129	<u>G06Q 10 /-</u>	2020298305
2021206225	<u>F24B 5 /-</u>	<u>G01M 3 /-</u>	2022386471	2020206260	2020359295
<u>F16D 51 /-</u>	2022339684	2022457348	2025201193	<u>G06Q 30 /-</u>	2023225672
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<u>F16D 65 /-</u>	<u>F24F 7 /-</u>	<u>G01M 3 /-</u>	<u>G02F 1 /-</u>	2023241151	<u>H01F 38 /-</u>
2019385151	2020209256	2022457348	2021402930	2023266396	2021200036
<u>F16H 1 /-</u>	<u>F24S 30 /-</u>	<u>G01N 1 /-</u>	<u>G05B 23 /-</u>	<u>G06Q 50 /-</u>	<u>H01F 41 /-</u>
2021226131	2024216350	2024203867	2020298305	2020206260	2020207135
<u>F16H 57 /-</u>	<u>F28D 15 /-</u>	2024266980	2020347875	2024227473	<u>H01L 23 /-</u>
2021226131	2025201193	<u>G01N 15 /-</u>	2023225672	<u>G06T 11 /-</u>	2024289730
<u>F16J 15 /-</u>	<u>F28F 19 /-</u>	2022271689	<u>G06F 1 /-</u>	2024278149	<u>H01M 10 /-</u>
2020214547	2020329019	<u>G01N 21 /-</u>	2020318880	<u>G06T 15 /-</u>	2020209369
<u>F16L 1 /-</u>		2024266980	<u>G06F 11 /-</u>	2022348895	2021402930
		<u>G01N 23 /-</u>	2024200641	<u>G06T 17 /-</u>	2022313863
		2024278149	<u>G06F 12 /-</u>	2023266396	<u>H01M 50 /-</u>
		<u>G01N 27 /-</u>	2024205026	<u>G06T 19 /-</u>	2018220113
		2020217467	<u>G06F 15 /-</u>	2022348895	2022313863
		2023225672	2024227544	<u>G06T 7 /-</u>	<u>H01M 8 /-</u>

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2020317550	2020285552	<u>H04W 84 /-</u>
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2023242518		2020347875
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2025204142	<u>H04L 5 /-</u>	2022386471
<u>H01S 3 /-</u>		2023203946
	2025230741	2025234180
2022340988	<u>H04L 67 /-</u>	<u>H05K 7 /-</u>
<u>H02G 13 /-</u>		2025234180
	2019358194	
2020290027	2020347875	<u>H05K 9 /-</u>
<u>H02H 9 /-</u>	<u>H04L 9 /-</u>	2025234180
2020290027	2020405942	<u>H10D 1 /-</u>
<u>H02J 13 /-</u>	<u>H04N 13 /-</u>	2020232270
2020363627	2024202082	<u>H10D 84 /-</u>
<u>H02J 3 /-</u>	<u>H04N 19 /-</u>	2020232270
2020363627	2020236358	<u>H10D 86 /-</u>
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2025208504	2021201607	2020232270
<u>H02J 5 /-</u>	<u>H04N 21 /-</u>	<u>H10F 19 /-</u>
2021200036	2022348895	2022425791
<u>H02J 50 /-</u>	<u>H04W 12 /-</u>	2024335459
2021200036	2020405942	
2023241151	2024203031	
<u>H02J 7 /-</u>	<u>H04W 24 /-</u>	
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2023241151		
2023242518	<u>H04W 28 /-</u>	
<u>H02J 9 /-</u>		
	2021480748	
2020400432	<u>H04W 36 /-</u>	
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	2024220099	
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<u>H02M 7 /-</u>	2020330380	
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	2022477089	
<u>H02S 10 /-</u>	2025230741	
2023242518	<u>H04W 72 /-</u>	
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	2019468569	
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	2024220099	
<u>H02S 30 /-</u>	2025230741	
2024216350	<u>H04W 74 /-</u>	
<u>H04B 5 /-</u>		
	2020276531	
2021200036	<u>H04W 8 /-</u>	
<u>H04B 7 /-</u>		
	2022477089	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Dismissed - Proceed to Grant

2019202407 **Britax Childcare Pty Ltd** (Dorel Australia Pty Ltd)

Patents Granted**Standard Patents**

2018280129	2018330165	2018330180	2018338322
2018342007	2018346295	2018353409	2018359219
2018363983	2018379502	2018422285	2018441886
20192227910	2019229400	2019234726	2019240901
2019247652	2019248547	2019249329	2019264879
2019269666	2019275109	2019277270	2019286402
2019299110	2019301578	2019305857	2019309213
2019313604	2019314565	2019321654	2019333566
2019334801	2019336610	2019336798	2019336839
2019338239	2019342133	2019343003	2019346563
2019347423	2019347855	2019349729	2019351578
2019356414	2019356491	2019361980	2019364649
2019366472	2019370901	2019374115	2019378126
2019382044	2019384557	2019387435	2019390705
2019391691	2019392518	2019395196	2019395284
2019397364	2019397932	2019398462	2019400552
2019404576	2019405977	2019411267	2019422740
2019432936	2019441369	2020200185	2020200549
2020200818	2020206874	2020209871	2020211015
2020213270	2020215103	2020215829	2020218361
2020219111	2020219292	2020219377	2020219836
2020223375	2020223777	2020225674	2020228386
2020230457	2020231380	2020231702	2020234788
2020235933	2020236496	2020240153	2020244290
2020245362	2020246373	2020251798	2020252003
2020253978	2020255432	2020257561	2020261513
2020262392	2020262505	2020267906	2020270518
2020272659	2020280673	2020287606	2020288978
2020290268	2020290333	2020292544	2020294393
2020295671	2020306618	2020310470	2020310491
2020310533	2020310897	2020314724	2020315740
2020317369	2020320451	2020327365	2020333886
2020351308	2020355582	2020359501	2020381987
2020402208	2020413304	2020426033	2020443050
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2021219159	2021242300	2021255679	2021265834
2021267381	2021268555	2021280230	2021306423
2021313159	2021373176	2021390139	2021405048
2021411489	2021449745	2021454472	2021457727
2022203679	2022203800	2022204080	2022205234
2022212109	2022213941	2022219344	2022221441
2022221471	2022224418	2022232475	2022244259
2022245277	2022248847	2022252693	2022255520
2022263070	2022263594	2022270070	2022270897
2022274793	2022274870	2022279551	2022280948
2022287637	2022293965	2022301201	2022302746
2022306427	2022323499	2022327029	2022339118
2022339804	2022362215	2022363358	2022376208
2022396146	2022401201	2022402570	2022406194
2022408196	2022416060	2022441542	2022446867
2023202731	2023203304	2023203431	2023203655
2023204007	2023204066	2023204714	2023208097
2023208208	2023212996	2023213873	2023216819
2023219933	2023221195	2023223005	2023224485
2023226534	2023226788	2023237024	2023237037
2023237104	2023237222	2023241320	2023241345
2023248189	2023248739	2023250352	2023259796
2023266322	2023270346	2023274076	2023274116
2023274152	2023274213	2023282322	2023283819
2023285769	2023285819	2023335871	2023339194

Patents Granted**Standard Patents**

2023361441	2023369167	2023370169	2023384992
2023387355	2023437650	2024200016	2024200274
2024200276	2024200373	2024200602	2024200608
2024200651	2024201361	2024202543	2024202668
2024202883	2024203606	2024203670	2024204105
2024204474	2024204488	2024204735	2024205779
2024216438	2024219748	2024227778	2024233114
2024240122	2024264561	2024266971	2024267007
2024278444	2025200127	2025200556	2025202012
2025203262	2025203478		

Innovation Patents

2025100016

Assignments Registered

2010333540 Aluminum Corporation of China Limited The patent has been assigned to **Zhengzhou Non-ferrous Metals Research Institute Co.Ltd of Chinalco**

2012318331 Next Science IP Holdings Pty Ltd The patent has been assigned to **Osartis GmbH**

2012386298 Aluminum Corporation of China Limited The patent has been assigned to **Zhengzhou Non-ferrous Metals Research Institute Co.Ltd of Chinalco**

2013232534 Hobie Cat Company, a Missouri Corporation The patent has been assigned to **White River Marine Group, LLC.**

2013345195 Hobie Cat Company, a Missouri Corporation The patent has been assigned to **White River Marine Group, LLC.**

2014259670 Next Science IP Holdings Pty Ltd The patent has been assigned to **Osartis GmbH**

2014284475 Hobie Cat Company, a Missouri Corporation The patent has been assigned to **White River Marine Group, LLC.**

2014367005 Hobie Cat Company The patent has been assigned to **White River Marine Group, LLC.**

2015261645 Next Science IP Holdings Pty Ltd The patent has been assigned to **Osartis GmbH**

2015284505 Hobie Cat Company The patent has been assigned to **White River Marine Group, LLC.**

2015309939 Asahi Kasei Medical Co., Ltd. The patent has been assigned to **Asahi Kasei Life Science Corporation**

2015349590 Gregory Commercial Furniture Pty Limited The patent has been assigned to **JasonL Pty Limited**

2016203998 Hobie Cat Company, a Missouri Corporation The patent has been assigned to **White River Marine Group, LLC.**

2016221293 Frutarom Limited The patent has been assigned to **Fresenius Kabi Deutschland GmbH**

2016239198 JENOPTIK Traffic Solutions UK Ltd The patent has been assigned to **JENOPTIK UK Ltd.**

2016274564 Vollast GmbH The patent has been assigned to **FlexHome.Energy GmbH**

2016342092 Next Science IP Holdings Pty Ltd The patent has been assigned to **Osartis GmbH**

2017232218 Next Science IP Holdings Pty Ltd The patent has been assigned to **Osartis GmbH**

Assignments Registered

2017245025 Asahi Kasei Medical Co., Ltd. The patent has been assigned to **Asahi Kasei Life Science Corporation**

2018200520 Next Science IP Holdings Pty Ltd The patent has been assigned to **Osartis GmbH**

2018263992 Veritiv Packaging Solutions The patent has been assigned to **SOLORA FRESH USA INC.**

2018269275 Changzhou AMPK health Biotechnology Co., Ltd. The patent has been assigned to **Amcure Biosciences Pte. Ltd.**

2018284707 Asahi Kasei Medical Co., Ltd. The patent has been assigned to **Asahi Kasei Life Science Corporation**

2018291992 Intelligent Agricultural Solutions LLC The patent has been assigned to **Precision Planting LLC**

2018319543 Hobie Cat Company The patent has been assigned to **White River Marine Group, LLC.**

2018367660 Next Science IP Holdings Pty Ltd The patent has been assigned to **Osartis GmbH**

2018422051 AAG Wearable Technologies Pty Ltd The patent has been assigned to **AAG Holdings Pty Ltd**

2019202821 Gregory Commercial Furniture Pty Limited The patent has been assigned to **JasonL Pty Limited**

2019204641 JENOPTIK Traffic Solutions UK Ltd The patent has been assigned to **JENOPTIK UK Ltd.**

2020200458 Veritiv Packaging Solutions The patent has been assigned to **SOLORA FRESH USA INC.**

2020233747 JENOPTIK Traffic Solutions UK Ltd The patent has been assigned to **JENOPTIK UK Ltd.**

2020255772 Asahi Kasei Medical Co., Ltd. The patent has been assigned to **Asahi Kasei Life Science Corporation**

2020325770 Aprinoia Therapeutics Limited The patent has been assigned to **Aprinoia Therapeutics Limited**

2021261807 THE SECOND AFFILIATED HOSPITAL OF GUANGZHOU MEDICAL UNIVERSITY; GUANGZHOU MEDICAL UNIVERSITY The patent has been assigned to **Guangzhou Medical University Property Operation Limited Corporation**

2021356885 YUEXIN CONTEMPORARY AMPEREX TECHNOLOGY CO., LTD The patent has been assigned to **Yuexin Xiangong Intelligent Equipment (Henan) Co., Ltd.**

2021392478 ASAH KASEI MEDICAL CO., LTD. The patent has been assigned to **Asahi Kasei Life Science Corporation**

2022200778 Next Science IP Holdings Pty Ltd The patent has been assigned to **Osartis GmbH**

2023336073 QUAD S CONTROLS PTY LTD The patent has been assigned to **GREYLING, Johannes**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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.

2015348633 **Ascendis Pharma Endocrinology Division A/S**

The earliest first regulatory approval date provided by the patentee 23 May 2025

For the goods SKYTROFA lonapegomatropin

Address for service : Pizzey's Patent and Trade Mark Attorneys Pty Ltd
GPO Box 1374 Brisbane QLD 4001 AU

Corrigenda

In Vol 59 , No 43 , Page(s) 5866 under the heading **Amendments - Amendments Made** Please delete all reference to Patent Application 2020273465

Specifications Republished

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

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