



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

Using the Indices To Find Patent Information if You Know the Name of the Applicant.

Use the Name Indices. They will give you the following information identified by their INID number:

<u>ITEM</u>	<u>INID</u> <u>No.</u>	<u>ITEM</u>	<u>INID</u> <u>No.</u>
A) Provisional applications filed - Name Index		B) Complete application filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The Provisional application <u>number</u>	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
<u>Inventors names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.

1. To Find Information About a Patent Application if You Know its Number.

Use the appropriate numerical index. This will give you the name of the applicant from the number. You will then need to use the appropriate Name Index as above to find out other information about the Patent Application you are interested in.

The following Numerical Indices are available:

- A) **Provisional** Applications filed.
- B) **Complete** Applications filed.
- C) Innovation Applications filed.
- D) Applications **Open to Public Inspection**.
- E) Applications **Accepted**.
- F) Innovation Patent Certified

3. To Find Information About Patent Documents in the Area of Technology in which You are Interested if You Know the International Patent Classification Mark for that Area.

All patent applications are classified according to their subject matter using the International Patent Classification (IPC). Although the system is very detailed and covers all technologies, knowledge of the IPC marks of the technologies you are interested in will allow you to find patent documents in these technologies quite easily. To identify the IPC marks of technologies you are interested in, you can inspect relevant documentation in any of AIPO's state offices.

The indices to use are

- A) Applications **OPI** - IPC Index
- B) Applications **accepted** - IPC Index.

These indices give you the numbers of the applications which are either OPI or Accepted and are listed in order of their IPC marks.

Once you have the numbers of the documents that interest you, consult the relevant Number Index (see 2. above) to find the applicant's name, and then the Name Index (see 1. above) to find out the details of that application.

'INID' NUMBERS in use on Australian Patent Documents

'INID' is an acronym for 'Internationally agreed Numbers for the Identification of Data'.

(10) Document identification

- (11) Number of the document
- (12) Plain language designation of the kind of document
- (19) WIPO country code, or other identification, of the country publishing the document.

(20) Document filing data

- (21) Number(s) assigned to the application(s).
- (22) Date(s) of filing application(s)
- (23) Other date(s) of filing, including exhibition filing date and date of filing complete specification following provisional specification.
- (24) Date from which industrial property rights may have effect.

(30) Priority data

- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filing priority application(s)
- (33) Country (countries) in which the priority application(s) was (were) filed.

(40) Date(s) of making available to the public

- (43) Date of publication by printing or similar process of an unexamined document, on which no grant has taken place on or before the said date.

- (43) Date of publication by printing or similar process of an examined document, on which no grant has taken place on or before the said date.
- (44) Date of publication by printing or similar process of a document, on which grant, or certification has taken place on or before the said date.

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

(60) Reference(s) to other legally related domestic document(s)

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

(80) Identification of data related to International Conventions other than the Paris Convention

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

- (1) Australian patent documents published on or after 26 October 1978 should be referred to by the application number preceded by the prefix AU-A or AU-B.

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:
- 1987-2022 Volume 1 - 36
 - 2023 - Volume 57 -

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Pairoj Suktarachan [2025] APO 24

Patent Application:	2020201206
Title:	RogerRoj SocialScience BioInformatic WealthManagement FinancialServices Reformulation
Patent Applicant:	Pairoj Suktarachan
Delegate:	Dr S. J. Smith
Decision Date:	31 July 2025
Hearing Date:	Written submissions filed on 5 June 2025
Catchwords:	PATENTS – section 223 – extension of time to gain acceptance – whether failure to gain acceptance was due to an Office error – whether circumstances beyond control caused failure to gain acceptance – extension of time refused
Representation:	Applicant was self-represented.

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 29 Jul 2025 .

(71) adhikari, c. (21) 2025903423 (22) 03.08.2025 (54) A wearable garment system designed to deliver low-level, non-invasive frequencies to the human body via conductive textile elements, controlled by a mobile application. This invention enables users to select from a range of frequency programs (e.g. calming, focus, sleep) to support emotional and physiological well-being. The garment system is especially suited for use in infants, aged care, and wellness applications, offering a non-pharmaceutical method of subtle biofield modulation.	(71) Attey, G. (21) 2025903435 (22) 04.08.2025 (54) Improvements in the Preservation of Bottled Wine	(71) Bertino-Clarke, A. (21) 2025903396 (22) 01.08.2025 (54) Aquinian: Dual-Engine AI System for Theological Arbitration and Moral Reasoning
(71) AGTRONICS GOONDIWINDI PTY LTD (21) 2025903347 (22) 31.07.2025 (54) Control system and method for an agricultural arrangement	(71) Auckland Uniservices Limited; Kelvius Limited (21) 2025903379 (22) 01.08.2025 (54) APPARATUS, SYSTEM AND METHODS	(71) Bertino-Clarke, A. (21) 2025903397 (22) 01.08.2025 (54) CarCounsel: Multimodal AI System for Automotive Diagnostics, Blockchain Transactions, Federated Crash Response, and Augmented Reality Repair Guidance.
(71) A M Urban Solutions Pte Ltd (21) 2025903306 (22) 29.07.2025 (54) Electric barrier	Barton, N. see Darkwake Pty Ltd (21) 2025903362	(71) Bertino-Clarke, A. (21) 2025903398 (22) 01.08.2025 (54) MIA: Dual-Engine AI Platform for Multimodal Clinical Inference, Symbolic Drift Detection, and Redacted Forensic Logging
(71) Analog Quantum Circuits Pty Ltd (21) 2025903387 (22) 01.08.2025 (54) Microwave amplifier	Barton, N. see Darkwake Pty Ltd (21) 2025903364	(71) Bertino-Clarke, A. (21) 2025903415 (22) 03.08.2025 (54) Federated Symbolic Inference and Arbitration System for Multimodal AI with Trauma-Informed Override and Evidentiary Compliance
ANIL, A. see HUMBLE BEE LIMITED (21) 2025903378	Barton, N. see Darkwake Pty Ltd (21) 2025903365	(71) BFRE Pty Ltd (21) 2025903416 (22) 03.08.2025 (54) Improvements in pod slab construction
(71) Archer, D. (21) 2025903308 (22) 30.07.2025 (54) Process for regeneration of saline, sodic and acid soils	Barton, N. see Darkwake Pty Ltd (21) 2025903366	(71) BFRE Pty Ltd (21) 2025903417 (22) 03.08.2025 (54) Improvements in foil insulation systems
(71) Archer, D. (21) 2025903309 (22) 30.07.2025 (54) Method of Enabling and Increasing Crop Growth on Non-Limiting, Saline, Sodic and Acid Soils	(71) Beaumont, A. (21) 2025903376 (22) 01.08.2025 (54) Resource Mines turned into Govt leased landfill areas for general waste	(71) bondfield, I. (21) 2025903358 (22) 31.07.2025 (54) Surf skill recognition and progression system
	(71) Beaumont, A. (21) 2025903402 (22) 02.08.2025 (54) The Golden Eagle	

Provisional Applications Filed - Name Index cont'd

(71) Bourke, A.
(21) 2025903412 (22) 03.08.2025
(54) Reusable finger sleeve tool for opening beverage containers

(71) Bozinovski, I.
(21) 2025903430 (22) 04.08.2025
(54) light emitting diodes (LED) BUS STOP LIGHT POLE WITH TRANSMITTER RECEIVER TO RECEIVE SIGNAL

(71) bradford, h.
(21) 2025903303 (22) 29.07.2025
(54) Wearable Nurse Light with Integrated Digital Clock and Dual LED Modes

BRENDON LEE COOK see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2025903349

(71) Breville Pty Limited
(21) 2025903371 (22) 31.07.2025
(54) Kitchen appliance

(71) BRGP Enterprises Pty Ltd
(21) 2025903432 (22) 04.08.2025
(54) Multilingual visa application form filler

(71) Bywater, G.
(21) 2025903382 (22) 01.08.2025
(54) A METHOD FOR PRODUCING A PALATABLE SAVORY FOOD INGREDIENT FROM BREWER'S SPENT GRAIN AND COMPOSITIONS THEREOF

(71) Callow, A.
(21) 2025903331 (22) 30.07.2025
(54) TintSwitch™ Platform Technology for Reversible Colour-Adaptive Films

(71) Carter, M.
(21) 2025903406 (22) 02.08.2025
(54) Patent Specification: Recursive Damping Law for Curvature Regulation, Recursive π Algorithms, and Applications

(71) Carter, M.
(21) 2025903414 (22) 03.08.2025
(54) Recursive Artificial Intelligence, Communications, Quantum Computing, and Medical Diagnostics

(71) Centre for Eye Research Australia Ltd
(21) 2025903356 (22) 31.07.2025
(54) RNA base gene editing systems

CHANG, D. see HUMBLE BEE LIMITED
(21) 2025903378

(71) Chung, D.
(21) 2025903401 (22) 01.08.2025
(54) Collective Compute

(71) CMTE Development Limited
(21) 2025903431 (22) 04.08.2025
(54) Method and system for sensitising hydrogen peroxide based explosives

(71) Coxhill, J.
(21) 2025903300 (22) 29.07.2025
(54) Display Case Assembly with Controlled Diffuse Illumination

(71) Darkwake Pty Ltd; Barton, N.
(21) 2025903362 (22) 31.07.2025
(54) Autonomous Multi-Agent Maritime Search System Using Coordinated Aerial, Surface, and Subsurface Vehicles with AI-Based Grid Protocols

(71) Darkwake Pty Ltd; Barton, N.
(21) 2025903363 (22) 31.07.2025
(54) Autonomous Communication Recovery and Relay System for Unmanned Multi-Agent Vehicles

(71) Darkwake Pty Ltd; Barton, N.
(21) 2025903364 (22) 31.07.2025
(54) Autonomous UAV Docking System with Automated Battery Swapping and Modular Sensor Exchange for Mission Adaptability

(71) Darkwake Pty Ltd; Barton, N.
(21) 2025903365 (22) 31.07.2025
(54) Cooperative Multi-Domain System Using Autonomous Aerial, Surface, and Underwater Vehicles with Shared Sensor Intelligence

(71) Darkwake Pty Ltd; Barton, N.
(21) 2025903366 (22) 31.07.2025
(54) Autonomous Aquatic Detection and Alert System for Unintentional Water Entry Events

(71) Darkwake Pty Ltd; Barton, N.
(21) 2025903367 (22) 31.07.2025
(54) Unmanned Aerial-Aquatic Rescue Apparatus with Autonomous Body Retrieval System

(71) Dcapo
(21) 2025903307 (22) 30.07.2025
(54) Non-Destructive Audio Editing Plugin for Automated Silence Removal and Fading

(71) DHADDEY, R.; Schneider, C.D.
(21) 2025903427 (22) 04.08.2025
(54) A modular flat packed cabin that uses a unique joinery system that requires no tools to assemble

(71) Dim, Y.
(21) 2025903324 (22) 30.07.2025
(54) Portable Air Purifier with Integrated Dust Visualization Using Green Laser Light

(71) DOT DESIGN GROUP PTY LTD
(21) 2025903368 (22) 31.07.2025
(54) Self-Restocking Refrigerated Can Dispenser with Integrated Misting and Dynamic Lighting

(71) Draco Shield Pty Ltd
(21) 2025903372 (22) 31.07.2025
(54) Draco Shield Window Tinting Quoting Engine

(71) Elchakik, K.
(21) 2025903317 (22) 30.07.2025
(54) Pop out - blue light reducer phone case / clip on phone case

Ellacott, B. see White, G.
(21) 2025903451

(71) Enzttec Limited
(21) 2025903318 (22) 30.07.2025
(54) Instrument for Orientating a Tibia Resection

(71) etwall park pty ltd
(21) 2025903460 (22) 05.08.2025
(54) SYSTEM AND METHOD FOR THERMO-CONDITIONED CO-GASIFICATION OF BIOMASS AND PLASTIC WASTE

(71) european concrete and design group Pty Ltd; johansson, e.
(21) 2025903421 (22) 03.08.2025
(54) "Formlock" : Portable Fall Arrest System with Telescopic Pole, Integrated Inertia Reel, and Collapsible Spider Foot Anchoring Base"

(71) EVO HASS PTY LTD
(21) 2025903428 (22) 04.08.2025
(54) SYSTEM AND METHOD OF ASSESSING RIPENESS OF PLANT-BASED FOOD ITEMS

(71) Ferris, T.
(21) 2025903370 (22) 31.07.2025
(54) A Bib

Provisional Applications Filed - Name Index cont'd

(71) Flux IP Pty Ltd
(21) 2025903357 (22) 31.07.2025
(54) Modular Intelligent Power Distribution and Management System

(71) FONTERRA CO-OPERATIVE GROUP LIMITED; JAMES ROBERT JONES; BRENDON LEE COOK
(21) 2025903349 (22) 31.07.2025
(54) PROCESS AND CONTAINER

(71) Garcia, P.
(21) 2025903409 (22) 02.08.2025
(54) Smart Tradie Glasses with AI Integration

(71) Gay, N.
(21) 2025903326 (22) 30.07.2025
(54) Bicycle Anti-Theft System with Removable Pedal Adapter

(71) GB IP Holdings Pty Ltd
(21) 2025903344 (22) 31.07.2025
(54) A Lubrication Delivery System and Lubrication Distributor

(71) George, P.
(21) 2025903253 (22) 26.07.2025
(54) A Method, System, and Apparatus for Intelligent Distributed Energy Resource (DER) Management with Advanced computing and AI-Driven Optimization, Optimization of Dynamic Operating Envelope for DERs, Interoperable microgrid management, Blockchain-Based energy asset/capacity Tokenization, Peer-to-Peer Energy Trading or energy asset sharing, leasing or renting, porting of energy assets, and creating, trading, sharing, leasing and renting undivided shares of energy capacity/assets (individual and aggregated).

(71) Giri, S.
(21) 2025903336 (22) 30.07.2025
(54) This invention relates to educational technology, specifically to a system and method for implementing adaptive micro-learning and real-time feedback within classroom environments using artificial intelligence, game theory, and micro-management.

(71) Gomez, R.
(21) 2025903328 (22) 30.07.2025
(54) Production of Special Green Steel Using Special Microwave Energy

(71) Gorman, R.
(21) 2025903399 (22) 01.08.2025
(54) A novel formulation for a probiotic that enzymatically digests microplastics in the human intestinal tract

(71) G-TECH INDUSTRIAL LIMITED
(21) 2025903327 (22) 30.07.2025
(54) EARTH FAULT LOOP IMPEDANCE MONITORING DEVICE AND METHOD

GUNES, K. see HUMBLE BEE LIMITED
(21) 2025903378

(71) Guo, Q.
(21) 2025903462 (22) 05.08.2025
(54) Arc-extinguishing Apparatus

(71) Haas, D.
(21) 2025903410 (22) 02.08.2025
(54) Improved straight edge device that quickly measures variations in surfaces planeness and smoothness levels and indicates to the user when a desired tolerance is reached.

(71) Haas, D.
(21) 2025903459 (22) 05.08.2025
(54) Digital Surface Tolerance Straightedge for Construction and Civil Applications

(71) Haigh, J.
(21) 2025903394 (22) 01.08.2025
(54) HUMANITARIAN OVERLAY AND STATELESS CREDENTIALING SYSTEM, APPARATUS AND METHODS

(71) Haigh, J.
(21) 2025903395 (22) 01.08.2025
(54) ORCHESTRATION#RECOVERY AND#WORKFLOW FALLBACK SYSTEM, APPARATUS AND METHODS

(71) Hall, J.
(21) 2025903369 (22) 31.07.2025
(54) SilentSafe: A Discreet Mobile Safety System for Silent Emergency Communication Using Lipreading AI

(71) Hamilton, S.
(21) 2025903446 (22) 05.08.2025
(54) Dual-Function Defibrillator and Cardiac Stimulator to replace manual compressions in cpr

(71) Hartman Pacific Pty Ltd
(21) 2025903319 (22) 30.07.2025
(54) Ladder

Harwood-Stevenson, V. see HUMBLE BEE LIMITED
(21) 2025903378

HERBERT, A. see HUMBLE BEE LIMITED
(21) 2025903378

HOLLINGS, A. see HUMBLE BEE LIMITED
(21) 2025903378

(71) Hopscotch Nominees Pty Ltd
(21) 2025903373 (22) 01.08.2025
(54) Impact Idler Frame with Pneumatic Shock Absorption

(71) HUMBLE BEE LIMITED; HERBERT, A.; HOLLINGS, A.; ANIL, A.; KANNAN, B.; CHANG, D.; SKELLY, J.; GUNES, K.; Harwood-Stevenson, V.
(21) 2025903378 (22) 01.08.2025
(54) Bioactive polypeptide

JAMES ROBERT JONES see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2025903349

(71) Jariwala, Z.
(21) 2025903426 (22) 04.08.2025
(54) ADAPTIVE PRIVACY-PRESERVING INTERFACE WITH FRACTAL-GRAPH NAVIGATION AND ETHICAL GUIDANCE

Jarrett, S. see Service Cue Pty Ltd
(21) 2025903449

johansson, e. see european concrete and design group Pty Ltd
(21) 2025903421

(71) John Joseph Haigh
(21) 2025903305 (22) 29.07.2025
(54) Autonomous credential onboarding and compliance enforcement systems, methods and apparatus

(71) Jordon Hill
(21) 2025903339 (22) 31.07.2025
(54) Protocol and Method for Federated Sovereignty, Agentic Node Autonomy, and Immutable Attribution in Digital Networks

(71) JUSLINK HOME AUST PTY LTD
(21) 2025903345 (22) 31.07.2025
(54) A FITTED BED SHEET

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(71) kang, H.
(21) 2025903323 (22) 30.07.2025
(54) One-directional elastic strap for facial lifting during sleep

KANNAN, B. see HUMBLE BEE LIMITED
(21) 2025903378

Kelvius Limited see Auckland Uniservices Limited
(21) 2025903379

Lamiable-Oulaidi, F. see Schramm, V.
(21) 2025903386

(71) Levien, D.
(21) 2025903452 (22) 05.08.2025
(54) Instant Psyllium Husk Gel Food Product

(71) Liaw, M.
(21) 2025903320 (22) 30.07.2025
(54) Assistive Device for Dispensing Eye Drops

(71) Lim, K.
(21) 2025903413 (22) 03.08.2025
(54) Method and System for Real-Time Multi-User AI Group Chat with Adaptive Context Management

(71) Limitless Technologies Ltd
(21) 2025903433 (22) 04.08.2025
(54) Electromagnetic Radiation Shielding Cases and Charging Enclosure for Consumer Devices with Wireless Charging Compatibility

(71) Lokket Pty Ltd
(21) 2025903418 (22) 03.08.2025
(54) Vision-Based Collision Avoidance and Event Recording System for Boats

(71) Lumenis IP Pty Ltd
(21) 2025903354 (22) 31.07.2025
(54) Quantum computing system

(71) Macquarie University
(21) 2025903455 (22) 05.08.2025
(54) Lymphatic vessel cannula assembly

(71) maskell, s.
(21) 2025903375 (22) 01.08.2025
(54) Pace AI Operating System: Self-Modifying, Voice-Interactive, Cross-Device Artificial Intelligence Core

(71) maskell, s.
(21) 2025903457 (22) 05.08.2025
(54) PaceCore: Adaptive AI-Driven Kernel for Dynamic Resource Management
PaceCore is an adaptive kernel designed to dynamically manage computing resources using a self-adjusting learning algorithm. It monitors CPU and memory usage in real time and modifies process priorities to optimize performance under changing loads. The kernel distributes workload across helper nodes when needed, allowing resilient and scalable operation in single and multi-device environments. PaceCore is suitable for embedded AI systems, autonomous devices, and edge computing applications. Its real-time learning loop allows

(71) Maspro Engineering Trading Pty Ltd
(21) 2025903389 (22) 01.08.2025
(54) Drilling rig apparatus and method

(71) MBP Australasia Pty Ltd
(21) 2025903329 (22) 30.07.2025
(54) TANK OUTLET FITTING

(71) McKay, S.
(21) 2025903380 (22) 01.08.2025
(54) Photo-Guided Spot Cleaning System for Robot Vacuum Cleaners

(71) Miller, T.
(21) 2025903450 (22) 05.08.2025
(54) Smart Food Storage Container System with Contents and Expiry Tracking via QR Code and Companion App

(71) Mills, A.
(21) 2025903377 (22) 01.08.2025
(54) DATA COMMUNICATIONS NETWORK AND METHOD FOR FACILITATING USERS TO CREATE AND VIEW ON-LINE CONTENT

(71) MOBILEGLOBAL PTY LTD
(21) 2025903444 (22) 04.08.2025
(54) Red Mud Processing Using Strategic Mass Reduction and Concentration

(71) Morgante, A.
(21) 2025903384 (22) 01.08.2025
(54) Equine wearable

(71) Morrison, M.
(21) 2025903304 (22) 29.07.2025
(54) COUNTER-FLOW CHEESE CUTTING METHOD WITH BACTERIAL ECOSYSTEM PRESERVATION AND GRAVITY SPIRAL CONSOLIDATION

(71) Morrison, M.
(21) 2025903393 (22) 01.08.2025
(54) UNIVERSAL BACTERIAL ECOSYSTEM AND NATURAL COMPOUND PRESERVATION SYSTEM FOR COMPREHENSIVE FOOD PROCESSING

(71) MUNRO, T.
(21) 2025903424 (22) 03.08.2025
(54) Programmable Gold-Mimicking Alloy (AIG-24 v3.0)

(71) Murphy, A.
(21) 2025903338 (22) 31.07.2025
(54) Adaptable, Modular, Scalable and Mobile System-Agnostic Launch and Recovery System for Autonomous Underwater Vehicles, Remotely Operated Vehicles and Subsea Sensors

(71) NATALIE KIM VERHOEK
(21) 2025903420 (22) 03.08.2025
(54) 2DocLock Security System: System and Method for Security Information Using Multi-Document Separation and Integrated Codes

(71) NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED
(21) 2025903385 (22) 01.08.2025
(54) DISINFECTION METHOD AND APPARATUS

(71) Nexmira Solutions
(21) 2025903438 (22) 04.08.2025
(54) Self-Developing Multi-Agent System for Autonomous Agent Creation and Improvement

(71) Nexmira Solutions
(21) 2025903440 (22) 04.08.2025
(54) FEEDBACK CONTROL SYSTEM FOR AUTONOMOUS AGENT IMPROVEMENT AND OPTIMIZATION

(71) Nexmira Solutions
(21) 2025903441 (22) 04.08.2025
(54) Hierarchical Multi-Agent Organization with Human-in-the-Loop Governance System

(71) NexusMD.ai Pty Ltd
(21) 2025903388 (22) 01.08.2025
(54) SYSTEM AND METHOD FOR TREATING A PATIENT

Nichols, D. see Vois Energy
(21) 2025903325

Provisional Applications Filed - Name Index cont'd

(71) Number 8 Bio Holdings Pty Ltd
(21) 2025903333 (22) 30.07.2025
(54) PREVENTION AND/OR TREATMENT OF FROTHY BLOAT

(71) OAWIN AUSTRALIA PTY LTD
(21) 2025903458 (22) 05.08.2025
(54) A Nutritionally Fortified Milk Powder Containing Casein for Elderly Adults

(71) OncoRes Medical Pty Ltd
(21) 2025903337 (22) 30.07.2025
(54) METHOD, SYSTEM AND APPARATUS FOR DETERMINING ORIENTATION DATA

(71) ONCOREVIVE HOLDINGS PTY LTD
(21) 2025903340 (22) 31.07.2025
(54) SURFACE-ENHANCED RAMAN SPECTROSCOPY (SERS) ASSAY-BASED DEVICE AND A PROCESS

(71) Partington, J.
(21) 2025903425 (22) 03.08.2025
(54) Dimensional Data Comparison System

(71) Paton Industries
(21) 2025903332 (22) 30.07.2025
(54) Ventilated Steel Batten

Pritam Shah, D. see Shah, N.
(21) 2025903442

(71) Psorakis, P.
(21) 2025903361 (22) 31.07.2025
(54) Real-Time Social Running and Peer Discovery System via Mobile and Wearable Devices

(71) Psychology Network Pty Ltd
(21) 2025903343 (22) 31.07.2025
(54) Multi-Media Extraction from Large Language Models

(71) Pursuita
(21) 2025903411 (22) 03.08.2025
(54) System and Method for Generating Curriculum Content from User-Provided Course Outlines Using AI

(71) QUARRY MINING PTY LIMITED
(21) 2025903355 (22) 31.07.2025
(54) A TACTILE MARKER FOR ATTACHMENT TO A LIFELIN

(71) Rabah, K.
(21) 2025903429 (22) 04.08.2025
(54) BOHS – Beacon of Hope Security: Home Defence & Critical Alert System

(71) Rad, D.
(21) 2025903445 (22) 05.08.2025
(54) Intracellular delivery

(71) Rebecca Parlett
(21) 2025903434 (22) 04.08.2025
(54) Mycelium-Based Mould-Grown Structures for Biodegradable Packaging, Horticultural Containers, Caskets, and Structural Products

(71) REDTAIL DESIGN PTY LTD
(21) 2025903436 (22) 04.08.2025
(54) Drone Deployment System enabling multiple small drones to be deployed from a larger drone

(71) Relborgn Pty Ltd; Triomviri Pty Ltd
(21) 2025903330 (22) 30.07.2025
(54) A Method for Installing a Waterproofing Barrier

(71) Relectrify Holdings Pty Ltd
(21) 2025903350 (22) 31.07.2025
(54) BATTERY SYSTEM

(71) Robson, D.
(21) 2025903448 (22) 05.08.2025
(54) Inflatable Device and Method for Securing Objects

Rofouzios, G. see Workspo
(21) 2025903439

(71) Ryan wallace
(21) 2025903404 (22) 02.08.2025
(54) Wheelie Mate: is a design for concrete choppers to help with mobility on job sites. it is a one person mover to aide in construction. It will reduce back injuries and help with a smoother production on sites. it is easy to adjust and operate own your own. concrete choppers are heavy tools commonly used on construction sites. traditionally two or move people are required are to lift and move them between locations. this cause delays, strain injuries and inefficiencies especial on soul tasks and small crew jobs. there is a need for a simply, robust solution that allows one worker to maneuver

(71) Saluda Medical Pty Limited
(21) 2025903341 (22) 31.07.2025
(54) Methods and systems for estimating a neural response threshold for neuromodulation

Schneider, C.D. see DHADDEY, R.

(21) 2025903427

(71) Schramm, V.; Tyler, P.; Lamiable-Oulaidi, F.
(21) 2025903386 (22) 01.08.2025
(54) ARYLTHIO-DADME-IMMUCILLIN A COMPOUNDS AND THEIR USE AS ANTICANCER THERAPEUTIC AGENTS

(71) SENSE2 PTY LTD
(21) 2025903334 (22) 30.07.2025
(54) Helical Graphene Vortex Mesh for Adaptive Thermal Management in Advanced Semiconductor and Electronic Systems

(71) SENSE2 PTY LTD
(21) 2025903419 (22) 03.08.2025
(54) Helical Vortex Mesh of Two-Dimensional Materials for Adaptive Thermal, Mechanical, and Phononic Management

(71) Service Cue Pty Ltd; Jarrett, S.
(21) 2025903449 (22) 05.08.2025
(54) Service Cue

(71) Shah, N.; Pritam Shah, D.
(21) 2025903442 (22) 04.08.2025
(54) Intelligent System and Method for Generating Personalised Artificial Intelligence-Augmented Career Pathways Using a Multi-Factor User Profiling Engine with Cross-Domain Transition Mapping and Sponsored Content Ranking Based on Bidding and Learner Reliance

(71) Shambez Enterprise
(21) 2025903335 (22) 30.07.2025
(54) Global Simba AI App (Global Simba AI) and Global Ad On Mute App (Global Ad On Mute) Initials: GSAI and GAOM

(71) Sharp Initiatives Pty Ltd
(21) 2025903348 (22) 31.07.2025
(54) As an extension to these five previous Provisional Patent Applications, this particular submission extends the innovative methodology of using heavy-duty hinges to cause, in this particular Application, a Modular Permanent Wall Formwork System to form the shape that is required for that unit to be transported by road or rail and then, on delivery, how those same heavy-duty hinges cause the Modular Permanent Wall Formwork System to constitute the shape required for it to be installed on-site.

Provisional Applications Filed - Name Index cont'd

(71) Sheridan, W.
(21) 2025903403 (22) 02.08.2025
(54) Integrated Hydronic Heating System for Pre-Cast Concrete Pool Shells

(71) SIDHESH PHALDESSAI
(21) 2025903352 (22) 31.07.2025
(54) METHOD AND APPARATUS FOR CLINICAL INTERVIEWING AND MANAGEMENT OF ATTENTION DEFICIT HYPERACTIVITY DISORDER (ADHD)

(71) Simunovic, M.
(21) 2025903422 (22) 03.08.2025
(54) A paper-based test of colour vision for congenital and acquired colour vision deficiency

SKELLY, J. see HUMBLE BEE LIMITED
(21) 2025903378

(71) Sorensen Engineering Pty Ltd
(21) 2025903351 (22) 31.07.2025
(54) Modular and indexable workpiece clamping system

(71) Stelling, E.
(21) 2025903390 (22) 01.08.2025
(54) Low Emissivity Frames

(71) Stelling, E.
(21) 2025903391 (22) 01.08.2025
(54) Vacuum Window Frame

(71) Stelling, E.
(21) 2025903392 (22) 01.08.2025
(54) Vacuum Wall Patent

(71) Stevens, B.
(21) 2025903374 (22) 01.08.2025
(54) EMP- hardened communications relay drone for maintaining secure communications in environments affected by electro magnetic pulses, jamming or infrastructure failure.

(71) Stewart, A.
(21) 2025903437 (22) 04.08.2025
(54) A Single-use Flushable Sheath for Capturing Post-Urination Droplets

(71) Streamline Products Pty Ltd
(21) 2025903342 (22) 31.07.2025
(54) A CEILING-MOUNTED SHOWER-HEAD AND VENT ASSEMBLY

(71) Subhiyah, R.
(21) 2025903408 (22) 02.08.2025
(54) Spear Head Nail

(71) The University of Queensland
(21) 2025903346 (22) 31.07.2025
(54) PARTICLES COMPRISING FUNCTIONAL MOLECULES AND USES THEREOF

(71) The University of Sydney; Western Sydney Local Health District
(21) 2025903322 (22) 30.07.2025
(54) Formulation

(71) Timothy, C.
(21) 2025903443 (22) 04.08.2025
(54) SYSTEM AND METHOD FOR GENERATING CUSTOMISED ADVERTISEMENT EXPERIENCES WITH GENERATIVE ARTIFICIAL INTELLIGENCE AND SOCIAL CONTEXT INPUTS

(71) Tingate, T.
(21) 2025903400 (22) 01.08.2025
(54) Methods for Detecting Chromatin Geometry Perturbations via cfDNA Fragmentation Metrics

(71) Touch Wood International Pty Ltd (trading as Mako Technologies Australia)
(21) 2025903359 (22) 31.07.2025
(54) An oil formulation which provides an anti corrosive property which presents dispensing a penetrating lubricant which can be applied by spray, brush or by dipping. If applied to rust it will penetrate through the rust into the metal thereby killing the rust and corrosion. Commercial sourced fish frames are crushed and pressed to extract natural based fish oil to provide an enhanced anti corrosive property. Specify non-shark species and refer to fish processing by-product.

Triomviri Pty Ltd see Relborgn Pty Ltd
(21) 2025903330

Tyler, P. see Schramm, V.
(21) 2025903386

(71) van Ginkel, A.
(21) 2025903360 (22) 31.07.2025
(54) Hands-free Heel Exfoliating Device

(71) van Ginkel, A.
(21) 2025903407 (22) 02.08.2025
(54) Shower Foot Exfoliation Device

(71) Viglione, D.
(21) 2025903405 (22) 02.08.2025
(54) System and Method for Multi-Modal Smart Invoice Processing Using Em-

bedded 3D Barcodes and Intelligent Data Integration.

(71) Vois Energy; Nichols, D.
(21) 2025903325 (22) 30.07.2025
(54) EMBEDDING-BASED CONVERSATIONAL DATA RETRIEVAL SYSTEM WITH CONTINUOUS FEEDBACK LOOP

(71) Vow Group Pty Ltd
(21) 2025903353 (22) 31.07.2025
(54) Comestible accessories

Western Sydney Local Health District see The University of Sydney
(21) 2025903322

(71) White, G.; Ellacott, B.
(21) 2025903451 (22) 05.08.2025
(54) CENTROID DROP AND MORPHOLOGY CHANGE COHESION INDICES FROM DUAL SCANS ACROSS A TROUGH GEOMETRY CHANGE, WITH OPTIONAL ADHESION CORRELATION AND CLOSED LOOP CONTROL

Williams, P. see Williams, B.
(21) 2025903321

(71) Williams, B.; Williams, P.
(21) 2025903321 (22) 30.07.2025
(54) Diaper Bag Holder

(71) Workspo; Rofouzous, G.
(21) 2025903439 (22) 04.08.2025
(54) AI-Driven Multilingual Task Generation for Property Management and Professional Services Platforms

(71) Xu, Y.
(21) 2025903383 (22) 01.08.2025
(54) Tray Apparatus for Queuing Disposable Food Boxes in Windy Environments

(71) ZEYRRO PTY LTD
(21) 2025903310 (22) 30.07.2025
(54) Applicator Bottle with Rubberised Applicator Interface

(71) ZEYRRO PTY LTD
(21) 2025903311 (22) 30.07.2025
(54) Flexible Applicator Bottle Interface

(71) ZEYRRO PTY LTD
(21) 2025903312 (22) 30.07.2025
(54) Fluid Applicator with Integrated Dispenser and Replaceable Pad

Provisional Applications Filed - Name Index cont'd

(71) ZEYRRO PTY LTD
(21) 2025903313 (22) 30.07.2025
(54) Fluid Applicator with Integrated Dispenser and Replaceable Pad

(71) ZEYRRO PTY LTD
(21) 2025903314 (22) 30.07.2025
(54) Refill Adaptor for Fluid Transfer Between Containers

(71) ZEYRRO PTY LTD
(21) 2025903315 (22) 30.07.2025
(54) Container Refilling System

(71) ZEYRRO PTY LTD
(21) 2025903316 (22) 30.07.2025
(54) Refill Adapter for Flexible-Walled Container

(71) ZIMEMO PTY. LTD.
(21) 2025903447 (22) 05.08.2025
(54) Bicycle Handlebar Lock with Integrated Security Cable

(71) Zulaikha, J.
(21) 2025903453 (22) 05.08.2025
(54) Hybuoy: Modular Trompe-Based Hydropneumatic System.

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2025903253	George, P.	2025903366	Darkwake Pty Ltd; Barton, N.
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2025903305	John Joseph Haigh	2025903370	Ferris, T.
2025903306	A M Urban Solutions Pte Ltd	2025903371	Breville Pty Limited
2025903307	Dcapo	2025903372	Draco Shield Pty Ltd
2025903308	Archer, D.	2025903373	Hopscotch Nominees Pty Ltd
2025903309	Archer, D.	2025903374	Stevens, B.
2025903310	ZEYRRO PTY LTD	2025903375	maskell, s.
2025903311	ZEYRRO PTY LTD	2025903376	Beaumont, A.
2025903312	ZEYRRO PTY LTD	2025903377	Mills, A.
2025903313	ZEYRRO PTY LTD	2025903378	HUMBLE BEE LIMITED; HERBERT, A.; HOLLINGS, A.; ANIL, A.; KANNAN, B.; CHANG, D.; SKELLY, J.; GUNES, K.; Harwood-Stevenson, V.
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2025903316	ZEYRRO PTY LTD	2025903380	McKay, S.
2025903317	Elchakik, K.	2025903382	Bywater, G.
2025903318	Enztec Limited	2025903383	Xu, Y.
2025903319	Hartman Pacific Pty Ltd	2025903384	Morgante, A.
2025903320	Liaw, M.	2025903385	NEW ZEALAND INSTITUTE FOR BIOECONOMY SCIENCE LIMITED
2025903321	Williams, B.; Williams, P.		
2025903322	The University of Sydney; Western Sydney Local Health District	2025903386	Schramm, V.; Tyler, P.; Lamiabie-Oulaidi, F.
2025903323	kang, H.	2025903387	Analog Quantum Circuits Pty Ltd
2025903324	Dim, Y.	2025903388	NexusMD.ai Pty Ltd
2025903325	Vois Energy; Nichols, D.	2025903389	Maspro Engineering Trading Pty Ltd
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2025903327	G-TECH INDUSTRIAL LIMITED	2025903391	Stelling, E.
2025903328	Gomez, R.	2025903392	Stelling, E.
2025903329	MBP Australasia Pty Ltd	2025903393	Morrison, M.
2025903330	Relborgn Pty Ltd; Triomviri Pty Ltd	2025903394	Haigh, J.
2025903331	Callow, A.	2025903395	Haigh, J.
2025903332	Paton Industries	2025903396	Bertino-Clarke, A.
2025903333	Number 8 Bio Holdings Pty Ltd	2025903397	Bertino-Clarke, A.
2025903334	SENSE2 PTY LTD	2025903398	Bertino-Clarke, A.
2025903335	Shambez Enterprise	2025903399	Gorman, R.
2025903336	Giri, S.	2025903400	Tingate, T.
2025903337	OncoRes Medical Pty Ltd	2025903401	Chung, D.
2025903338	Murphy, A.	2025903402	Beaumont, A.
2025903339	Jordon Hill	2025903403	Sheridan, W.
2025903340	ONCOREVIVE HOLDINGS PTY LTD	2025903404	Ryan wallace
2025903341	Saluda Medical Pty Limited	2025903405	Viglione, D.
2025903342	Streamline Products Pty Ltd	2025903406	Carter, M.
2025903343	Psychology Network Pty Ltd	2025903407	van Ginkel, A.
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2025903345	JUSLINK HOME AUST PTY LTD	2025903409	Garcia, P.
2025903346	The University of Queensland	2025903410	Haas, D.
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2025903354	Lumenis IP Pty Ltd	2025903418	Lokket Pty Ltd
2025903355	QUARRY MINING PTY LIMITED	2025903419	SENSE2 PTY LTD
2025903356	Centre for Eye Research Australia Ltd	2025903420	NATALIE KIM VERHOEK
2025903357	Flux IP Pty Ltd	2025903421	europa concrete and design group Pty Ltd; johanson, e.
2025903358	bondfield, I.	2025903422	Simunovic, M.
2025903359	Touch Wood International Pty Ltd (trading as Mako Technologies Australia)	2025903423	adhikari, c.
2025903360	van Ginkel, A.	2025903424	MUNRO, T.
2025903361	Psorakis, P.	2025903425	Partington, J.
2025903362	Darkwake Pty Ltd; Barton, N.	2025903426	Jariwala, Z.
2025903363	Darkwake Pty Ltd; Barton, N.	2025903427	DHADDEY, R.; Schneider, C.D.
2025903364	Darkwake Pty Ltd; Barton, N.	2025903428	EVO HASS PTY LTD
2025903365	Darkwake Pty Ltd; Barton, N.	2025903429	Rabah, K.
		2025903430	Bozinovski, I.

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2025903431	CMTE Development Limited
2025903432	BRGP Enterprises Pty Ltd
2025903433	Limitless Technologies Ltd
2025903434	Rebecca Parlett
2025903435	Attey, G.
2025903436	REDTAIL DESIGN PTY LTD
2025903437	Stewart, A.
2025903438	Nexmira Solutions
2025903439	Workspo; Rofouzos, G.
2025903440	Nexmira Solutions
2025903441	Nexmira Solutions
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2025903443	Timothy, C.
2025903444	MOBILEGLOBAL PTY LTD
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2025903446	Hamilton, S.
2025903447	ZIMEMO PTY. LTD.
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2025903449	Service Cue Pty Ltd; Jarrett, S.
2025903450	Miller, T.
2025903451	White, G.; Ellacott, B.
2025903452	Levien, D.
2025903453	Zulaikha, J.
2025903455	Macquarie University
2025903457	maskell, s.
2025903458	OAWIN AUSTRALIA PTY LTD
2025903459	Haas, D.
2025903460	etwall park pty ltd
2025903462	Guo, Q.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 29 Jul 2025 .

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

(71) 3KM PTE. LTD.
(21) 2025210887 (22) 04.08.2025
(54) SMART HELMET SYSTEM, HELMET,
AND TRANSPORTATION VEHICLE

(71) 3KM PTE. LTD.
(21) 2025210900 (22) 04.08.2025
(54) ELECTRIC SHORT-DISTANCE MO-
BILITY VEHICLES AND SCOOTERS

(71) 6over6 Vision Ltd.
(21) 2025210828 (22) 31.07.2025
(54) SUBJECTIVE REFRACTION EXAM
SYSTEM

(71) ACCELLIX LTD.
(21) 2025210862 (22) 01.08.2025
(54) SYSTEM FOR DETERMINING A BIO-
LOGICAL CONDITION AND CART-
RIDGE THEREFOR

(71) Acera Surgical, Inc.
(21) 2025210794 (22) 30.07.2025
(54) Tissue substitute materials and meth-
ods for tissue repair

(71) ACE VISION GROUP, INC.
(21) 2025210865 (22) 01.08.2025
(54) SYSTEMS AND METHODS FOR AF-
FECTING THE BIOMECHANICAL
PROPERTIES OF CONNECTIVE TIS-
SUE

(71) Adobe Inc.
(21) 2025210875 (22) 01.08.2025
(54) THREE-DIMENSIONAL ROTATION
OF TWO-DIMENSIONAL VECTOR
GRAPHICS UTILIZING DIFFUSION
MODELS

(71) Adobe Inc.
(21) 2025210894 (22) 04.08.2025
(54) ZERO SHOT CONTENT CUSTOMIZA-
TION AND COMPOSITION

(71) Aervision Technologies Pty Ltd
(21) 2025210806 (22) 31.07.2025
(54) A METHOD FOR PROCESSING
VIDEO INFORMATION, A VIDEO IN-
FORMATION PROCESSOR, AND A
VIDEO SURVEILLANCE SYSTEM.

(71) AgeX Therapeutics, Inc.
(21) 2025210921 (22) 05.08.2025
(54) Differentially-methylated regions of
the genome useful as markers of em-
bryo-adult transitions

(71) Aiper Global Pte. Ltd.
(21) 2025210863 (22) 01.08.2025
(54) AUTOMATIC POOL CLEANING AP-
PARATUS

(71) Amgen, Inc.; ImmuNext, Inc.
(21) 2025210818 (22) 31.07.2025
(54) Anti-MCT1 antibodies and uses thereof

(71) Amos, P.
(21) 2025210829 (22) 31.07.2025
(54) TURBINE MOTOR TRI DRIVE

(71) Angel Group Co., Ltd.
(21) 2025210901 (22) 04.08.2025
(54) Game management system

(71) Angel Group Co., Ltd.
(21) 2025210906 (22) 04.08.2025
(54) Management system

(71) Angel Group Co., Ltd.
(21) 2025213558 (22) 05.08.2025
(54) Recognition system

(71) Anns, R.
(21) 2025210918 (22) 04.08.2025
(54) Quick Connect Electrical Junction Box

(71) Applied Medical Resources Corporation
(21) 2025210902 (22) 04.08.2025
(54) Tissue removal containment systems

(71) Arista Cereal Technologies Pty Ltd
(21) 2025210817 (22) 31.07.2025
(54) High amylose wheat - IV

(71) Aristocrat Technologies, Inc.
(21) 2025210914 (22) 04.08.2025
(54) ELECTRONIC GAMING SYSTEMS IN-
CLUDING PICK BONUS GAMES FOR
BASE GAME MATRIX SELECTION

(71) Aristocrat Technologies, Inc.
(21) 2025210915 (22) 04.08.2025
(54) RANDOM NUMBER GENERATOR
CONVERSION ENGINE FRAMEWORK

(71) Aristocrat Technologies, Inc.
(21) 2025210916 (22) 04.08.2025
(54) SYSTEMS AND METHODS FOR DE-
TECTING AND ACCOUNTING FOR
FEATURES OF WAGERING GAMES

(71) Aristocrat Technologies Australia Pty
Limited
(21) 2025210770 (22) 29.07.2025
(54) SYSTEM AND METHOD FOR CASH-
LESS EXCHANGE AT TABLE GAMES

(71) Aristocrat Technologies Australia Pty
Limited
(21) 2025210876 (22) 01.08.2025
(54) ELECTRONIC GAMING SYSTEM FOR
CONDUCTING A WAGERING GAME
AND METHOD OF USE

(71) Arxada, LLC
(21) 2025213552 (22) 05.08.2025
(54) A HYDROGEN PEROXIDE DISIN-
FECTANT COMPOSITION

(71) Ascendis Pharma Growth Disorders A/
S
(21) 2025210778 (22) 30.07.2025
(54) Dry pharmaceutical formulations of
CNP conjugates

ASTELLAS PHARMA INC. see PFIZER INC.
(21) 2025210784

(71) Asynagro Company Limited; Hangzhou
Qinong Biological Technology Co., Ltd
(21) 2025213574 (22) 05.08.2025
(54) Synthesis Method For Intermediate Of
Saflufenacil

(71) Australian Valve Group Pty Ltd.
(21) 2025210920 (22) 05.08.2025
(54) BACKFLOW PREVENTION AND DE-
TECTION VALVE ASSEMBLY

Complete Applications Filed - Name Index cont'd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(21) 2025210853 (22) 01.08.2025
(54) Image encoding/decoding method and device

(71) BADVR, INC.
(21) 2025210775 (22) 30.07.2025
(54) NOVEL SYSTEMS AND METHODS FOR COLLECTING, LOCATING AND VISUALIZING SENSOR SIGNALS IN EXTENDED REALITY

(71) BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED
(21) 2025210790 (22) 30.07.2025
(54) ADDITIVE MANUFACTURED MANIFOLDS WITH REMOVABLE CONNECTIONS

(71) Basilea Pharmaceutica International AG, Allschwil
(21) 2025210781 (22) 30.07.2025
(54) Compounds and methods for treating fungal infections

(71) Bertram, T.; Jain, D.
(21) 2025210897 (22) 04.08.2025
(54) IMMUNOPRIVILEGED BIOACTIVE RENAL CELLS FOR THE TREATMENT OF KIDNEY DISEASE

(71) Biddle, D.
(21) 2025210809 (22) 31.07.2025
(54) HERBICIDE DISPENSING SYSTEM AND METHOD

BioNTech SE see Genmab A/S
(21) 2025210827

(71) Blackhawk Network, Inc.
(21) 2025210919 (22) 05.08.2025
(54) Systems and methods for dynamically detecting and preventing consumer fraud

Blue River Technology Inc. see Deere & Company
(21) 2025210852

(71) Borrow-Jones, D.; SE Legal Pty Ltd
(21) 2025213553 (22) 05.08.2025
(54) System and Method for Automated Multi-Jurisdictional Compliance Scoring in AI-Powered Contract Negotiation Systems

(71) Boston Scientific Neuromodulation Corporation
(21) 2025210832 (22) 31.07.2025

(54) Paresthesia-free spinal cord stimulation system

(71) Boston Scientific Scimed, Inc.
(21) 2025210831 (22) 31.07.2025
(54) Systems and methods for treating the bladder with condensable vapor

(71) BrightSeed, Inc.; Sanford Burnham Prebys Medical Discovery Institute
(21) 2025210795 (22) 30.07.2025
(54) Method for modulating metabolism

(71) Buzzelet Development And Technologies Ltd.
(21) 2025210888 (22) 04.08.2025
(54) Herbal preparation-enriched cannabinoid composition and method of treatment

(71) Cable Management Solutions, Inc.
(21) 2025210904 (22) 04.08.2025
(54) Cable management systems and methods for photovoltaic systems and other cable-dependent systems

(71) Cadds Group Pty Ltd
(21) 2025210878 (22) 01.08.2025
(54) REMOTE-CONTROLLED UNMANNED JACKING VEHICLE AND SYSTEM

(71) Capital One Services, LLC
(21) 2025210870 (22) 01.08.2025
(54) Systems and methods for secure read-only authentication

(71) Caponi, C.
(21) 2025210833 (22) 31.07.2025
(54) AI-Based System and Platform for Property Risk Scoring, Strata Health Evaluation, Financial Forecasting, and Automated Governance and Tenant Management Workflows

(71) Carl Freudenberg KG
(21) 2025213554 (22) 05.08.2025
(54) DRYING DEVICE FOR DRYING A MOP COVER OF A CLEANING DEVICE

(71) Carter, M.
(21) 2025210884 (22) 02.08.2025
(54) Systems and Methods Based on Recursive Damping and Effective π

(71) CIXI TIAN SHUO INDUSTRY TRADE CO.,LTD.
(21) 2025210909 (22) 04.08.2025
(54) WATER SPRAYER

(71) Crown Equipment Corporation
(21) 2025213571 (22) 05.08.2025
(54) Materials handling vehicle charging system comprising a floor-mounted charging plate

CSI Cells (Yangzhou) Co., Ltd. see CSI Cells Co., Ltd
(21) 2025210783

(71) CSI Cells Co., Ltd; CSI Cells (Yangzhou) Co., Ltd.
(21) 2025210783 (22) 30.07.2025
(54) Solar cell

(71) Deep Branch Biotechnology Ltd
(21) 2025210792 (22) 30.07.2025
(54) METHOD FOR PRODUCING BIOMASS USING HYDROGEN-OXIDIZING BACTERIA

(71) Deere & Company
(21) 2025210814 (22) 31.07.2025
(54) Multi-fluid spray system and method for agricultural product application

(71) Deere & Company; Blue River Technology Inc.
(21) 2025210852 (22) 01.08.2025
(54) GENERATION AND VALIDATION OF MASKS FOR FARMING IMPLEMENTS OF AUTONOMOUS VEHICLES

(71) Deere & Company
(21) 2025210867 (22) 01.08.2025
(54) Planter row unit with load sensing depth stop assembly

(71) Dentsply Sirona Inc.
(21) 2025210826 (22) 31.07.2025
(54) Compositions and methods to antibacterial nanogel and hydrolytically stable antibacterial nanogel for dental compositions

(71) Discovery Loft Inc.
(21) 2025210890 (22) 04.08.2025
(54) Automated artificial intelligence vehicle appraisals

(71) Dolby International AB
(21) 2025210848 (22) 31.07.2025
(54) Method and device for arithmetic encoding or arithmetic decoding

(71) Dolby International AB
(21) 2025210849 (22) 31.07.2025
(54) Method and device for arithmetic encoding or arithmetic decoding

Complete Applications Filed - Name Index cont'd

(71) DUAL CLUTCH IP LTD
(21) 2025210788 (22) 30.07.2025
(54) CLUTCH HUB ASSEMBLY

(71) EIR Biotherapies Srl
(21) 2025213557 (22) 05.08.2025
(54) METHOD FOR THE PRODUCTION OF CELLULAR PARTICULATE WITH AN-TITUMOR ACTIVITY

(71) Electro Optic Systems Pty Ltd
(21) 2025210824 (22) 31.07.2025
(54) An Optical Waveguide

(71) Elektrofi, Inc.
(21) 2025210802 (22) 31.07.2025
(54) FORMATION OF PARTICLES INCLUDING AGENTS

ENI S.p.A. see Synhelion SA
(21) 2025210891

(71) ENVISION ENERGY TECHNOLOGY PTE LTD
(21) 2025210773 (22) 30.07.2025
(54) METHOD FOR MANUFACTURING ROOT SECTION OF WIND TURBINE BLADE, ROOT SECTION, SEMI-MANUFACTURED PART OF ROOT SECTION, WIND TURBINE BLADE, AND WIND TURBINE

(71) Evergreen Garden Care Australia Pty Ltd
(21) 2025210801 (22) 31.07.2025
(54) Herbicide formulations

(71) Expro North Sea Limited
(21) 2025210804 (22) 31.07.2025
(54) RETRIEVABLE PACKER ELEMENT – ANTI-EXTRUSION BARRIER

(71) F. Hoffmann-La Roche AG
(21) 2025210789 (22) 30.07.2025
(54) Methods for screening a subject for the risk of chronic kidney disease and computer-implemented method

(71) FAIRWAY ELECTRONIC CO., LTD.
(21) 2025210879 (22) 01.08.2025
(54) CLEAN BRUSH HEAD AND WIRELESS CLEANING EQUIPMENT

(71) Fate Therapeutics, Inc.
(21) 2025210798 (22) 30.07.2025
(54) Enhanced immune effector cells and use thereof

(71) Fisher & Paykel Healthcare Limited
(21) 2025210868 (22) 01.08.2025

(54) VALVE WITH INTERNAL MEMBER

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2025210911 (22) 04.08.2025
(54) HUMIDIFICATION SYSTEM CONNECTIONS

(71) Five Prime Therapeutics, Inc.
(21) 2025210842 (22) 31.07.2025
(54) Anti-FGFR2 Antibodies In Combination With Chemotherapy Agents In Cancer Treatment

(71) FORMA Therapeutics, Inc.
(21) 2025210762 (22) 29.07.2025
(54) Inhibiting Creb Binding Protein (CBP)

(71) Genmab A/S; BioNTech SE
(21) 2025210827 (22) 31.07.2025
(54) Binding agents binding to PD-L1 and CD137 and use thereof

(71) Germitec
(21) 2025210757 (22) 29.07.2025
(54) Disinfection device and associated disinfection process

(71) GLAXOSMITHKLINE CONSUMER HEALTHCARE HOLDINGS (US) LLC
(21) 2025213549 (22) 05.08.2025
(54) IONIC LIQUID SALTS OF ACTIVE PHARMACEUTICAL INGREDIENTS

(71) Globaltech Corporation Pty Ltd
(21) 2025210877 (22) 01.08.2025
(54) Monitoring, auditing and/or determining depth of or in a borehole

(71) Green Lightning Solutions, LLC
(21) 2025210808 (22) 31.07.2025
(54) Mobile and Modular Nitrogen Production System and Method

Hangzhou Qinong Biological Technology Co., Ltd see Asynagro Company Limited
(21) 2025213574

(71) Hara, H.; Shimazawa, M.; Nakamura, S.
(21) 2025210846 (22) 31.07.2025
(54) GDF15 modulator for use in inhibition of ocular tissue fibrosis

(71) HeartFlow, Inc.
(21) 2025210785 (22) 30.07.2025
(54) Systems and methods for assessing cardiovascular disease and treatment effectiveness from adipose tissue

(71) HOWMEDICA OSTEONICS CORP.
(21) 2025210859 (22) 01.08.2025
(54) ADDITIVE MANUFACTURING PART SUPPORT AND HANDLING FRAME

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2025210822 (22) 31.07.2025
(54) NON-SIMULTANEOUS TRANSMITTING AND RECEIVING CAPABILITY INDICATION METHOD, APPARATUS, AND SYSTEM

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2025210860 (22) 01.08.2025
(54) COMMUNICATION METHOD AND APPARATUS

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2025210895 (22) 04.08.2025
(54) DIRECT LINK ADDRESSING METHOD AND APPARATUS

(71) Hussmann Corporation
(21) 2025210835 (22) 31.07.2025
(54) REFRIGERATED MERCHANDISER

(71) ICITI GmbH
(21) 2025210805 (22) 31.07.2025
(54) Hydraulic mechanism and method for lifting and lowering floor slabs

(71) ILLUMINATE CONSULTING, LLC
(21) 2025210922 (22) 05.08.2025
(54) Biotic material apparatus for thermally protecting and/or transporting temperature sensitive products

ImmuNext, Inc. see Amgen, Inc.
(21) 2025210818

(71) ImmunityBio, Inc.
(21) 2025210777 (22) 30.07.2025
(54) METHODS OF TREATING AGING-RELATED DISORDERS

(71) Implantica Patent Ltd
(21) 2025210864 (22) 01.08.2025
(54) An Ostomy Accessory

(71) InSinkErator LLC
(21) 2025210892 (22) 04.08.2025
(54) Sound insulation assembly for waste disposer

(71) InterDigital VC Holdings, Inc.
(21) 2025210791 (22) 30.07.2025

Complete Applications Filed - Name Index cont'd

(54) BLOCK SHAPE ADAPTIVE INTRA
PREDICTION DIRECTIONS FOR
QUADTREE-BINARY TREE

(71) InterDigital VC Holdings, Inc.
(21) 2025210871 (22) 01.08.2025
(54) Tile group partitioning

(71) Intuit Inc.
(21) 2025210779 (22) 30.07.2025
(54) Categorization with graph neural net-
work and language model

(71) INVIDI Technologies Corporation
(21) 2025210855 (22) 01.08.2025
(54) Method and apparatus for combining
metadata and content stream manifest
files for processing on client devices

(71) iRhythm Technologies, Inc.
(21) 2025213560 (22) 05.08.2025
(54) Wireless physiological monitoring
device and systems

(71) IRISS Holdings, Inc.
(21) 2025210847 (22) 31.07.2025
(54) Panel for audible monitoring of elec-
trical components and the detection of
electrical faults

Jain, D. see Bertram, T.
(21) 2025210897

(71) Jasper Medtech Pty Ltd
(21) 2025210874 (22) 01.08.2025
(54) Retractor for biportal endoscopic sur-
gery

(71) KABUSHIKI KAISHA TOYOTA
JIDOSHOKKI
(21) 2025210776 (22) 30.07.2025
(54) Motor unit for industrial vehicle

(71) Kapsul Tech Corp.
(21) 2025210889 (22) 04.08.2025
(54) Protective articles and methods thereof

(71) Kenon Corporation Pty Ltd
(21) 2025213556 (22) 05.08.2025
(54) Sustainable Method to Produce Sub-
strate Bags Using Sugarcane Bagasse

(71) LEONARDO UK LTD
(21) 2025210841 (22) 31.07.2025
(54) An active imaging system

(71) Levien, D.
(21) 2025213561 (22) 05.08.2025
(54) Instant Psyllium Husk Gel Food Product

(71) LG Electronics Inc.
(21) 2025210815 (22) 31.07.2025
(54) Cross-component adaptive loop filter-
ing-based image coding apparatus and
method

(71) Liquid Biopsy Research LLC
(21) 2025210861 (22) 01.08.2025
(54) Predicting peptide receptor radiother-
apy using a gene expression assay

(71) LITTLE GIANT LADDER SYSTEMS,
LLC
(21) 2025210796 (22) 30.07.2025
(54) COMBINATION LADDERS, LAD-
DER COMPONENTS AND RELATED
METHODS

(71) LONGI GREEN ENERGY TECHNO-
LOGY CO., LTD.
(21) 2025210840 (22) 31.07.2025
(54) BACK CONTACT SOLAR CELL AND
METHOD FOR MANUFACTURING
THE SAME

LONGPATH TECHNOLOGIES, INC. see
THE REGENTS OF THE UNIVERSITY OF
COLORADO, A BODY CORPORATE
(21) 2025210820

(71) Luteiden Torjunta Helle Oy
(21) 2025210787 (22) 30.07.2025
(54) Bed Bug Monitoring Furniture Leg

(71) Mallinckrodt Pharmaceuticals Ireland
Limited
(21) 2025210793 (22) 30.07.2025
(54) Use of inhaled nitric oxide (iNO) for im-
proving activity levels in patients with
lung-related conditions

(71) marechal, f.
(21) 2025210825 (22) 31.07.2025
(54) Council and business Wheelie bin cov-
er to control pest and fly

(71) MAX CO., LTD.
(21) 2025210807 (22) 31.07.2025
(54) Binding machine

(71) MCDONNELL, J.
(21) 2025210836 (22) 31.07.2025
(54) DriveSafe Lock: Motion-Triggered Mo-
bile App Restriction System

(71) Melhop, J.
(21) 2025210893 (22) 04.08.2025
(54) System and Method for Drone- and
UAV-Stabilized Placement and Mount-

ing of Telecommunications Compon-
ents

(71) Mor Designs Ltd.
(21) 2025210898 (22) 04.08.2025
(54) HEATING ASSEMBLY AND COOKING
DEVICE

(71) Mycardio LLC
(21) 2025210813 (22) 31.07.2025
(54) SYSTEMS AND METHODS FOR ANA-
LYSIS OF SLEEP DISORDERED
BREATHING EVENTS

Nakamura, S. see Hara, H.
(21) 2025210846

(71) Navico Group Americas LLC
(21) 2025210839 (22) 31.07.2025
(54) Trim tab actuator input device

(71) Nemorin, J.
(21) 2025210880 (22) 02.08.2025
(54) COOPS CARBON OFFSET ON-KERB
PARKING SYSTEM

(71) Ng, F.
(21) 2025210885 (22) 02.08.2025
(54) Memory-Loss Detection and Reflexive
Cognitive Puzzle System

(71) On Vol Pty Ltd
(21) 2025210851 (22) 31.07.2025
(54) MAGNETIC GEARED ELEC-
TROMECHANICAL SYSTEM WITH
MULTI-SURFACE BACK IRON ROTOR
FOR TORQUE TRANSMISSION AND
ENERGY CONVERSION

(71) On Vol Pty Ltd
(21) 2025210873 (22) 01.08.2025
(54) Lightning Detection and Post-Strike
Diagnostic Recording System for Light-
ning-Prone Structures

(71) PARKWOOD PRODUCTS LIMITED
(21) 2025210780 (22) 30.07.2025
(54) IMPROVEMENTS IN INSULATED
METAL DOORS

(71) PFIZER INC.; ASTELLAS PHARMA
INC.
(21) 2025210784 (22) 30.07.2025
(54) Combination of talazoparib and an
anti-androgen for the treatment of
DDR gene mutated metastatic castra-
tion-sensitive prostate cancer

(71) Pharmacosmos Holding A/S
(21) 2025213548 (22) 05.08.2025

Complete Applications Filed - Name Index cont'd

(54) TREATING IRON DEFICIENCY IN SUBJECTS AT RISK OF CARDIOVASCULAR ADVERSE EVENTS AND IRON FOR THE MANAGEMENT OF ATRIAL FIBRILLATION	(71) Schunk Ingenieurkeramik GmbH (21) 2025210760 (22) 29.07.2025 (54) Composite moulded body made of a reaction-bonded mixed ceramic infiltrated with silicon	(71) Spogen Biotech Inc. (21) 2025210765 (22) 29.07.2025 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
(71) President and Fellows of Harvard College (21) 2025210797 (22) 30.07.2025 (54) Modified T cells and methods of making and using the same	SE Legal Pty Ltd see Borrow-Jones, D. (21) 2025213553	(71) Spogen Biotech Inc. (21) 2025210767 (22) 29.07.2025 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
(71) QUANTIMIND QE-AI PTY LTD; Van Nuissenburg, s. (21) 2025210772 (22) 30.07.2025 (54) System and Method for Biological Artificial Intelligence (BAI)-Enabled Quantum Neuroadaptive Compliance Trust Fabric for Policy-Driven Data Integrity and Autonomous Governance	SHAABAN, A.F. see THANDRA, V. (21) 2025210866	(71) Stats LLC (21) 2025210811 (22) 31.07.2025 (54) Machine Learning For Recognizing And Interpreting Embedded Information Card Content
(71) Rearden LLC (21) 2025210786 (22) 30.07.2025 (54) SYSTEMS AND METHODS FOR EXPLOITING INTER-CELL MULTIPLEXING GAIN IN WIRELESS CELLULAR SYSTEMS VIA DISTRIBUTED INPUT DISTRIBUTED OUTPUT TECHNOLOGY	Shan, Z. see Zhou, F. (21) 2025210816	(71) Stryker Corporation (21) 2025210810 (22) 31.07.2025 (54) Patient support apparatuses with wireless headwall communication
(71) Reln Pty Ltd (21) 2025210881 (22) 02.08.2025 (54) A Drain Channel and Inlay Assembly	(71) Sheltered Wings, Inc. d/b/a Vortex Optics (21) 2025210830 (22) 31.07.2025 (54) Rifle scope turret with tool-free zeroing	(71) Stryker Corporation (21) 2025210819 (22) 31.07.2025 (54) Robotically controlled ultrasonic instrument
(71) Reln Pty Ltd (21) 2025210883 (22) 02.08.2025 (54) Stormwater or Utilities Pit Assembly	Shimazawa, M. see Hara, H. (21) 2025210846	(71) Subsea 7 do Brasil Servicos Ltda. (21) 2025210823 (22) 31.07.2025 (54) Installation of subsea risers
(71) Research Triangle Institute (21) 2025210799 (22) 30.07.2025 (54) Subcutaneous Biodegradable Reservoir Device	(71) SightGlass Vision, Inc. (21) 2025210903 (22) 04.08.2025 (54) OPHTHALMIC LENSES WITH DYNAMIC OPTICAL PROPERTIES FOR REDUCING DEVELOPMENT OF MYOPIA	(71) Sungrow Energy Storage Technology Co., Ltd. (21) 2025210834 (22) 31.07.2025 (54) Energy storage system
(71) Revolution Medicines, Inc. (21) 2025210782 (22) 30.07.2025 (54) Ras inhibitors	(71) Sigilon Therapeutics, Inc. (21) 2025210803 (22) 31.07.2025 (54) Implantable devices for cell therapy and related methods	(71) Syngenta Crop Protection AG (21) 2025210857 (22) 01.08.2025 (54) Substituted pyridazinones as herbicides
Sanford Burnham Prebys Medical Discovery Institute see BrightSeed, Inc. (21) 2025210795	(71) SmartWash Solutions, LLC (21) 2025210761 (22) 29.07.2025 (54) Methods and systems for validating wash processes and preventing process deviations in food processing	(71) Syngenta Crop Protection AG (21) 2025210858 (22) 01.08.2025 (54) Substituted pyridazinones as herbicides
(71) Schneider Electric Industries SAS (21) 2025213559 (22) 05.08.2025 (54) DC SOCKET	(71) Société des Produits Nestlé S.A. (21) 2025210837 (22) 31.07.2025 (54) Mixture of HMOs and bifidobacteria	(71) Synhelion SA; ENI S.p.A. (21) 2025210891 (22) 04.08.2025 (54) METHOD FOR OPERATING A RECEIVER AND RECEIVER FOR CARRYING OUT THE METHOD
(71) Schunk Ingenieurkeramik GmbH (21) 2025210759 (22) 29.07.2025 (54) Composite moulded body made of a reaction-bonded mixed ceramic infiltrated with silicon	(71) South32 Worsley Alumina Pty Ltd (21) 2025210896 (22) 04.08.2025 (54) PROCESS FOR DIGESTION OF ALUMINOUS ORE	(71) Telefonaktiebolaget LM Ericsson (publ) (21) 2025210907 (22) 04.08.2025 (54) Methods, network nodes and computer readable media for supporting set information in UE context retrieval
	(71) Spogen Biotech Inc. (21) 2025210764 (22) 29.07.2025 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes	(71) Tencent America LLC (21) 2025210910 (22) 04.08.2025

Complete Applications Filed - Name Index cont'd

(54) Conversion of Decoded Block Vector
for Intra Picture Block Compensation

(71) THANDRA, V.; SHAABAN, A.F.

(21) 2025210866 (22) 01.08.2025

(54) TIMEKEEPING AND BILLING TO CRE-
ATE AND MAINTAIN EMPLOYEES
AND INDEPENDENT CONTRACTORS

(71) The George Institute For Global Health;
The University of Sydney

(21) 2025210908 (22) 04.08.2025

(54) Compositions for the treatment of hy-
pertension

(71) The Regents of the University of Cali-
fornia

(21) 2025210899 (22) 04.08.2025

(54) CLAUDIN18 ANTIBODIES AND METH-
ODS OF TREATING CANCER

(71) THE REGENTS OF THE UNIVERSITY
OF COLORADO, A BODY CORPOR-
ATE; LONGPATH TECHNOLOGIES,
INC.

(21) 2025210820 (22) 31.07.2025

(54) OPTICAL SPECTROSCOPY FOR
CHARACTERIZING ATMOSPHERIC
EMISSIONS

(71) Thermodynamic Design, LLC

(21) 2025210771 (22) 30.07.2025

(54) CUSTOMIZABLE DATA MANAGE-
MENT SYSTEM

**The University of Sydney see The George
Institute For Global Health**

(21) 2025210908

(71) Tongwei Solar (Chengdu) Co., Ltd.

(21) 2025210838 (22) 31.07.2025

(54) Photovoltaic module, preparation meth-
od thereof and photovoltaic power gen-
eration apparatus

(71) Vanda Pharmaceuticals Inc.

(21) 2025210905 (22) 04.08.2025

(54) METHOD OF TREATMENT WITH
TRADIPITANT

**Van Nuisenburgh, s. see QUANTIMIND QE-
AI PTY LTD**

(21) 2025210772

(71) VELOX-PUREDIGITAL LTD.

(21) 2025210913 (22) 04.08.2025

(54) PRINTING FORMULATIONS AND
METHODS

(71) VeriFone, Inc.

(21) 2025210869 (22) 01.08.2025

(54) SYSTEMS AND METHODS FOR
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(71) Vertex Pharmaceuticals Incorporated

(21) 2025210821 (22) 31.07.2025

(54) Materials and methods for treatment of
duchenne muscular dystrophy

(71) Victaulic Company

(21) 2025210912 (22) 04.08.2025

(54) Mechanical outlet

(71) Well Universal Pty Ltd

(21) 2025210812 (22) 31.07.2025

(54) A method and a processor for determin-
ing health of an individual

(71) Wing Aviation LLC

(21) 2025210774 (22) 30.07.2025

(54) Automated assignment of UAVs to sta-
ging pads

(71) WONDERLAND SWITZERLAND AG

(21) 2025213551 (22) 05.08.2025

(54) Child Carriage with Removable Soft
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(71) XEFCO PTY LTD

(21) 2025210917 (22) 04.08.2025

(54) Improved Vapour Deposition System,
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(71) Yazaki Corporation

(21) 2025213550 (22) 05.08.2025

(54) Bus bar and electrical connection box

(71) Yoo, J.K.

(21) 2025210886 (22) 04.08.2025

(54) Customisable backpack using modular
bricks such as lego

(71) Zeltiq Aesthetics, Inc.

(21) 2025210872 (22) 01.08.2025

(54) Methods, devices, and systems for im-
proving skin characteristics

(71) Zhou, F.; Shan, Z.

(21) 2025210816 (22) 31.07.2025

(54) Medicinal components and method to
treat oxidative stress

(71) Zurn Water, LLC

(21) 2025210854 (22) 01.08.2025

(54) Stacked backflow preventer

(71) Zurn Water, LLC

(21) 2025210856 (22) 01.08.2025

(54) Stacked backflow preventer and divert-
er for same

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
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21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
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26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)

A	Applications on which examination has not been requested or directed
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D	Applications which have been accepted or advertised accepted
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2023200091 (25D) 2023200435 (25D) 2023200567 (4C)
 2023201114 (5C) 2023202320 (4C) 2023202405 (5C)
 2023202609 (5C) 2023202726 (5C) 2023203014 (5C)
 2023203032 (5C) 2023203041 (4C) 2023203195 (25D)
 2023203931 (5C) 2023203974 (5C) 2023206122 (5C)
 2023206218 (5C) 2023210595 (5C) 2023214269 (5C)
 2023226735 (5C) 2023241388 (5C) 2023251512 (5C)
 2023254860 (5C) 2023254892 (4C)

2024

2024203934 (5CN) 2024203965 (5C) 2024204354 (4C)
 2024902437 (12AN)

2025

2025203369 (1B) 2025203379 (1BN) 2025203426 (1B)
 2025203722 (7CN) 2025203743 (7AN) 2025203805 (7AN)
 2025204910 (12CN) 2025205112 (12B) 2025205215 (12B)
 2025208574 (12AN) 2025901133 (12AN) 2025903223 (12AN)

Assignments before Grant, Section 113

2019

2019375629 ABL Co.,Ltd The application has been assigned to
 LEE, Myung Eun

Assignments before Grant, Section 113

2020

2020205277 Roadpod Pty Ltd The application has been assigned to **Roadpod IP Pty Ltd**

2020229559 Sumitomo Pharma Co., Ltd.; International Institute of Cancer Immunology, Inc. The application has been assigned to **International Institute of Cancer Immunology, Inc.**

2020257257 Acutus Medical, Inc. The application has been assigned to **EnChannel Medical, Ltd.**

2020287341 Acutus Medical, Inc. The application has been assigned to **EnChannel Medical, Ltd.**

2020325690 Fundacio Clinic per a la Recerca Biomedica; Hospital Clinic de Barcelona; Institut d'investigacions Biomèdiques August Pi i Sunyer (IDIBAPS); Universitat de Barcelona The application has been assigned to **Fundació de Recerca Clinic Barcelona-Institut d'Investigacions Biomèdiques August Pi i Sunyer; Fundacio Clinic per a la Recerca Biomedica; Hospital Clinic de Barcelona; Universitat de Barcelona**

2020337084 Kashiv Biosciences, LLC The application has been assigned to **Amneal Pharmaceuticals, LLC**

2021

2021204072 BVN Architecture Pty Ltd The application has been assigned to **Systems Reef Group Pty Ltd**

2021322926 The University of Birmingham The application has been assigned to **Delta G Limited**

2021368635 Kashiv Biosciences, LLC The application has been assigned to **Amneal Pharmaceuticals, LLC**

2021409118 DITTOPATTERNS LLC The application has been assigned to **Singer Sourcing Limited LLC**

2022

2022225755 KASHIV BIOSCIENCES, LLC The application has been assigned to **Amneal Pharmaceuticals, LLC**

2022229688 HOLLIER, Clinton; DALY, Paul The application has been assigned to **Fin Control Systems Pty Ltd**

2022234409 OTHER LAB, LLC The application has been assigned to **Channing Street Copper Company**

2022324793 VISHAY ADVANCED TECHNOLOGIES LTD. The application has been assigned to **VPG Technology Development Ltd**

2022378439 ALTERGON S.A. The application has been assigned to **IBSA INSTITUT BIOCHIMIQUE SA**

2022403827 KASHIV BIOSCIENCES, LLC The application has been assigned to **Amneal Pharmaceuticals, LLC**

Assignments before Grant, Section 113

2023

2023213230 DEEPH2 INC. The application has been assigned to **Arrowhead Energy Inc.**

2023221924 ETERN BIOPHARMA (SHANGHAI) CO., LTD. The application has been assigned to **Etern Therapeutics Hongkong Limited**

2023316502 PA3DS, LLC The application has been assigned to **The Huug Group Inc.**

2023329544 OKAYAMA UNIVERSITY; NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY The application has been assigned to **KWS SAAT Se & Co. KGaA**

2023337330 KARL SCHNELL GMBH & CO. KG; LINDE GMBH The application has been assigned to **Linde GmbH**

2024

2024227069 nthalmic holding pty ltd The application has been assigned to **Nthalmic Holding Pty Ltd; Brighten Optix Corporation; Shanghai Ispax Medical Co Ltd; nthalmic holding pty ltd**

2024902534 McNicol, Terence; FELK, Vaughan The application has been assigned to **FELK, Caleb; Andre & Susan Wewege Pty Ltd; K & L English Pty Ltd; McNicol Enterprises Pty Ltd; STEWART, Michael**

2024902892 ResMed Pty Ltd; ResMed Asia Pte. Ltd. The application has been assigned to **ResMed Asia Pte. Ltd.**

2024903632 Rataj, Mieczyslaw The application has been assigned to **MDStrata Pty Ltd**

2024904233 ResMed Pty Ltd; ResMed Asia Pte. Ltd. The application has been assigned to **ResMed Asia Pte. Ltd.**

2025

2025900399 ROLANDO SALTINI; IMAD AL KASSAA; ANDREW PATRICK; GEOFFREY SHAUN STEVENS; FONTERRA CO-OPERATIVE GROUP LIMITED The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

Extensions of Time, Section 223

Applications Received

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

2009

2009202310 **Jarmen Pty Ltd** An application to extend the time from 10 Jun 2024 to 10 Apr 2025 in which to pay a renewal fee has been filed . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2014

2014256850 **Between the Flags (AUST) Pty Ltd** An application to extend the time from 02 Jun 2023 to 02 Nov 2024 in which to pay a re-

Extensions of Time, Section 223

newal fee has been filed . Address for service - FB Rice Pty Ltd Level 33, 477 Collins Street Melbourne VIC 3000 AU

2019

2019201992 **Virotec Pty Ltd** An application to extend the time from 22 Mar 2024 to 22 Jun 2025 in which to request examination has been filed . Address for service - Macpherson Kelley Pty Ltd C/- GPO Box 5299 Brisbane QLD 4001 AU

Applications Allowed - Section 223(2)

2017

2017202587 **Apple Inc.** The time in which to pay a renewal fee has been extended to 28 Mar 2025 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower, 161 Castlereagh Street Sydney NSW 2000 AU

2020

2020202728 **BULLROARER NETWORKS PTY LIMITED** The time in which to pay a renewal fee has been extended to 23 Apr 2025 . Address for service - Fraser Old & Sohn PO Box 560 MILSONS POINT NSW 1565 AU

2020244478 **FAICZAK, J.** The time in which to request examination has been extended to 25 Jun 2025 . Address for service - WRAYS PTY LTD L7, 863 Hay St Perth WA 6000 AU

2022

2022202030 **ST REPRODUCTIVE TECHNOLOGIES, LLC** The time in which to pay a renewal fee has been extended to 19 May 2025 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2023

2023203347 **PerkinElmer Health Sciences, Inc.** The time in which to pay a continuation fee has been extended to 02 Apr 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023210544 **TLS Corp.** The time in which to pay the acceptance fee has been extended to 17 Aug 2025 . Address for service - JMSD IP Pty Ltd PO Box 3066 Newstead QLD 4006 AU

2023361457 **BEUHI, INC.** The time in which to enter the National Phase has been extended to 11 Jun 2025 . Address for service - WRAYS PTY LTD L7, 863 Hay St Perth WA 6000 AU

2024

2024204268 **EVOLVE MEDICUS, INC.** The time in which to pay the acceptance fee has been extended to 03 Aug 2025 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2025

2025203302 **Tetrous, Inc.** The time in which to request examination has been extended to 13 Aug 2025 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2025205391 **Decibullz LLC** The time in which to claim the convention priority date has been extended to 25 Jul 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

Amendments

Applications for Amendment

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

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

2016

2016100324 An electrical module for a power tool and a power tool **Techtronic Outdoor Products Technology Limited.** The nature of the amendment is as shown in the statement(s) filed 14 May 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017

2017377852 Pyrimidine tricyclic enone derivatives for inhibition of RORgamma and other uses **Reata Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Jun 2025 . Address for service - JMSD IP Pty Ltd PO Box 3066 Newstead QLD 4006 AU

2021

2021306423 Method of anchoring posts **Clipex IP Limited** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2025 . Address for service - OLSSON - AG PTY LIMITED 624 Progress Rd Wacol QLD 4076 AU

2022

2022275786 Extended, high dose VEGF antagonist regimens for treatment of angiogenic eye disorders **Regeneron Pharmaceuticals, Inc. ; Bayer Healthcare LLC** The nature of the amendment is as shown in the statement(s) filed 30 Jul 2025 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2022301201 A METHOD FOR IDENTIFYING VARIANTS IN GENE PRODUCTS FROM GENE CONSTRUCTS USED IN CELL THERAPY APPLICATIONS **KITE PHARMA, INC.** The nature of the amendment is as shown in the statement(s) filed 16 Jul 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2022323499 INFORMATION TRANSMISSION METHOD, APPARATUS, NODE, AND STORAGE MEDIUM **ZTE CORPORATION** The nature of the amendment is as shown in the statement(s) filed 01 Aug 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023270310 Compounds for inhibiting Ly6K and methods of using same **The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 Jul 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2023270346 Pharmaceutical composition of a weak acid drug and methods of administration **Pharmosa Biopharm Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Jul 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower, 80 Collins Street Melbourne VIC 3000 AU

Amendments

dress for service - FB Rice Pty Ltd Level 29 126 Phillip Street Sydney NSW 2000 AU

2024

2024200373 Process for the synthesis of (s)-3-amino-4-(difluoromethylenyl)cyclopent-1-ene-1-carboxylic acid **Northwestern University** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2024264573 Transfer case **Titan Design & Engineering Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 25 Jul 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

Amendments Made

2007

2007261536 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 28 Mar 2025

2017

2017436163 **Boral IP Holdings (Australia) Pty Limited** The nature of the amendment is as shown in the statement filed 05 Mar 2025

2017436546 **Boral IP Holdings (Australia) Pty Limited** The nature of the amendment is as shown in the statement filed 05 Mar 2025

2019

2019254038 **ENI S.p.A.** The nature of the amendment is as shown in the statement filed 15 Apr 2025

2019300502 **Umano Medical Inc.** The nature of the amendment is as shown in the statement filed 14 Apr 2025

2019333835 **Tosoh Corporation** The nature of the amendment is: Amend the name of the inventor to read HANEY, Max and MURPHY, Michael P.

2019340562 **ENI S.p.A.** The nature of the amendment is as shown in the statement filed 01 May 2025

2019365821 **Gen-Probe Incorporated** The nature of the amendment is as shown in the statement filed 23 Apr 2025

2020

2020234961 **Nocion Therapeutics, Inc.** The nature of the amendment is as shown in the statement filed 24 Apr 2025

2020251987 **Dren Bio Management, Inc.** The nature of the amendment is: To amend the applicant name to Dren Bio Management, Inc.

2020253621 **Dren Bio Management, Inc.** The nature of the amendment is: To amend the applicant name to Dren Bio Management, Inc.

2020399592 **Gree Electric Appliances, Inc. of Zhuhai** The nature of the amendment is: Amend the invention title to read Energy transmis-

Amendments

sion method, energy router and operation control device thereof, and storage medium.

2021

2021352981 **Dren Bio Management, Inc.** The nature of the amendment is: To amend the applicant name to Dren Bio Management, Inc.

2021358659 **Dren Bio Management, Inc.** The nature of the amendment is: To amend the applicant name to Dren Bio Management, Inc.

2021442702 **Alethia Biotherapeutics ULC** The nature of the amendment is: To amend the applicant name to Alethia Biotherapeutics ULC

2022

2022202309 **Metalogenia Research & Technologies S.L.** The nature of the amendment is as shown in the statement filed 07 Nov 2024

2022224868 **Tosoh Corporation** The nature of the amendment is: Amend the name of the inventor to read HANEY, Max and MURPHY, Michael P.

2022264619 **Alethia Biotherapeutics ULC** The nature of the amendment is: To amend the applicant name to Alethia Biotherapeutics ULC

2022266854 **Alethia Biotherapeutics ULC** The nature of the amendment is: To amend the applicant name to Alethia Biotherapeutics ULC

2022305715 **Aziwell Holding AS** The nature of the amendment is: To amend the applicant name to Aziwell Holding AS

2022331993 **YOSHINO GYPSUM CO., LTD.** The nature of the amendment is as shown in the statement filed 09 May 2025

2022350731 **FULBRIGHT MEDICAL INC.** The nature of the amendment is as shown in the statement filed 07 May 2025

2022401149 **HAZER GROUP LIMITED** The nature of the amendment is: Amend the name of the inventor to read CORNEJO, Andrew; ROY, Anup Kumar; LO, Victor Cheuk-Kit; CHIVERS, Benjamin and NURB, Nikan

2023

2023216333 **Alethia Biotherapeutics ULC** The nature of the amendment is: To amend the applicant name to Alethia Biotherapeutics ULC

2023227088 **Syensqo Specialty Polymers Italy S.p.A.** The nature of the amendment is: To amend the applicant name to Syensqo Specialty Polymers Italy S.p.A.

2023251034 **Dren Bio Management, Inc.** The nature of the amendment is: To amend the applicant name to Dren Bio Management, Inc.

Amendments

2023282309 **Jazz Pharmaceuticals Therapeutics, Inc.** The nature of the amendment is: To amend the applicant name to Jazz Pharmaceuticals Therapeutics, Inc.

2023320122 **CHIMERIX, INC.** The nature of the amendment is as shown in the statement filed 22 Jul 2025

2023322223 **ADE CONSULTING GROUP PTY LTD** The nature of the amendment is: Amend the name of the inventor to read NEFODOV, Ross; ASKELAND, Matthew; STEWART, Richard John; DENG, Xiao Lan and HEINEKE, Martin

2023353699 **Dren Bio Management, Inc.** The nature of the amendment is: To amend the applicant name to Dren Bio Management, Inc.

2023391870 **VERTEX PHARMACEUTICALS INCORPORATED** The nature of the amendment is: Amend the name of the inventor to read HARRISON, Cristian; BENITO GALLO, Paloma; CHANGI, Shujaiddin, M.; DAVIS, Christopher, John; EVERITT, Simon, Robert; EMER, Enrico; GAGNON, Kevin, J.; LEWANDOWSKI, Berenice, L.; MCTIERNAN, Andrew; MEDEK, Ales; O'DONNELL, Michael, Edward; O'NEIL, Simon, Adam; PANESAR, Maninder; SIDERA PORTELA, Mireia; SHANAHAN, Stephen, Edward; SOUSA, Bruno, Arthur; STEPHENS, David, E. and WIJETHUNGA, Tharanga, K.

2023394024 **NUTROMICS TECHNOLOGY PTY LTD** The nature of the amendment is as shown in the statement filed 28 Jun 2025

2023412582 **BEIJING HANDIAN PHARMACEUTICAL CO., LTD.** The nature of the amendment is as shown in the statement filed 11 Jul 2025

2023418243 **SPH BIOTHERAPEUTICS (SHANGHAI) LIMITED; SPH BIOTHERAPEUTICS (HK) LIMITED** The nature of the amendment is: Amend the invention title to read ANTIGEN-BINDING PROTEIN TARGETING ROR1

2023430021 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read SOLIDIFIED BODY, ROADBED MATERIAL, AND METHOD FOR MANUFACTURING SOLIDIFIED BODY

2023431497 **NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE** The nature of the amendment is: Amend the invention title to read Threaded connection for steel pipe

2024

2024204323 **Iovance Biotherapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read Veerapathran, Anand; Gokuldass, Aishwarya; Rabinovich, Brian and Lotze, Michael T.

2024216203 **ANGEL GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read GAMING TABLE SYSTEM

2024222103 **MELIODAYS MEDICAL GMBH** The nature of the amendment is: Amend the name of the inventor to read SABBIONE, Simone

2024231754 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read HIGH-STRENGTH

Amendments

SEAMLESS STEEL PIPE FOR HIGH-PRESSURE HYDROGEN CONTAINER AND METHOD FOR MANUFACTURING THE SAME

2024266763 **CATERPILLAR INC.** The nature of the amendment is: Amend the name of the inventor to read KUMAR, Luvkush; SAIKIA, Siddhartha; HAMANN, Robert A.; LABRE, Jeffrey P. and ANGAMUTHU GANESAN, Mahendra Kumar

2024287156 **Bios-Therapy, Physiological Systems for Health S.p.A.** The nature of the amendment is as shown in the statement filed 27 Feb 2025

2024290935 **CHONGQING CHANGAN AUTOMOBILE CO., LTD.** The nature of the amendment is: Amend the invention title to read Energy-saving engine oil control valve with internal engine oil circulation and engine system

2024329874 **LONGI SOLAR TECHNOLOGY (XI'AN) CO., LTD.** The nature of the amendment is: Amend the invention title to read SOLAR CELL, SOLAR CELL MODULE, AND MANUFACTURING METHOD FOR SOLAR CELL

2025

2025900707 **Annuello Investments Pty Ltd** The nature of the amendment is: To amend the applicant name to Annuello Investments Pty Ltd

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

2010

2010324506 Alethia Biotherapeutics Inc.; National Research Council of Canada The name of the patentee has been altered to **National Research Council of Canada; Alethia Biotherapeutics ULC**

2017

2017207299 Celator Pharmaceuticals, Inc. The name of the patentee has been altered to **Jazz Pharmaceuticals Therapeutics, Inc.**

2018

2018246214 Tesaro, Inc.; Merck Sharp and Dohme Corp. The name of the patentee has been altered to **Tesaro, Inc.; Merck Sharp & Dohme LLC**

2018284002 Seaborg ApS The name of the patentee has been altered to **Saltfoss Energy ApS**

2019

2019101768 HONYA Biotechnology The name of the patentee has been altered to **Liu, J.T.K.**

2019238082 Meggitt Training Systems, Inc. The name of the applicant has been altered to **InVeris Training Solutions, Inc.**

2019438571 Komatsu Reman Center Chile S.A. The name of the applicant has been altered to **Komatsu Chile S.A.**

Amendments**2022**

2022364271 MUTERS ITALY S.P.A. The name of the applicant has been altered to **GRAINPROTEINTECH CLIMATE CONTROL AIR TREATMENT ITALY S.P.A.**

2024

2024902382 Lions Eye Institute Limited The name of the applicant has been altered to **Lions Eye Institute Limited; Curtin University**

2024903213 HONYA Biotechnology The name of the applicant has been altered to **Liu, J.T.K.**

Applications Open to Public Inspection

Name Index

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

(71) AbbVie Deutschland GmbH & Co. KG;
 AbbVie Inc.
 (11) AU-A-2025208470
 (21) 2025208470 (22) 24.07.2025
 (54) Composition and method for the diagnosis and treatment of iron-related disorders
 (51) Int. Cl.
C07K 16/26 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
 (43) 14.08.2025
 (62) 2022200452
 (72) MUELLER, Bernhard; POPP, Andreas; PEREZ, Jennifer M.
 (74) Spruson & Ferguson

AbbVie Inc. see AbbVie Deutschland GmbH & Co. KG
 (21) 2025208470

Acclipse One Inc. see The University of Sheffield
 (21) 2025208505

(71) ADB SAFEGATE BV
 (11) AU-A-2025205628
 (21) 2025205628 (22) 20.07.2025
 (54) Airfield Ground Light with Integrated Light Controller That Employs Power-line Communications and Sensors
 (51) Int. Cl.
H05B 47/21 (2020.01)
F21V 31/00 (2006.01)
G01M 5/00 (2006.01)
G01M 13/00 (2019.01)
H05B 45/18 (2020.01)
H05B 45/58 (2020.01)
H05B 47/23 (2020.01)
 (43) 14.08.2025
 (62) 2022380736
 (72) DININNO, Daryl M.; MITCHELL, Douglas; STACHOW, Robert
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Affimmune Limited
 (11) AU-A-2025208460
 (21) 2025208460 (22) 24.07.2025
 (54) Compositions comprising 15-HEPE for treating or preventing hematologic disorders, and/or related diseases
 (51) Int. Cl.
A61K 31/202 (2006.01)
A61P 7/00 (2006.01)
A61P 7/02 (2006.01)
A61P 7/06 (2006.01)
A61P 35/00 (2006.01)

A61P 35/02 (2006.01)
 (43) 14.08.2025
 (62) 2020440809
 (72) CLIMAX, John; HAMZA, Moayed; WEISSBACH, Markus; COUGHLAN, David
 (74) Spruson & Ferguson

(71) AgJunction LLC
 (11) AU-A-2025208459
 (21) 2025208459 (22) 24.07.2025
 (54) Integrated GNSS and steering for agricultural guidance systems
 (51) Int. Cl.
B62D 15/02 (2006.01)
A01B 69/00 (2006.01)
G01S 19/14 (2010.01)
G01S 19/47 (2010.01)
 (43) 14.08.2025
 (62) 2019339489
 (72) KREIDER, Thomas R.; VILLELA, Mark Alan; MCMICKELL, Michael Brett
 (74) Davies Collison Cave Pty Ltd

(71) Agribody Technologies, Inc.
 (11) AU-A-2025204193
 (21) 2025204193 (22) 05.06.2025
 (54) Plants with modified DHS genes
 (51) Int. Cl.
A01H 1/00 (2006.01)
C07H 21/04 (2006.01)
C07K 14/415 (2006.01)
C12N 1/21 (2006.01)
C12N 15/09 (2006.01)
 (43) 14.08.2025
 (62) 2018395410
 (72) FEITELSON, Jerald S.; THOMPSON, John E.; TAYLOR, Catherine A.
 (74) Allens Patent & Trade Mark Attorneys

(71) Alcresta Therapeutics, Inc.
 (11) AU-A-2025208578
 (21) 2025208578 (22) 29.07.2025
 (54) Enteral feeding devices and related methods of use
 (51) Int. Cl.
A61K 38/46 (2006.01)
A61K 9/00 (2006.01)
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
 (43) 14.08.2025
 (62) 2023202075
 (72) GALLOTTO, Robert; LORING, Greta L.; GARY, Kenneth; PARK, Edward S.; BROWN, David J.; SCHOEVAART, Willem Robert Klaas; VAN VLIET, Michiel Christian Alexander
 (74) Spruson & Ferguson

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2025206406
 (21) 2025206406 (22) 22.07.2025
 (54) MODIFIED RNA AGENTS WITH REDUCED OFF-TARGET EFFECT
 (51) Int. Cl.
C12N 15/113 (2010.01)
 (43) 14.08.2025
 (62) 2019270152
 (72) MATSUDA, Shigeo; SCHLEGEL, Mark K.; JANAS, Maja; JADHAV, Vasant R.; MAIER, Martin; CHARISSE, Klaus; MANOHARAN, Muthiah; RAJEEV, Kallanthottathil G.; NAIR, Jayaprakash K.
 (74) Griffith Hack

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2025208491
 (21) 2025208491 (22) 24.07.2025
 (54) Biodegradable lipids for the delivery of active agents
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/127 (2006.01)
A61K 31/7088 (2006.01)
C07C 211/00 (2006.01)
C07C 219/00 (2006.01)
C07D 295/15 (2006.01)
C12N 15/88 (2006.01)
 (43) 14.08.2025
 (62) 2019351809
 (72) JAYARAMAN, Muthusamy; HE, Guo; MAIER, Martin
 (74) Davies Collison Cave Pty Ltd

(71) Amgen Inc.
 (11) AU-A-2025205470
 (21) 2025205470 (22) 15.07.2025
 (54) Formulations Of Human Anti-RANKL Antibodies, And Methods Of Using The Same
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
 (43) 14.08.2025
 (62) 2018260750
 (72) Brych, Stephen Robert; Wong, Ly-anne M.; Fallon, Jaymille; Goss, Monica Michelle; Gu, Jian Hua; Ghattyvenkatakrishna, Pavan K.
 (74) WRAYS PTY LTD

(71) Amylyx Pharmaceuticals, Inc.
 (11) AU-A-2025208421
 (21) 2025208421 (22) 23.07.2025
 (54) AVEXITIDE FOR THE TREATMENT OF HYPERINSULINEMIC HYPOGLYCEMIA
 (51) Int. Cl.
C07K 14/605 (2006.01)
A61K 9/08 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- A61K 38/16** (2006.01)
A61K 38/17 (2006.01)
A61K 38/26 (2006.01)
A61P 3/08 (2006.01)
A61P 3/10 (2006.01)
C07K 14/645 (2006.01)
(43) 14.08.2025
(62) 2019359807
(72) CRAIG, Colleen M.; PORTER, Lisa
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** Angel Group Co., Ltd.
(11) AU-A-2025208514
(21) 2025208514 **(22)** 25.07.2025
(54) Game table reading system
(51) Int. Cl.
A63F 9/00 (2006.01)
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
G06K 19/04 (2006.01)
G06Q 50/10 (2012.01)
(43) 14.08.2025
(62) 2023233097
(72) SHIGETA, Yasushi
(74) Davies Collison Cave Pty Ltd
-
- (71)** Angel Group Co., Ltd.
(11) AU-A-2025210745
(21) 2025210745 **(22)** 29.07.2025
(54) CAGE SYSTEM, AND CHIP MANAGEMENT SYSTEM
(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
G06K 7/10 (2006.01)
G06K 19/04 (2006.01)
G06Q 50/34 (2012.01)
(43) 14.08.2025
(62) 2021287089
(72) SHIGETA, Yasushi
(74) RnB IP Pty Ltd
-
- (71)** Ascendis Pharma Growth Disorders A/S
(11) AU-A-2025208461
(21) 2025208461 **(22)** 24.07.2025
(54) CNP prodrugs
(51) Int. Cl.
A61P 19/00 (2006.01)
A61P 27/02 (2006.01)
(43) 14.08.2025
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(72) Sprogøe, Kennett; Hersel, Ulrich; Rau, Harald; Wegge, Thomas; Faltinger, Frank; Cleemann, Felix; Kaluza, Nora; Bernhard, Ana; Buba, Annette; Woods, Tom
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2025208552
(21) 2025208552 **(22)** 28.07.2025
(54) Scalable neutral atom based quantum computing
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- (51)** Int. Cl.
G06N 10/00 (2022.01)
B82Y 10/00 (2011.01)
(43) 14.08.2025
(62) 2019379127
(72) KING, Jonathan; BLOOM, Benjamin; KOTRU, Krish; LESTER, Brian; PARSONS, Maxwell
(74) FB Rice Pty Ltd
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- (71)** BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.
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(21) 2024357303 **(22)** 22.07.2024
(54) HANDLING ROBOT AND AUTOMATIC WAREHOUSE
(51) Int. Cl.
B66F 7/06 (2006.01)
B66F 9/24 (2006.01)
(31) 202410138709.1 **(32)** 31.01.24 **(33)** CN
(43) 14.08.2025
(72) CHEN, Ying
(74) Griffith Hack
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- (71)** BioAtla, LLC
(11) AU-A-2025205498
(21) 2025205498 **(22)** 16.07.2025
(54) Anti-Axl antibodies, antibody fragments and their immunoconjugates and uses thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 47/50 (2017.01)
G01N 33/68 (2006.01)
(43) 14.08.2025
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(72) Short, Jay M.; Chang, Hwai Wen; Frey, Gerhard
(74) Allens Patent & Trade Mark Attorneys
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- (71)** bioMérieux, Inc
(11) AU-A-2025210746
(21) 2025210746 **(22)** 29.07.2025
(54) METHODS FOR ALIGNING A LIGHT SOURCE OF AN INSTRUMENT, AND RELATED INSTRUMENTS
(51) Int. Cl.
B01L 3/00 (2006.01)
B65B 5/04 (2006.01)
H01J 49/02 (2006.01)
(43) 14.08.2025
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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2025208433
(21) 2025208433 **(22)** 23.07.2025
(54) Methods of treating hemophilia A
(51) Int. Cl.
A61K 38/36 (2006.01)
A61K 38/37 (2006.01)
A61P 7/04 (2006.01)
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(72) INNES, Alison; KATRAGADDA, Suresh; RICE, Kara; RUDIN, Dan; SETH CHH-ABRA, Ekta; WONG, Nancy
(74) Griffith Hack
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(54) Display System
(51) Int. Cl.
B63B 22/16 (2006.01)
B63B 27/00 (2006.01)
(31) 2400983.9 **(32)** 25.01.24 **(33)** GB
(43) 14.08.2025
(72) Newman, Simon; Smith, Matthew; Jordan, Mark
(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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(11) AU-A-2024200527
(21) 2024200527 **(22)** 29.01.2024
(54) Electrical connector assembly
(51) Int. Cl.
H01R 13/00 (2006.01)
B60L 53/302 (2019.01)
H05K 7/20 (2006.01)
H01R 11/28 (2006.01)
H01R 13/533 (2006.01)
H02G 3/03 (2006.01)
(43) 14.08.2025
(72) Dowling, Alexander
(74) FPA Patent Attorneys Pty Ltd
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- (71)** CATERPILLAR INC.
(11) AU-A-2025200454
(21) 2025200454 **(22)** 23.01.2025
(54) BRAKING CONTROL FOR MACHINE DESCENT
(51) Int. Cl.
B60T 8/17 (2006.01)
B60T 8/32 (2006.01)
B60T 10/00 (2006.01)
B60T 13/66 (2006.01)
B60T 17/22 (2006.01)
B60W 30/18 (2012.01)
(31) 18/425374 **(32)** 29.01.24 **(33)** US
(43) 14.08.2025
(72) SCHNEIDER, Karl P.; WALDIA, Mahendra S.; SKALET, Joel L.; OLSEN, Andrew J.
(74) FPA Patent Attorneys Pty Ltd
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(21) 2025200455 **(22)** 23.01.2025
(54) BATTERY OPTIMAL DYNAMIC TEMPERATURE CONTROL
(51) Int. Cl.
B60L 58/26 (2019.01)
H01M 10/613 (2014.01)
H01M 10/625 (2014.01)
H01M 10/63 (2014.01)
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(54) Rock Bolt
(51) Int. Cl.
E21D 21/00 (2006.01)
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(62) 2024278469
(72) CATOI, Peter Bryce
(74) Armour IP

(71) Celosia Therapeutics Pty Ltd
(11) AU-A-2025208480
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(54) Compositions and methods for treatment
(51) Int. Cl.
C07K 14/47 (2006.01)
A61K 38/00 (2006.01)
A61P 25/28 (2006.01)
(43) 14.08.2025
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(72) ITTNER, Lars; KE, Yazi Diana
(74) FPA Patent Attorneys Pty Ltd

(71) CFPH, LLC
(11) AU-A-2025208544
(21) 2025208544 (22) 28.07.2025
(54) AMUSEMENT DEVICES AND GAMES INVOLVING PROGRESSIVE JACK-POTS
(51) Int. Cl.
A63F 13/00 (2014.01)
(43) 14.08.2025
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(72) Tara, Sunny
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) CFPH, LLC
(11) AU-A-2025208547
(21) 2025208547 (22) 28.07.2025
(54) GAME ACCOUNT ACCESS DEVICE
(51) Int. Cl.
G06F 17/00 (2019.01)
A63F 9/00 (2006.01)
A63F 13/00 (2014.01)
G06K 5/00 (2006.01)
(43) 14.08.2025
(62) 2023203661
(72) Asher, Joseph M.; Alderucci, Dean P.; Gelman, Geoffrey M.; Rushin, Ronald
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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(54) Multi-source with inline offset and method
(51) Int. Cl.
G01V 1/38 (2006.01)

(31) 18/426534 (32) 30.01.24 (33) US
(43) 14.08.2025
(72) Ji, Shuo
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2025208546
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(51) Int. Cl.
C12N 15/117 (2010.01)
A61K 39/12 (2006.01)
C12N 7/00 (2006.01)
(43) 14.08.2025
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(72) WALTERS, Evan David; HENNECKE, Frank
(74) Griffith Hack

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(11) AU-A-2024409601
(21) 2024409601 (22) 05.02.2024
(54) CONTROL METHOD AND CONTROL SYSTEM FOR VEHICLE, VEHICLE, AND STORAGE MEDIUM
(51) Int. Cl.
B60W 10/06 (2006.01)
B60W 10/08 (2006.01)
B60W 20/00 (2016.01)
B60W 40/00 (2006.01)
F02D 41/04 (2006.01)
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(43) 14.08.2025
(72) ZHAO, Wei; FU, Xuehai; LEI, Xianqi; CHEN, Xuping; MI, Bo
(74) Madderns Pty Ltd

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(11) AU-A-2024416009
(21) 2024416009 (22) 05.02.2024
(54) STALL CONTROL METHOD AND APPARATUS FOR HYBRID VEHICLE, COMPUTER DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
B60W 20/15 (2016.01)
B60W 10/06 (2006.01)
(31) 202410115862.2 (32) 26.01.24 (33) CN
(43) 14.08.2025
(72) HE, Xinxian; HU, Xianli; WANG, Xuan
(74) WRAYS PTY LTD

(71) CHONGQING CHANGAN AUTO-MOBILE CO., LTD.
(11) AU-A-2024417777
(21) 2024417777 (22) 05.02.2024
(54) METHOD AND APPARATUS FOR DETERMINING TARGET SOC OF POWER BATTERY OF HYBRID VEHICLE
(51) Int. Cl.
B60L 58/12 (2019.01)
B60L 58/16 (2019.01)
B60W 40/00 (2006.01)

G01R 31/387 (2019.01)
(31) 202410147428.2 (32) 31.01.24 (33) CN
(43) 14.08.2025
(72) HU, Song; HU, Xianli; FU, Xuehai; CHEN, Xuping
(74) Madderns Pty Ltd

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(11) AU-A-2024417779
(21) 2024417779 (22) 05.02.2024
(54) CONTROLLING METHOD, APPARATUS, DEVICE OF HYBRID VEHICLE, HYBRID VEHICLE AND STORAGE MEDIUM
(51) Int. Cl.
B60W 20/13 (2016.01)
B60W 10/06 (2006.01)
B60W 10/08 (2006.01)
B60W 10/26 (2006.01)
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(43) 14.08.2025
(72) ZHANG, Yousheng; ZHAO, Junfu
(74) WRAYS PTY LTD

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(11) AU-A-2024417780
(21) 2024417780 (22) 05.02.2024
(54) CONTROL METHOD FOR HYBRID MODE, POWER CONTROL UNIT, CONTROL SYSTEM, AND VEHICLE
(51) Int. Cl.
B60W 20/20 (2016.01)
B60W 40/076 (2012.01)
B60W 40/10 (2012.01)
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(72) YUAN, Ye; HU, Xianli; TANG, Chaoyang
(74) WRAYS PTY LTD

(71) CHONGQING CHANGAN AUTO-MOBILE CO., LTD.
(11) AU-A-2024417781
(21) 2024417781 (22) 05.02.2024
(54) TORQUE CONTROL METHOD AND APPARATUS FOR HYBRID VEHICLE, VEHICLE, AND STORAGE MEDIUM
(51) Int. Cl.
B60W 20/10 (2016.01)
B60W 10/06 (2006.01)
B60W 10/08 (2006.01)
B60W 30/18 (2012.01)
(31) 202410137268.3 (32) 30.01.24 (33) CN
(43) 14.08.2025
(72) WANG, Xuan; HU, Xianli; FU, Xuehai; CHEN, Xuping
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(71) Croc Hinge Pty Ltd
(11) AU-A-2025208548
(21) 2025208548 (22) 28.07.2025
(54) Accessory bracket for a vehicle roof rack
(51) Int. Cl.
B60R 9/042 (2006.01)

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(72) Wilson, Stephen
(74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd
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(21) 2025208451 **(22)** 24.07.2025
(54) Antibody-drug conjugate preparation and lyophilization for same
(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 9/08 (2006.01)
A61K 9/19 (2006.01)
A61K 31/4745 (2006.01)
A61K 39/395 (2006.01)
A61K 47/10 (2017.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 16/00 (2006.01)
(43) 14.08.2025
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(72) KAMII, Tetsuo; NISHIMOTO, Norihiro
(74) Davies Collison Cave Pty Ltd
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- (71)** Decisive Farming Corp.
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(21) 2025208551 **(22)** 28.07.2025
(54) Agricultural enterprise management method and system
(51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 50/02 (2024.01)
(43) 14.08.2025
(62) 2023237061
(72) SCHMALTZ, Remi; COOLIDGE, Michael; DONALD, Garth
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(11) AU-A-2024287141
(21) 2024287141 **(22)** 23.12.2024
(54) Dual frame mounted fertilizer opener with individual downforce and travel
(51) Int. Cl.
A01C 7/06 (2006.01)
A01C 5/06 (2006.01)
A01C 7/20 (2006.01)
(31) 18/426,446 **(32)** 30.01.24 **(33)** US
(43) 14.08.2025
(72) Soto Lozano, Carlos Alberto; Ruby, Jordan J.; Martin, Robert W.
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(21) 2024287145 **(22)** 23.12.2024
(54) Power-split axle drive, agricultural towing vehicle, and method for operating a power-split axle drive
(51) Int. Cl.
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- (51)** Int. Cl.
B60K 23/08 (2006.01)
B60K 6/365 (2007.10)
B60K 6/387 (2007.10)
B60K 6/48 (2007.10)
B60K 6/52 (2007.10)
B60K 17/348 (2006.01)
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(72) Letscher, Jens; Fritz, Norbert; Fleming, Axel
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- (71)** Deere & Company
(11) AU-A-2024287155
(21) 2024287155 **(22)** 23.12.2024
(54) Automatically controlling blower speed on an air cart
(51) Int. Cl.
A01C 7/08 (2006.01)
A01C 7/10 (2006.01)
(31) 18/425,526 **(32)** 29.01.24 **(33)** US
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(54) Systems and methods for moisture driven water application
(51) Int. Cl.
A01C 7/20 (2006.01)
A01B 79/02 (2006.01)
A01C 5/06 (2006.01)
(31) 63/627,539 **(32)** 31.01.24 **(33)** US
19/040,520 29.01.25 US
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(54) Systems and methods for moisture driven material application
(51) Int. Cl.
A01C 7/20 (2006.01)
A01B 79/02 (2006.01)
A01C 5/06 (2006.01)
(31) 63/627,556 **(32)** 31.01.24 **(33)** US
19/040,560 29.01.25 US
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- (71)** DePuy Synthes Products, Inc.
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(21) 2025208458 **(22)** 24.07.2025
(54) Bone compression screws and related systems and methods
(51) Int. Cl.
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- A61B 17/86** (2006.01)
(43) 14.08.2025
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(72) ZASTROZNA, Anna
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(54) BAYONET REGISTRATION TOOL/ PROBE
(51) Int. Cl.
A61B 34/20 (2016.01)
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(72) KANUSKY, Thomas; SIU, Alan; FRIDMAN, Alan; MINNE, Stephen; KOTIAN, Saurabh; POLCHIN, George
(74) K&L Gates
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(54) Desk
(51) Int. Cl.
A47B 13/12 (2006.01)
A47B 27/00 (2006.01)
B43L 5/00 (2006.01)
(43) 14.08.2025
(72) Edwards, Bradley
(74) Bradley Colin Edwards
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- (71)** Edwards Lifesciences Corporation
(11) AU-A-2025208527
(21) 2025208527 **(22)** 25.07.2025
(54) Prosthetic heart valve
(51) Int. Cl.
A61F 2/24 (2006.01)
A61M 29/02 (2006.01)
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(74) Spruson & Ferguson
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- (71)** Envoy Medical Corporation
(11) AU-A-2025208463
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(54) Implantable cochlear system with integrated components and lead characterization
(51) Int. Cl.
A61N 1/36 (2006.01)
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- (71)** EVE Hydrogen Energy Co., LTD.
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(51) Int. Cl.
C07C 211/00 (2006.01)
B01D 61/00 (2006.01)
C07C 229/00 (2006.01)
(31) 202410126784.6 (32) 29.01.24 (33) CN
(43) 14.08.2025
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(74) LexGeneris Pty Ltd

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(54) NITROGEN-CONTAINING MULTICOMPONENT COPOLYMER, MANUFACTURING METHOD THEREOF, ANIONIC RESIN, AND ANION EXCHANGE MEMBRANE
(51) Int. Cl.
C08G 73/00 (2006.01)
C07C 211/00 (2006.01)
H01M 8/10 (2016.01)
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PCT/ 15.03.24 WO
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C08G 75/24 (2006.01)
(31) 202410123403.9 (32) 29.01.24 (33) CN
PCT/ 13.03.24 WO
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(72) YOU, Yingxue; LI, Jiaming; LI, Jian; SU, Xiangdong; WANG, Ying
(74) LexGeneris Pty Ltd

(71) Halliburton Energy Services, Inc.
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(21) 2024201081 (22) 20.02.2024
(54) Managing system pressure within shear induced fracture field during hydraulic fracturing operations to increase the effective energy that can be delivered into the reservoir
(51) Int. Cl.
E21B 47/12 (2012.01)
E21B 43/17 (2006.01)
E21B 49/00 (2006.01)
(31) 18/428,868 (32) 31.01.24 (33) US
(43) 14.08.2025
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Awais; DOUCETTE, Jon Preston;
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(74) Spruson & Ferguson

Hand, S.J. see Wu, K.
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(11) AU-A-2025203020
(21) 2025203020 (22) 29.04.2025
(54) A FOUNDATION AND METHOD OF CONSTRUCTING THEREOF
(51) Int. Cl.
E02D 27/42 (2006.01)
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(74) Griffith Hack

(71) Huawei Technologies Co., Ltd.
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(54) AN ENCODER, A DECODER AND CORRESPONDING METHODS FOR INTER PREDICTION
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H04N 19/513 (2014.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2025208488
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(54) Systems and methods for facilitating clinical messaging in a network environment
(51) Int. Cl.
G06F 3/12 (2006.01)
H04L 45/74 (2022.01)
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(74) Davies Collison Cave Pty Ltd

(71) Implantica Patent Ltd
(11) AU-A-2025208473
(21) 2025208473 (22) 24.07.2025
(54) Apparatus For Controlling Flow In A Bodily Organ
(51) Int. Cl.
A61B 17/12 (2006.01)
A61F 2/04 (2013.01)
A61N 1/36 (2006.01)
(43) 14.08.2025
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(74) WRAYS PTY LTD

(71) Independint Pty Ltd
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(54) A MODULAR, REQUIREMENTS-DRIVEN METHOD FOR PRODUCING INTELLIGENCE REPORTING USING LARGE LANGUAGE MODELS
(51) Int. Cl.
G06N 20/00 (2019.01)
G06N 5/022 (2023.01)
G06Q 10/06 (2023.01)
(43) 14.08.2025
(72) Hawkins, Brendon; Sinclair, Jackson
(74) Independint Pty Ltd

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(51) Int. Cl.
G06Q 10/063 (2023.01)
G06Q 10/04 (2023.01)
(31) 18/424,193 (32) 26.01.24 (33) US
(43) 14.08.2025
(72) SAHOO, Sanjib
(74) RnB IP

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(11) AU-A-2024227791
(21) 2024227791 (22) 31.10.2024
(54) Phase difference measuring method, atomic wave interferometer, angular velocity measuring method, and atomic wave interferometer type gyroscope
(51) Int. Cl.
G01C 19/72 (2006.01)
G01B 9/02015 (2022.01)
G01C 19/58 (2006.01)
(31) 2024-010746 (32) 29.01.24 (33) JP
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(74) Griffith Hack

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(21) 2024227791

(71) JUNO THERAPEUTICS, INC.
(11) AU-A-2025206408
(21) 2025206408 (22) 22.07.2025
(54) COMBINATION OF A CELL THERAPY AND AN IMMUNOMODULATORY COMPOUND
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 31/454 (2006.01)
A61P 35/00 (2006.01)

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(21) 2025208570 (22) 29.07.2025
(54) METHODS OF CONDITIONING PATIENTS FOR T CELL THERAPY
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A61K 35/26 (2015.01)
C12N 5/0783 (2010.01)
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A47K 10/10 (2006.01)
A47B 96/06 (2006.01)
A47K 5/00 (2006.01)
A47K 17/00 (2006.01)
F16B 35/00 (2006.01)
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(72) Kuo, Jerry Kuo-Yung
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(54) METHOD FOR CONTROLLING LIGHTING EFFECTS, ELECTRONIC DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
G06T 7/90 (2017.01)
G06T 5/50 (2006.01)
G06T 11/00 (2006.01)
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H04N 19/159 (2014.01)
H04N 19/119 (2014.01)
H04N 19/132 (2014.01)
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H04N 19/593 (2014.01)
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(74) Dentons Patent Attorneys Australasia Limited
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G06T 7/10 (2017.01)
G06F 18/23 (2023.01)
G06N 20/00 (2019.01)
G06V 10/26 (2022.01)
G06V 10/762 (2022.01)
G06V 10/764 (2022.01)
G06V 10/80 (2022.01)
G06V 10/82 (2022.01)
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C07D 249/06 (2006.01)
A61K 31/4192 (2006.01)
A61P 13/12 (2006.01)
C07D 401/04 (2006.01)
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H10F 77/14 (2025.01)
H10F 71/00 (2025.01)
H10F 77/20 (2025.01)
(31) CN202410109820.8(32) 26.01.24 (33) CN
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(54) BACK CONTACT SOLAR CELL AND METHOD FOR MANUFACTURING SAME
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H10F 10/10 (2025.01)
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(72) TONG, Hongbo; LI, Zhenguo; LIU, Qingping; DING, Chao; CHEN, Chen; DONG, Guangbin; HE, Jinhua; ZHANG, Hongchao; YU, Long; XU, Xinxing
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(54) BACK CONTACT SOLAR CELL AND METHOD FOR MANUFACTURING THE SAME
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H10F 10/14 (2025.01)
H10F 71/00 (2025.01)
H10F 77/70 (2025.01)
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(54) BACK CONTACT SOLAR CELL AND MANUFACTURING METHOD THEREFOR
(51) Int. Cl.
H10F 10/14 (2025.01)
H10F 77/20 (2025.01)
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(51) Int. Cl.

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(11) AU-A-2024220012
(21) 2024220012 **(22)** 24.09.2024
(54) PIPE CLAMPING SYSTEM
(51) Int. Cl.
F16L 3/227 (2006.01)
F16B 7/04 (2006.01)
F16L 3/24 (2006.01)
F16B 9/02 (2006.01)
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(72) SANDERS, Kenneth Michael; RUGGIERO, Bruno
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(54) Automated determination of bone mineral density from a medical image
(51) Int. Cl.
G16H 30/40 (2018.01)
A61B 6/03 (2006.01)
G06T 7/00 (2017.01)
G16H 15/00 (2018.01)
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 63/709,057 18.10.24 US
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(11) AU-A-2025208464
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(54) Systems for a robotic-assisted revision procedure
(51) Int. Cl.
A61B 34/30 (2016.01)
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A61B 90/00 (2016.01)
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(74) FB Rice Pty Ltd

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A61B 34/10 (2016.01)
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A61B 17/16 (2006.01)
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(72) NADZADI, Mark; KHURANA, Rishabh
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A61K 31/7088 (2006.01)
A61P 31/04 (2006.01)
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(72) MANSELL, John
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(21) 2025208477 **(22)** 24.07.2025
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A23K 20/147 (2016.01)
A23K 20/163 (2016.01)
A23K 40/25 (2016.01)
A23K 50/42 (2016.01)
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(54) Variant domains for multimerizing proteins and separation thereof
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C07K 16/00 (2006.01)
C07K 16/06 (2006.01)
C07K 16/28 (2006.01)
C07K 16/36 (2006.01)
C07K 16/46 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

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(21) 2024227335 **(22)** 15.10.2024
(54) Automated tool for determining and providing information about dwellings within geographical regions that are determined specific to indicated locations
(51) Int. Cl.
G01C 11/00 (2006.01)
G01C 15/02 (2006.01)
G01C 15/04 (2006.01)
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(74) Davies Collision Cave Pty Ltd

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(21) 2024227341 **(22)** 15.10.2024
(54) Automated tool for determining and providing building information for multiple partially described proximate geographical regions
(51) Int. Cl.
G01C 21/36 (2006.01)
G06Q 50/16 (2012.01)
(31) 18/583,602 **(32)** 21.02.24 **(33)** US
 63/625,139 25.01.24 US
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(74) Davies Collision Cave Pty Ltd

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(54) Methods of continuous cell culture
(51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/02 (2006.01)
C12M 1/04 (2006.01)
(43) 14.08.2025
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(72) ZANG, Ru; YIN, Jin
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(21) 2025200284 **(22)** 15.01.2025
(54) Light beam projection device
(51) Int. Cl.
F21S 4/28 (2016.01)
F21S 10/00 (2006.01)
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(21) 2025200435 (22) 22.01.2025
(54) A method for identifying a defect in an electrical component of an energy installation, generator unit, energy installation, computer implemented method and computer program product
(51) Int. Cl.
G01R 19/165 (2006.01)
G01R 21/06 (2006.01)
G01R 29/16 (2006.01)
G01R 31/08 (2020.01)
G01R 31/62 (2020.01)
H02J 3/26 (2006.01)
(31) 24382081.8 (32) 29.01.24 (33) EP
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(54) SOLID COMPOSITIONS COMPRISING A GLP-1 AGONIST, A SALT OF N-(8-(2-HYDROXYBENZOYL)AMINO)CAPRYLIC ACID AND A LUBRICANT
(51) Int. Cl.
A61K 38/26 (2006.01)
A61K 9/20 (2006.01)
A61K 47/18 (2017.01)
A61P 3/04 (2006.01)
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(43) 14.08.2025
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(54) RADICALLY INEXPENSIVE AND FLEXIBLE WIRELESS DEPLOYMENT SYSTEM AND METHOD
(51) Int. Cl.
H04W 88/08 (2009.01)
F21K 9/23 (2016.01)
H04B 10/114 (2013.01)
H04W 84/12 (2009.01)
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(54) VIDEO CONFERENCE DEVICE
(51) Int. Cl.
F16M 11/18 (2006.01)
F16M 11/28 (2006.01)
F16M 11/04 (2006.01)
F16M 11/08 (2006.01)
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H04N 7/15 (2006.01)

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(54) ELECTRICAL BYPASS PREPARATION FOR FAILING BATTERY CELL
(51) Int. Cl.
H02J 7/00 (2006.01)
H01M 10/04 (2006.01)
H01M 50/375 (2021.01)
(31) 18/429,090 (32) 31.01.24 (33) US
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(54) Segmented bend restrictor system with full disassembly capability
(51) Int. Cl.
F16L 3/08 (2006.01)
F16L 15/00 (2006.01)
F16L 27/00 (2006.01)
F16L 37/00 (2006.01)
(31) 18/757903 (32) 28.06.24 (33) US
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(72) SHIN, Jung Hoon; PARK, Nahee
(74) FPA Patent Attorneys Pty Ltd

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A61K 38/00 (2006.01)
C07K 14/00 (2006.01)
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(72) CONWAY, Charles; DUBOWCHIK, Gene; KUMAR, Rajesh
(74) Allens Patent & Trade Mark Attorneys

(71) POMA
(11) AU-A-2025200453
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(54) Electric generator, conversion method and method for using one such generator
(51) Int. Cl.
B61B 7/04 (2006.01)
B61B 12/00 (2006.01)
H02S 30/20 (2014.01)
(31) 2400753 (32) 25.01.24 (33) FR
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(54) MODELING TRAIN MOVEMENT DYNAMICS FOR TRAIN CONTROL
(51) Int. Cl.
B61C 17/12 (2006.01)
B61L 27/16 (2022.01)
G06N 20/00 (2019.01)
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(74) FPA Patent Attorneys Pty Ltd

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H01B 7/18 (2006.01)
H01B 7/14 (2006.01)
H01B 7/20 (2006.01)
H01B 9/02 (2006.01)
H01B 11/22 (2006.01)
(31) 102024000001500 (32) 26.01.24 (33) IT
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(72) DE RAI, Luca Giorgio Maria
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2025200561
(21) 2025200561 (22) 28.01.2025
(54) SURFACE TREATMENT COMPOSITION COMPRISING BOTH CHEMICAL AND MICROBIAL COMPONENTS FOR SURPRESSING NON-GRAS MICROORGANISMS ON A SURFACE, TO THE BENEFIT OF GRAS MICROORGANISMS
(51) Int. Cl.
A01N 63/20 (2020.01)
A01N 25/02 (2006.01)
A01N 25/30 (2006.01)
A01P 1/00 (2006.01)
A61K 8/11 (2006.01)
A61K 8/34 (2006.01)
A61K 8/36 (2006.01)
A61K 8/60 (2006.01)
A61K 8/73 (2006.01)
A61K 8/99 (2017.01)

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A61K 31/19 (2006.01)
A61K 35/741 (2015.01)
A61K 35/742 (2015.01)
A61K 47/10 (2017.01)
A61K 47/14 (2017.01)
A61L 2/18 (2006.01)
A61Q 17/00 (2006.01)
A61Q 19/00 (2006.01)
(31) GB2501085.1 **(32)** 25.01.25 **(33)** GB
19/036,546 24.01.25 US
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(74) Alan Donald Pulman

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(11) AU-A-2025208553
(21) 2025208553 **(22)** 28.07.2025
(54) METHOD FOR ISOLATING NUCLEIC ACIDS FROM PLANT SAMPLES
(51) Int. Cl.
C12N 15/09 (2006.01)
(43) 14.08.2025
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(72) O'NEIL, Dominic; SMITH, Patrick
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) RADEXEL INC.
(11) AU-A-2025208557
(21) 2025208557 **(22)** 28.07.2025
(54) ELECTRON BEAM OUTPUT DEVICE FOR MEDICAL USE
(51) Int. Cl.
A61N 5/10 (2006.01)
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(62) 2024204339
(72) JUNG, Nuri Hyun; LEE, Minsik; BAHNG, Jungbae
(74) LAMINAR IP PTY LTD

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(21) 2025208476 **(22)** 24.07.2025
(54) Transcatheter Growth Devices And Methods For Norwood, Glenn and Fontan Therapy
(51) Int. Cl.
A61F 2/07 (2013.01)
A61F 2/848 (2013.01)
A61F 2/915 (2013.01)
A61F 2/82 (2013.01)
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(72) MARSHALL, Corey; ABBOTT, Eason; ARMER, Dustin; ROY, Jordan; ZAHN, Evan; MAHMOUDI, Rani
(74) Pearce IP Pty Ltd

(71) Research Institute at Nationwide Children's Hospital
(11) AU-A-2025208472

(21) 2025208472 **(22)** 24.07.2025
(54) Adeno-Associated Virus Vector Delivery Of Micro-Dystrophin To Treat Muscular Dystrophy
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
A61P 21/00 (2006.01)
C07K 14/47 (2006.01)
(43) 14.08.2025
(62) 2023201093
(72) Rodino-Klapac, Louise; Mendell, Jerry R.
(74) WRAYS PTY LTD

(71) Research Institute at Nationwide Children's Hospital
(11) AU-A-2025208543
(21) 2025208543 **(22)** 28.07.2025
(54) COMPOSITIONS AND METHODS FOR MEDIATING EPS
(51) Int. Cl.
A61K 31/16 (2006.01)
A61K 31/132 (2006.01)
A61K 31/165 (2006.01)
A61K 31/40 (2006.01)
A61K 31/404 (2006.01)
A61K 31/407 (2006.01)
A61K 31/43 (2006.01)
A61K 31/496 (2006.01)
A61K 31/505 (2006.01)
A61K 31/65 (2006.01)
(43) 14.08.2025
(62) 2019291944
(72) GOODMAN, Steven David; BAKALETZ, Lauren Opremcak
(74) HENRY HUGHES IP LTD

(71) Revivicor, Inc.
(11) AU-A-2025208575
(21) 2025208575 **(22)** 29.07.2025
(54) Multi-transgenic pig for xenotransplantation
(51) Int. Cl.
C12N 5/10 (2006.01)
A01K 67/027 (2024.01)
A01N 1/02 (2006.01)
C12N 5/16 (2006.01)
C12N 15/85 (2006.01)
C12N 15/867 (2006.01)
C12N 15/877 (2010.01)
C12N 15/90 (2006.01)
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(62) 2022268274
(72) AYARES, David L.; PHELPS, Carol
(74) FPA Patent Attorneys Pty Ltd

(71) ROIVOS LIMITED
(11) AU-A-2025208530
(21) 2025208530 **(22)** 25.07.2025
(54) Percutaneous urinary catheter
(51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/04 (2006.01)
A61M 27/00 (2006.01)

(43) 14.08.2025
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(72) ERBEY II, John R.; TUCKER, Bryan J.; UPPERCO, Jacob L.
(74) Oxygene IP

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(21) 2024264591 **(22)** 13.11.2024
(54) A rope door curtain using a unique and original method of securing ropes into a cross member.
(51) Int. Cl.
E06B 9/52 (2006.01)
E06B 3/06 (2006.01)
E06B 3/80 (2006.01)
E06B 9/262 (2006.01)
E06B 9/36 (2006.01)
(31) 2024900182 **(32)** 25.01.24 **(33)** AU
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(72) Habib, Charley
(74) Rope Doors

(71) Schneider Electric (Australia) Pty Limited
(11) AU-A-2025208512
(21) 2025208512 **(22)** 25.07.2025
(54) SWITCH ASSEMBLY, SYSTEM AND METHOD
(51) Int. Cl.
H01H 23/00 (2006.01)
(43) 14.08.2025
(62) 2023241304
(72) Shan , Fuhua
(74) Madderns Pty Ltd

(71) SEKISUI HOUSE, LTD.
(11) AU-A-2024347765
(21) 2024347765 **(22)** 25.09.2024
(54) INDOOR GREEN SUGGESTING SYSTEM
(51) Int. Cl.
G06Q 10/04 (2023.01)
A61B 5/024 (2006.01)
G06Q 50/10 (2012.01)
(31) 2024-010711 **(32)** 29.01.24 **(33)** JP
(43) 14.08.2025
(72) HOMMA Yosuke; KONDO Masayuki
(74) Spruson & Ferguson

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(11) AU-A-2025208492
(21) 2025208492 **(22)** 24.07.2025
(54) Methods and compositions for Peronospora resistance in spinach
(51) Int. Cl.
A01H 6/02 (2018.01)
A01H 1/00 (2006.01)
A01H 1/02 (2006.01)
A01H 1/04 (2006.01)
A01H 5/10 (2018.01)
A01H 5/12 (2018.01)
C12N 15/82 (2006.01)
C12Q 1/6895 (2018.01)

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 (74) Davies Collison Cave Pty Ltd

(71) Société des Produits Nestlé S.A.
 (11) AU-A-2025208481
 (21) 2025208481 (22) 24.07.2025
 (54) Compositions and methods using at least one glycine or derivative thereof, at least one N-acetylcysteine or derivative thereof, and at least one nicotinamide riboside or NAD⁺ precursor
 (51) Int. Cl.
A23L 33/175 (2016.01)
A23L 33/18 (2016.01)
A61K 31/198 (2006.01)
A61K 31/405 (2006.01)
A61K 38/04 (2006.01)
 (43) 14.08.2025
 (62) 2019346007
 (72) GUT, Philipp; BLUM-SPERISEN, Stéphanie; LIZZO, Giulia
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(71) Solo Brands, LLC
 (11) AU-A-2025208496
 (21) 2025208496 (22) 24.07.2025
 (54) Combustible fuel burning fire pit with removable fire grate and ash pan
 (51) Int. Cl.
F24B 1/191 (2006.01)
A47J 37/07 (2006.01)
F24B 1/193 (2006.01)
F24B 13/00 (2006.01)
F24B 13/02 (2006.01)
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 (21) 2025208521 (22) 25.07.2025
 (54) A golf training apparatus
 (51) Int. Cl.
A63B 69/36 (2006.01)
A63B 71/06 (2006.01)
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(71) State Asphalts NSW Pty Ltd
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 (51) Int. Cl.
C08L 95/00 (2006.01)
B29B 17/00 (2006.01)
B29B 17/04 (2006.01)
E01C 7/20 (2006.01)

B29L 31/00 (2006.01)
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 (72) KYPREOS, John Emmanuel; NG, James Jeremy Kien Chung
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(71) Sterlite Technologies Limited
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 (21) 2024278528 (22) 17.12.2024
 (54) OPTICAL FIBER CABLE HAULING SYSTEM
 (51) Int. Cl.
G02B 6/54 (2006.01)
 (31) 202411005114 (32) 25.01.24 (33) IN
 (43) 14.08.2025
 (72) Joshi, Nitin; Gopi, Ajayakumar
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(71) TAISHO SKY BUILDING, INC.
 (11) AU-A-2025208487
 (21) 2025208487 (22) 24.07.2025
 (54) MANAGEMENT SYSTEM FOR UNMANNED MOBILE STORE
 (51) Int. Cl.
G06Q 10/02 (2012.01)
G06Q 30/06 (2023.01)
 (43) 14.08.2025
 (62) 2021427824
 (72) ISHIDA, Kazuharu
 (74) Davies Collison Cave Pty Ltd

(71) Techtronic Cordless GP
 (11) AU-A-2025200523
 (21) 2025200523 (22) 24.01.2025
 (54) Current collector with embossed bumps
 (51) Int. Cl.
H01M 50/538 (2021.01)
H01M 50/536 (2021.01)
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 (43) 14.08.2025
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 (11) AU-A-2025200493
 (21) 2025200493 (22) 24.01.2025
 (54) Device installation system, related tools, and methods
 (51) Int. Cl.
G06K 7/00 (2006.01)
G05B 19/18 (2006.01)
G05B 19/409 (2006.01)
 (31) 18/425,053 (32) 29.01.24 (33) US
 (43) 14.08.2025
 (72) KEHL, Ladislaus; SCHOEPF, Thomas; MAHER, Kathryn Marie; RIBEIRO, Daniel Ferreira
 (74) Griffith Hack

(71) Teletech Instruments Pty Ltd
 (11) AU-A-2025208489
 (21) 2025208489 (22) 24.07.2025
 (54) Conductor test equipment
 (51) Int. Cl.
G01R 31/00 (2006.01)

H02H 7/26 (2006.01)
H04B 3/46 (2015.01)
 (43) 14.08.2025
 (62) 2019301576
 (72) BASELL, Malcolm Charles; GALLAGHER, Sean Anthony
 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2024200459
 (21) 2024200459 (22) 25.01.2024
 (54) TenderX is a cooking apparatus to tenderizing meat by holding it in place while cooking
 (51) Int. Cl.
A47J 43/18 (2006.01)
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 (72) Hamill, Glenn
 (74) TenderX

(71) Terex GB Limited
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 (21) 2025200304 (22) 16.01.2025
 (54) MATERIAL PROCESSING DEVICE WITH VARIABLE OPERATING MECHANISM
 (51) Int. Cl.
B02C 1/04 (2006.01)
 (31) 2401088.6 (32) 26.01.24 (33) GB
 (43) 14.08.2025
 (72) Dunn, Gordon
 (74) Madderns Pty Ltd

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
 (11) AU-A-2025206428
 (21) 2025206428 (22) 23.07.2025
 (54) CRISPR/CAS-ADENINE DEAMINASE BASED COMPOSITIONS, SYSTEMS, AND METHODS FOR TARGETED NUCLEIC ACID EDITING
 (51) Int. Cl.
A61K 48/00 (2006.01)
C07H 21/04 (2006.01)
C12N 15/00 (2006.01)
C12N 15/82 (2006.01)
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 (62) 2018290843
 (72) Zhang, Feng; Gootenberg, Jonathan; Cox, David Benjamin Turitz; Abudayyeh, Omar; Kannan, Soumya
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Theion GmbH
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 (21) 2025200335 (22) 16.01.2025
 (54) Monolithic wafer-like cathode synergically grown from poly-crystalline and amorphous glass-like domains and method of producing thereof
 (51) Int. Cl.
H01M 4/139 (2010.01)
H01M 4/04 (2006.01)
H01M 4/13 (2010.01)
H01M 4/38 (2006.01)
H01M 10/052 (2010.01)

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(71) The Jackson Laboratory
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(54) Determining visual frailty index using
machine learning models
(51) Int. Cl.
A61B 5/11 (2006.01)
G01P 3/56 (2006.01)
G06Q 10/10 (2023.01)
G06Q 40/08 (2012.01)
G06Q 50/22 (2024.01)
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(62) 2022275366
(72) KUMAR, Vivek; HESSION, Leinani;
SABNIS, Gautam; CHURCHILL, Gary
(74) Spruson & Ferguson

(71) The Scripps Research Institute
(11) AU-A-2025208501
(21) 2025208501 (22) 24.07.2025
(54) Unnatural base pair compositions and
methods of use
(51) Int. Cl.
C12N 15/67 (2006.01)
C07H 21/04 (2006.01)
C07K 14/34 (2006.01)
C12N 1/20 (2006.01)
C12N 1/21 (2006.01)
(43) 14.08.2025
(62) 2018395054
(72) ROMESBERG, Floyd E.; LEDBETTER,
Michael P.; KARADEEMA, Rebekah J.
(74) Griffith Hack

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ted by the Secretary, Department of Health
and Human Services see KITE PHARMA,
INC.
(21) 2025208570

(71) The University of Sheffield; Aclipse One
Inc.
(11) AU-A-2025208505
(21) 2025208505 (22) 25.07.2025
(54) Treatment of neurological diseases
(51) Int. Cl.
A61K 31/337 (2006.01)
A61K 31/4188 (2006.01)
A61K 31/495 (2006.01)
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FERRAIUOLO, Laura
(74) LAMINAR IP PTY LTD

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(54) FLOW-THROUGH SORTING DEVICE

(51) Int. Cl.
B07B 11/06 (2006.01)
B07B 11/02 (2006.01)
B65G 53/18 (2006.01)
(31) 202410105300X (32) 25.01.24 (33) CN
(43) 14.08.2025
(72) Li, Taiyou; Liang, Xingguo; Liu, Chun;
Wang, Tianwei
(74) James & Wells Intellectual Property

(71) Translate Bio, Inc.
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(54) IMPROVED PROCESS OF PREPAR-
ING MRNA-LOADED LIPID NANO-
PARTICLES
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/127 (2006.01)
A61K 9/16 (2006.01)
A61K 38/00 (2006.01)
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(62) 2020274758
(72) KARVE, Shrirang; DEROSA, Frank;
HEARTLEIN, Michael; SARODE,
Ashish; PATEL, Zarna; BALL, Rebecca
L.; MONTROYA, Natalia Vargas; PATEL,
Priyal; KHANMOHAMMED, Asad
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neys Pty Ltd

(71) Tru-Turf Pty Ltd
(11) AU-A-2025200633
(21) 2025200633 (22) 30.01.2025
(54) Coupling Device
(51) Int. Cl.
B60D 1/36 (2006.01)
B60D 1/07 (2006.01)
B60D 1/52 (2006.01)
B60D 1/58 (2006.01)
B60D 1/66 (2006.01)
B62J 6/165 (2020.01)
A01B 29/02 (2006.01)
A01G 20/35 (2018.01)
(31) 2024900211 (32) 30.01.24 (33) AU
(43) 14.08.2025
(72) Bullard, Scott; Peacock, Stephen
(74) Allens Patent & Trade Mark Attorneys

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Connectivity Solutions GmbH
(21) 2025200493

(71) Ulrich GmbH & Co. KG
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(54) Quick-Release Screw Connection
(51) Int. Cl.
F16B 37/08 (2006.01)
(31) 10 2024 102 585.9 (32) 30.01.24 (33) DE
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(72) Midderhoff, Stefan; Schröter, Martin;
Spleiss, Albert; Rothar, Jan-Niklas
(74) MBIP

(71) Underwood Companies Holdings Pty
Ltd
(11) AU-A-2025208564
(21) 2025208564 (22) 28.07.2025
(54) Composite panels
(51) Int. Cl.
E04G 9/05 (2006.01)
B29C 70/68 (2006.01)
B32B 3/04 (2006.01)
B32B 3/12 (2006.01)
B32B 3/26 (2006.01)
B32B 15/02 (2006.01)
B32B 15/085 (2006.01)
B32B 15/18 (2006.01)
B32B 27/32 (2006.01)
B32B 37/06 (2006.01)
B32B 37/14 (2006.01)
B32B 37/18 (2006.01)
E04C 2/00 (2006.01)
E04C 2/20 (2006.01)
E04C 2/22 (2006.01)
E04C 2/42 (2006.01)
E04G 9/08 (2006.01)
E04G 9/10 (2006.01)
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(62) 2019232946
(72) Underwood, Daniel Charles
(74) Intellectro Patent & Trade Mark Attor-
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(54) AUTOMATED VEHICLE
(51) Int. Cl.
G05D 1/00 (2024.01)
A01D 46/30 (2006.01)
B25J 5/00 (2006.01)
B25J 9/16 (2006.01)
G05B 19/42 (2006.01)
G05D 1/243 (2024.01)
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(62) 2024205011
(72) STERLING, Jeffrey James; MCKERCH-
ER, Rhys Andrew; CASSELL, Timothy
(74) JMSP IP Pty Ltd

(71) Vanda Pharmaceuticals Inc.
(11) AU-A-2025205489
(21) 2025205489 (22) 15.07.2025
(54) LIQUID TASIMELTEON FORMU-
LATIONS AND METHODS OF USE
THEREOF
(51) Int. Cl.
A61K 31/343 (2006.01)
A61K 9/10 (2006.01)
A61K 47/12 (2006.01)
A61K 47/14 (2017.01)
A61K 47/26 (2006.01)
A61K 47/32 (2006.01)
A61K 47/36 (2006.01)
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POULOS, Mihael
(74) RnB IP

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(11) AU-A-2025208532

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(51) Int. Cl.

B28B 7/36 (2006.01)
B28B 11/24 (2006.01)
B28B 21/02 (2006.01)
B28B 23/18 (2006.01)

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(72) HUME, Tamas Dale
(74) Madderns Pty Ltd

(71) Victaulic Company
(11) AU-A-2025208513
(21) 2025208513 (22) 25.07.2025
(54) Roller set and pipe elements
(51) Int. Cl.
B21D 17/04 (2006.01)
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(62) 2023204115
(72) DOLE, Douglas R.
(74) Spruson & Ferguson

(71) Victaulic Company
(11) AU-A-2025208525
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(54) Fitting and gasket
(51) Int. Cl.
A62C 31/28 (2006.01)
A62C 35/68 (2006.01)
B05B 15/65 (2018.01)
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(72) BARBOUR, Nicholas; MADARA, Scott D.; BOWMAN, Matthew A.
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(71) Volvo Autonomous Solutions AB
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(54) An arrangement for mounting an emergency braking system to a vehicle
(51) Int. Cl.
B60T 17/18 (2006.01)
B60T 7/02 (2006.01)
B60T 15/02 (2006.01)
B60T 17/16 (2006.01)
(31) 24154709.0 (32) 30.01.24 (33) EP
(43) 14.08.2025
(72) KUMAR, Vinaya; KANKE, Ferdinand
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Watts, M. see Watts, A.
(21) 2025200672

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(11) AU-A-2025200672
(21) 2025200672 (22) 31.01.2025
(54) Supplement Compositions and Uses Thereof
(51) Int. Cl.
A61K 31/4188 (2006.01)
A23K 20/105 (2016.01)
A23K 20/121 (2016.01)
A23K 20/142 (2016.01)
A23K 20/158 (2016.01)

A23K 20/174 (2016.01)
A23K 20/20 (2016.01)
A23K 20/24 (2016.01)
A23K 20/28 (2016.01)
A23K 50/20 (2016.01)
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A61K 31/7008 (2006.01)
A61K 31/714 (2006.01)
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A61P 43/00 (2006.01)

(31) 2024900219 (32) 31.01.24 (33) AU
(43) 14.08.2025
(72) Watts, Andrew; Watts, Melissa
(74) Davies Collision Cave Pty Ltd

(71) Weatherford Technology Holdings, LLC
(11) AU-A-2025208531
(21) 2025208531 (22) 25.07.2025
(54) A Bottom Hole Assembly
(51) Int. Cl.
E21B 23/08 (2006.01)
E21B 7/06 (2006.01)
(43) 14.08.2025
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(72) PRAY, Jeffery Scott; SMALLEY, Michael; KORF, Joshua Matthew
(74) WRAYS PTY LTD

Welch, D.F. see Wu, K.
(21) 2025209485

(71) Wu, K.; Hand, S.J.; Welch, D.F.; Rahn, J.T.
(11) AU-A-2025209485
(21) 2025209485 (22) 29.07.2025
(54) OUT-OF-BAND COMMUNICATION CHANNEL FOR SUB-CARRIER-BASED OPTICAL COMMUNICATION SYSTEMS
(51) Int. Cl.
H04B 10/40 (2013.01)
H04B 10/548 (2013.01)
H04B 10/61 (2013.01)
(43) 14.08.2025
(62) 2020231324
(72) Wu, Kuang-Tsan; Hand, Steven J.; Welch, David F.; Rahn, Jeffrey T.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ZTE Corporation
(11) AU-A-2025208471
(21) 2025208471 (22) 24.07.2025
(54) Methods and devices for time-frequency resource configuration
(51) Int. Cl.
H04W 72/04 (2023.01)
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(74) Spruson & Ferguson

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2024200503	Edwards, B.	2025206406	Alnylam Pharmaceuticals, Inc.
2024200527	Caterpillar Inc.	2025206408	JUNO THERAPEUTICS, INC.
2024200583	State Asphalts NSW Pty Ltd	2025206426	Omnifi Inc.
2024201081	Halliburton Energy Services, Inc.	2025206428	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College
2024203248	Kuo, J.K.		
2024208816	Panduit Corp.	2025208421	Amylyx Pharmaceuticals, Inc.
2024213137	Tianjin Meiteng Technology Co., Ltd.	2025208433	Bioverativ Therapeutics Inc.
2024219667	EVE Hydrogen Energy Co., LTD.	2025208451	Daiichi Sankyo Company, Limited
2024219721	EVE Hydrogen Energy Co., LTD.	2025208455	Momenta Pharmaceuticals, Inc.
2024220012	Lycopodium Minerals Pty Ltd	2025208458	DePuy Synthes Products, Inc.
2024227335	MFTB Holdco, Inc.	2025208459	AgJunction LLC
2024227341	MFTB Holdco, Inc.	2025208460	Afimmune Limited
2024227575	EVE Hydrogen Energy Co., LTD.	2025208461	Ascendis Pharma Growth Disorders A/S
2024227791	INSTITUTE OF SCIENCE TOKYO; JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED	2025208463	Envoy Medical Corporation
		2025208464	MAKO Surgical Corp.
2024264591	Rope Doors	2025208469	MAKO Surgical Corp.
2024264735	Longi Green Energy Technology Co., Ltd.	2025208470	AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
2024266978	Ulrich GmbH & Co. KG	2025208471	ZTE Corporation
2024278370	Prysmian S.p.A.	2025208472	Research Institute at Nationwide Children's Hospital
2024278389	LEPRO INNOVATION HOLDING LIMITED	2025208473	Implantica Patent Ltd
2024278401	Volvo Autonomous Solutions AB	2025208474	Universal Field Robots Pty Ltd.
2024278528	Sterlite Technologies Limited	2025208475	CATOI, P.
2024287141	Deere & Company	2025208476	RENATA MEDICAL, INC.
2024287145	Deere & Company	2025208477	Mars, Incorporated
2024287155	Deere & Company	2025208480	Celosia Therapeutics Pty Ltd
2024287235	LiDARist Company Limited	2025208481	Société des Produits Nestlé S.A.
2024335458	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2025208487	TAISHO SKY BUILDING, INC.
2024347763	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2025208488	ICU Medical, Inc.
2024347765	SEKISUI HOUSE, LTD.	2025208489	Teletech Instruments Pty Ltd
2024357303	BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.	2025208491	Alnylam Pharmaceuticals, Inc.
		2025208492	Seminis Vegetable Seeds, Inc.
2024409601	CHONGQING CHANGAN AUTOMOBILE CO., LTD.	2025208493	MAKO Surgical Corp.
2024416009	CHONGQING CHANGAN AUTOMOBILE CO., LTD.	2025208496	Solo Brands, LLC
2024417777	CHONGQING CHANGAN AUTOMOBILE CO., LTD.	2025208501	The Scripps Research Institute
2024417779	CHONGQING CHANGAN AUTOMOBILE CO., LTD.	2025208505	The University of Sheffield; Acclipse One Inc.
2024417780	CHONGQING CHANGAN AUTOMOBILE CO., LTD.	2025208511	Merus N.V.
2024417781	CHONGQING CHANGAN AUTOMOBILE CO., LTD.	2025208512	Schneider Electric (Australia) Pty Limited
2025200270	PACCAR Inc	2025208513	Victaulic Company
2025200284	Music & Lights S.r.l.	2025208514	Angel Group Co., Ltd.
2025200300	PROGRESS RAIL LOCOMOTIVE INC.	2025208517	DIGITAL SURGERY SYSTEMS, INC.
2025200304	Terex GB Limited	2025208521	SpineLine Golf Pty Ltd
2025200335	Theion GmbH	2025208522	The Jackson Laboratory
2025200399	Mako Surgical Corp.	2025208525	Victaulic Company
2025200435	Nordex Energy Spain S.A.U.; Nordex Energy SE & Co. KG	2025208526	PFIZER IRELAND PHARMACEUTICALS
		2025208527	Edwards Lifesciences Corporation
2025200451	BMT Limited	2025208528	Huawei Technologies Co., Ltd.
2025200453	POMA	2025208530	ROIVIOS LIMITED
2025200454	CATERPILLAR INC.	2025208531	Weatherford Technology Holdings, LLC
2025200455	CATERPILLAR INC.	2025208532	Vertech Hume Pty Ltd
2025200493	TE Connectivity Solutions GmbH; Tyco Electronics Raychem GmbH	2025208543	Research Institute at Nationwide Children's Hospital
		2025208544	CFPH, LLC
2025200523	Techtronic Cordless GP	2025208546	Checkmate Pharmaceuticals
2025200528	Ingram Micro Inc.	2025208547	CFPH, LLC
2025200561	Pulman, A.	2025208548	Croc Hinge Pty Ltd
2025200572	CGG Services SAS	2025208550	Translate Bio, Inc.
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2025200624	Deere & Company	2025208552	Atom Computing Inc.
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2025203020	Holcim (Australia) Pty Ltd	2025208558	LG Electronics Inc.
2025203250	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2025208562	Lilac Therapeutics, Inc.
2025204193	Agribody Technologies, Inc.	2025208564	Underwood Companies Holdings Pty Ltd
2025204821	Novo Nordisk A/S	2025208570	KITE PHARMA, INC.; The United States of America, as represented by the Secretary, Department of Health and Human Services
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2025205489	Vanda Pharmaceuticals Inc.		

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2025208578	Alcresta Therapeutics, Inc.
2025209485	Wu, K.; Hand, S.J.; Welch, D.F.; Rahn, J.T.
2025210745	Angel Group Co., Ltd.
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- . (*) Title not in Roman characters
- . (**) Title not given

(71) 10BEAUTY, INC. (11) AU-A-2024214876 (21) 2024214876 (22) 01.02.2024 (54) AUTOMATED NAIL SERVICE SYSTEM (51) Int. Cl. A45D 29/14 (2006.01) A45D 29/00 (2006.01) A45D 29/05 (2006.01) A45D 29/11 (2006.01) A45D 34/04 (2006.01) A45D 29/18 (2006.01) B28B 1/02 (2006.01) B41J 3/407 (2006.01) (87) WO2024/163816 (31) 63/442,559 (32) 01.02.23 (33) US (43) 08.08.2024 (72) APTE, Renuka, Ajay; FELDSTEIN, Aaron, James; SUNDEN, Erik, Oscar; MASTERSON, Christopher, Sean (74) Spruson & Ferguson	(54) SYSTEMS, DEVICES, AND METHODS FOR ANALYTE MONITORING (51) Int. Cl. A61B 5/145 (2006.01) B23K 26/57 (2014.01) (87) WO2024/159012 (31) 63/481,433 (32) 25.01.23 (33) US (43) 02.08.2024 (72) ROBINSON, Peter, G.; SMITH, Timothy, F. (74) FPA Patent Attorneys Pty Ltd	(31) 63/482,841 (32) 02.02.23 (33) US (43) 08.08.2024 (72) NOTANEY, Ashok Kumar; STEVENSON, Todd; MERCIER, JR., Larry Allen; COLLIER, James Anthony; WHALEN, Andrew; CURTIS, Kayla (74) AJ PARK
(71) 1HEALTH GUT INN BALANCE APS (11) AU-A-2023420186 (21) 2023420186 (22) 21.12.2023 (54) AN APPARATUS, KIT AND METHOD FOR MIXING, FILTERING, AND DOSING OF A BIOLOGICAL MATERIAL (51) Int. Cl. A61B 10/00 (2006.01) (87) WO2024/141422 (31) PA2022201227 (32) 28.12.22 (33) DK (43) 04.07.2024 (72) LAURIDSEN, Hengameh Chloé (74) Catalyst Intellectual Property	(71) ABB SCHWEIZ AG (11) AU-A-2023430518 (21) 2023430518 (22) 15.02.2023 (54) METHOD OF DETERMINING A ROAD SURFACE CONDITION, ROAD, SURFACE CONDITION MONITORING SYSTEM, FOR MONITORING AN INDUSTRIAL SITE, AND COMPUTER PROGRAM PRODUCT (51) Int. Cl. B60L 50/53 (2019.01) B60W 40/064 (2012.01) B60W 40/068 (2012.01) (87) WO2024/170076 (43) 22.08.2024 (72) ASTRAND, Max; LINDKVIST, Rickard (74) Griffith Hack	(71) ADAMA MAKHTESHIM LTD. (11) AU-A-2024212630 (21) 2024212630 (22) 24.01.2024 (54) AQUEOUS COMPOSITIONS OF DIAFENTHIURON (51) Int. Cl. A01N 47/30 (2006.01) A01P 7/00 (2006.01) (87) WO2024/157254 (31) 63/440,701 (32) 24.01.23 (33) US (43) 02.08.2024 (72) DAHAN, Yogev; FRIEDMAN, Jacob (74) Davies Collison Cave Pty Ltd
(71) 7912854 CANADA INC. (11) AU-A-2024216722 (21) 2024216722 (22) 06.02.2024 (54) METHOD FOR MANUFACTURING AN OPTIMAL TORSION SPRING, METHOD FOR ASSEMBLING A SPRING-ASSISTED ROLLER BLIND MECHANISM AND CORRESPONDING SPRING-ASSISTED ROLLER BLIND MECHANISM (51) Int. Cl. E06B 9/42 (2006.01) E06B 9/56 (2006.01) E06B 9/60 (2006.01) (87) WO2024/164072 (31) 63/484,035 (32) 09.02.23 (33) US (43) 15.08.2024 (72) ARCHAMBAULT, Augustin; FRANCOEUR, Alain; PARKER, Danny (74) Spruson & Ferguson	(71) ABIOMED EUROPE GMBH (11) AU-A-2024221977 (21) 2024221977 (22) 13.02.2024 (54) BLOOD PUMP AND METHOD OF MANUFACTURING A BLOOD PUMP HOUSING (51) Int. Cl. A61M 60/242 (2021.01) A61M 60/13 (2021.01) A61M 60/165 (2021.01) A61M 60/81 (2021.01) A61M 60/824 (2021.01) (87) WO2024/170523 (31) 23156892.4 (32) 15.02.23 (33) EP (43) 22.08.2024 (72) KIRCHHOFF, Frank; CARELL, Werner (74) Davies Collison Cave Pty Ltd	(71) ADAMED PHARMA S.A. (11) AU-A-2024228473 (21) 2024228473 (22) 22.02.2024 (54) PHARMACEUTICAL COMPOSITION COMPRISING CYTISINE (51) Int. Cl. A61K 31/439 (2006.01) A61K 9/08 (2006.01) A61K 47/02 (2006.01) A61P 25/34 (2006.01) (87) WO2024/179922 (31) 23158767.6 (32) 27.02.23 (33) EP (43) 06.09.2024 (72) LYSIAK, Magdalena; ZARZYCKA, Mariola; RZASA, Joanna (74) Spruson & Ferguson
(71) ABBOTT DIABETES CARE INC. (11) AU-A-2024212125 (21) 2024212125 (22) 25.01.2024	(71) ABSTRACT ICE, INC. (11) AU-A-2024215251 (21) 2024215251 (22) 02.02.2024 (54) DEVICES FOR SHAPING CLEAR ICE PRODUCTS AND RELATED METHODS (51) Int. Cl. F25C 1/10 (2006.01) B29C 33/26 (2006.01) F25C 5/08 (2006.01) F25C 1/25 (2018.01) F25C 5/14 (2006.01) (87) WO2024/163881	(71) AEROFOILS GMBH (11) AU-A-2024209618 (21) 2024209618 (22) 19.01.2024

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B63B 32/10 (2020.01)
B63B 32/60 (2020.01)
B63H 21/21 (2006.01)
(87) WO2024/153819
(31) 10 2023 101 484.6 (32) 20.01.23 (33) DE
(43) 25.07.2024
(72) HOFMANN, Franz; RAUSCH, Thomas;
HAAG, Christian; RÖSSLER, Christian
(74) FPA Patent Attorneys Pty Ltd

(71) AKER SOLUTIONS SUBSEA AS
(11) AU-A-2024214860
(21) 2024214860 (22) 29.01.2024
(54) WELLBORE INSTALLATION APPARATUS AND METHOD OF LOWER AN APPARATUS TO SEABED
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(31) 2301270.1 (32) 30.01.23 (33) GB
(43) 08.08.2024
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(74) Griffith Hack

(71) ALADDIN MANUFACTURING CORPORATION
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(54) CONFIGURED DEPTH CAPILLARY SPINNERET PLATE AND FILAMENTS FORMED THEREFROM
(51) Int. Cl.
D01D 5/38 (2006.01)
D01D 5/253 (2006.01)
D01D 5/088 (2006.01)
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(51) Int. Cl.
A61K 9/20 (2006.01)
A61K 38/27 (2006.01)
A61K 47/36 (2006.01)
A61P 5/48 (2006.01)
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(74) Madderns Pty Ltd

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(72) SHIGETA Yasushi
(74) RnB IP Pty Ltd

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(21) 2024217983 (22) 07.02.2024
(54) A NICKEL-FREE PLATINUM ALLOY COMPOSITION
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C22C 5/04 (2006.01)
A44C 27/00 (2006.01)
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(31) 2301918.5 (32) 10.02.23 (33) GB
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(74) Catalyst Intellectual Property

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A61K 31/395 (2006.01)
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(74) WRAYS PTY LTD

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(54) A PHARMACEUTICAL COMPOSITION OF GLP AGONIST FOR ORAL ADMINISTRATION
(51) Int. Cl.
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A61K 8/97 (2017.01)
C07K 14/605 (2006.01)
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(74) Spruson & Ferguson

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(51) Int. Cl.
A61K 38/26 (2006.01)
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(54) CRYSTALLINE FORMS OF ACALABRUTINIB MALEATE
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 9/20 (2006.01)
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RAHEEM, Mohammed Abdul; ZHAO,
Yajun
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DEVICE CONTROLLED USING A
PAIRED ELECTRONIC DEVICE
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G02B 27/01 (2006.01)
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Thomas, M
(74) FPA Patent Attorneys Pty Ltd
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C12N 15/113 (2010.01)
A61P 25/28 (2006.01)
C12N 9/22 (2006.01)
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ENVELOPE THEREOF
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H02S 20/26 (2014.01)
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A61P 35/00 (2006.01)
A61K 31/4375 (2006.01)
C07D 519/00 (2006.01)
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C12M 3/00 (2006.01)
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A61K 31/7028 (2006.01)
C07H 15/10 (2006.01)
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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 25/28 (2006.01)
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TANABE PHARMA CORPORATION
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COMPOUNDS
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C07D 213/80 (2006.01)
A61K 31/502 (2006.01)
A61K 31/5025 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
C07C 65/40 (2006.01)
C07D 237/32 (2006.01)
C07D 237/34 (2006.01)
C07D 309/12 (2006.01)
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A61K 36/752 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/191 (2006.01)
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(74) mdp Patent and Trade Mark Attorneys
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(51) Int. Cl.
H04L 9/32 (2006.01)
G06K 19/06 (2006.01)
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H04L 9/08 (2006.01)
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C12N 1/21 (2006.01)
A61K 35/74 (2015.01)
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C12N 15/52 (2006.01)
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B62D 55/04 (2006.01)
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A01N 43/58 (2006.01)
A01P 7/04 (2006.01)
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A61M 15/00 (2006.01)
F16K 15/00 (2006.01)
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(54) HANDLING ROBOT AND AUTOMATIC WAREHOUSE
(51) Int. Cl.
B66F 7/06 (2006.01)
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(74) Griffith Hack
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(54) DATA PROCESSING METHOD AND APPARATUS FOR CLEANING DEVICE, AND STORAGE MEDIUM AND CLEANING DEVICE
(51) Int. Cl.
A47L 11/24 (2006.01)
(87) WO2024/140550
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(43) 04.07.2024
(72) XIAO, Fujian; HOU, Zhengtao; PAN, Yafeng
(74) Allens Patent & Trade Mark Attorneys
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A47L 11/40 (2006.01)
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(54) TRAVEL PATH PLANNING METHOD AND APPARATUS, SELF-MOVING ROBOT, AND STORAGE MEDIUM
(51) Int. Cl.
G05D 1/43 (2024.01)
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(72) ZHANG, Lei
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C10L 11/04 (2006.01)
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A61K 39/00 (2006.01)
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F24D 3/14 (2006.01)
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H04W 28/06 (2009.01)
H04W 72/0446 (2023.01)
H04W 72/566 (2023.01)
H04W 84/12 (2009.01)
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C07D 401/04 (2006.01)
A61K 31/4709 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
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B60T 17/22 (2006.01)
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B60M 5/00 (2006.01)
G08B 21/18 (2006.01)
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B60K 1/04 (2019.01)
B60S 5/06 (2019.01)
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E21C 37/00 (2006.01)
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C12N 9/12 (2006.01)
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C01F 17/224 (2020.01)
C01F 17/241 (2020.01)
C01F 17/32 (2020.01)
C04B 35/50 (2006.01)
H01M 4/04 (2006.01)
H01M 4/131 (2010.01)
H01M 4/485 (2010.01)
H01M 4/88 (2006.01)
H01M 8/1213 (2016.01)
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A61K 31/196 (2006.01)
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A61P 13/12 (2006.01)
A61P 29/00 (2006.01)
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B05D 3/04 (2006.01)
B05D 3/06 (2006.01)
B05D 5/02 (2006.01)
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B32B 21/02 (2006.01)
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B60W 10/06 (2006.01)
B60W 10/08 (2006.01)
B60W 20/00 (2016.01)
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F02D 41/04 (2006.01)
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B60L 58/12 (2019.01)
B60L 58/16 (2019.01)
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G01R 31/387 (2019.01)
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B60W 10/06 (2006.01)
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B60W 20/20 (2016.01)
B60W 40/076 (2012.01)
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(51) Int. Cl.
B60W 20/10 (2016.01)
B60W 10/06 (2006.01)
B60W 10/08 (2006.01)
B60W 30/18 (2012.01)
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D06F 39/02 (2006.01)
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C07D 215/38 (2006.01)

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A61K 31/473 (2006.01)
A61K 31/4743 (2006.01)
A61K 31/4745 (2006.01)
A61K 31/4985 (2006.01)
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A61P 35/00 (2006.01)
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C07D 221/10 (2006.01)
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C07D 498/04 (2006.01)
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C07F 9/6561 (2006.01)
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A01N 37/46 (2006.01)
A01G 7/06 (2006.01)
A01P 21/00 (2006.01)
C05C 11/00 (2006.01)
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C12N 15/86 (2006.01)
C07C 13/06 (2006.01)
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B63G 8/20 (2006.01)
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B63H 25/38 (2006.01)
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G06T 7/70 (2017.01)
G06T 3/00 (2024.01)
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C12M 1/00 (2006.01)
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G02B 1/04 (2006.01)
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A61K 31/444 (2006.01)
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A61K 31/426 (2006.01)
A61P 25/08 (2006.01)
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C08G 63/06 (2006.01)
B01L 3/00 (2006.01)
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C08G 63/08 (2006.01)
C08L 67/04 (2006.01)
G01N 33/543 (2006.01)
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G06N 20/00 (2019.01)
G06T 19/00 (2011.01)
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G16H 20/70 (2018.01)
G02B 27/00 (2006.01)
G06F 3/01 (2006.01)
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C07D 401/14 (2006.01)
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C07D 403/06 (2006.01)
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B29C 48/00 (2019.01)
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B01D 65/02 (2006.01)
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C12M 1/34 (2006.01)
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C07K 14/00 (2006.01)
C12N 9/16 (2006.01)
C12N 9/24 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/416 (2006.01)
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A61K 31/4985 (2006.01)
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A61P 1/00 (2006.01)
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A61P 17/00 (2006.01)
A61P 25/00 (2006.01)
C07D 231/56 (2006.01)
C07D 405/06 (2006.01)
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H01Q 3/30 (2006.01)
H01Q 19/10 (2006.01)
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A61J 1/20 (2006.01)
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A61M 5/178 (2006.01)
B23Q 1/44 (2006.01)
B25J 15/00 (2006.01)
B65B 3/00 (2006.01)
B65B 3/04 (2006.01)
B65B 43/56 (2006.01)
B65B 43/58 (2006.01)
B65G 47/52 (2006.01)
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(54) PORTABLE AND MANUAL CLOTHES WRINGING SYSTEM
(51) Int. Cl.
D06F 51/02 (2006.01)
D06F 35/00 (2006.01)
D06F 45/26 (2006.01)
(87) WO2024/209325
(31) 63/457,080 (32) 04.04.23 (33) US
(43) 10.10.2024
(72) KELTON, Carrie Anne; BINGHAM, Kenneth James
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(71) EVOPOINT BIOSCIENCES CO., LTD.
(11) AU-A-2024213586
(21) 2024213586 (22) 01.02.2024
(54) PHARMACEUTICAL COMPOSITION CONTAINING β -LACTAMASE INHIBITOR AND USE THEREOF
(51) Int. Cl.
A61K 31/439 (2006.01)
A61P 31/04 (2006.01)
C07D 471/08 (2006.01)
C07D 487/08 (2006.01)
(87) WO2024/160247
(31) 202310076617.0 (32) 02.02.23 (33) CN
(43) 08.08.2024
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(74) FPA Patent Attorneys Pty Ltd

(71) EYEBIO KOREA, INC.
(11) AU-A-2024228671
(21) 2024228671 (22) 07.02.2024
(54) COMPOSITION FOR TREATING DIABETIC RETINOPATHY, COMPRISING PEPTIDE
(51) Int. Cl.
A61K 38/08 (2019.01)
A61P 27/02 (2006.01)
(87) WO2024/181833
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(43) 06.09.2024
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(74) Davies Collison Cave Pty Ltd

(71) EYEMDENGINEERING LLC
(11) AU-A-2024212157
(21) 2024212157 (22) 29.01.2024
(54) OPHTHALMIC INCISIONAL PROCEDURE INSTRUMENT AND METHOD
(51) Int. Cl.
A61B 17/30 (2006.01)
A61F 9/007 (2006.01)
(87) WO2024/159218
(31) 18/102,179 (32) 27.01.23 (33) US
(43) 02.08.2024
(72) POLE, Christopher, J; SCOTT, David, D.
(74) Spruson & Ferguson

(71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2024239386
(21) 2024239386 (22) 19.03.2024
(54) METHOD FOR THE PRODUCTION OF RECOMBINANT AAV PARTICLE PREPARATIONS
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/861 (2006.01)
(87) WO2024/194280
(31) 23163162.3 (32) 21.03.23 (33) EP
(43) 26.09.2024
(72) EMMENECKER, Julia; MARKERT, Sven
(74) Griffith Hack

(71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2024258000
(21) 2024258000 (22) 16.04.2024
(54) OXAZOLO[4,5-B]PYRAZINE AND OXAZOLO[4,5-B]PYRIDINE DERIVATIVES AS NLRP3 INHIBITORS FOR THE TREATMENT OF E.G. INFLAMMATORY DISEASES
(51) Int. Cl.
C07D 498/04 (2006.01)
A61K 9/20 (2006.01)
A61K 31/4439 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
A61P 11/06 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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C07D 519/00 (2006.01)
(87) WO2024/218100
(31) 23168774.0 (32) 19.04.23 (33) EP
23207285.0 01.11.23 EP
(43) 24.10.2024
(72) BON, David; BOUCHE, Lea Aurelie; GUBA, Wolfgang; JAESCHKE, Georg; MESCH, Stefanie Katharina; PATINY-ADAM, Angélique; SCHNIDER, Christian; SHANNON, Jonathan Martin; STEINER, Sandra; TOSSTORFF, Andreas Michael
(74) Spruson & Ferguson

(71) FABRICATION ELCARGO INC.
(11) AU-A-2023436741
(21) 2023436741 (22) 13.03.2023
(54) SYSTEM FOR ALLOWING ACCESS TO A COVERED CARGO PLATFORM
(51) Int. Cl.
B62D 33/03 (2006.01)
B60P 7/04 (2006.01)
(87) WO2024/189402
(43) 19.09.2024
(72) MARTIN, Kendrick; BOUTIN, Keven
(74) JMSD IP Pty Ltd

(71) FACELLITATE GMBH
(11) AU-A-2024225071
(21) 2024225071 (22) 23.02.2024
(54) CELL ATTACHMENT POLYMER CONJUGATE
(51) Int. Cl.

C12N 5/00 (2006.01)
C08F 8/00 (2006.01)
C12M 1/00 (2006.01)
C12N 5/074 (2010.01)
(87) WO2024/175790
(31) 23158132.3 (32) 23.02.23 (33) EP
(43) 29.08.2024
(72) FERMI, Valentina; RAIC, Annamarija; PETRY, Christoph; AL MUTHAFER, Sarah; KLEINDL, Miriam
(74) Spruson & Ferguson

(71) FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC
(11) AU-A-2024217905
(21) 2024217905 (22) 07.02.2024
(54) GAS SPRING END MEMBER ASSEMBLIES AS WELL AS GAS SPRING ASSEMBLIES AND METHODS OF MANUFACTURE INCLUDING SAME
(51) Int. Cl.
F16F 9/04 (2006.01)
(87) WO2024/167984
(31) 63/483,933 (32) 08.02.23 (33) US
(43) 15.08.2024
(72) MANZOOR, Suhale; ONITA, Gabriel V.
(74) Patent Attorney Services

(71) FLAGSHIP PIONEERING INNOVATIONS VII, LLC
(11) AU-A-2024222387
(21) 2024222387 (22) 13.02.2024
(54) CLEAVABLE LINKER-CONTAINING IONIZABLE LIPIDS AND LIPID CARRIERS FOR THERAPEUTIC COMPOSITIONS
(51) Int. Cl.
C07F 9/24 (2006.01)
A61K 9/127 (2006.01)
C07C 229/16 (2006.01)
C07D 241/08 (2006.01)
C07D 265/33 (2006.01)
C07D 305/12 (2006.01)
C07D 307/33 (2006.01)
C07D 309/30 (2006.01)
C07D 319/12 (2006.01)
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(43) 22.08.2024
(72) BLAKE, Timothy, Ray; STAMOS, Dean, Peter
(74) Spruson & Ferguson

(71) FORGE GLOBAL, INC.
(11) AU-A-2024216893
(21) 2024216893 (22) 07.02.2024
(54) DISCOVERING VALUES FOR METRICS OF ENTITIES FROM NON-STANDARDIZED DATASETS
(51) Int. Cl.
G06Q 40/06 (2012.01)
G06Q 40/00 (2023.01)
G06Q 40/04 (2012.01)
(87) WO2024/168090
(31) 63/483,586 (32) 07.02.23 (33) US
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(72) COYLE, Brian; ORTIZ, Alejandro; GIOMI, Alice
(74) Spruson & Ferguson

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(71) FUJIFILM CORPORATION (11) AU-A-2024213547 (21) 2024213547 (22) 30.01.2024 (54) DRUG EVALUATION METHOD, RE-AGENT AND KIT (51) Int. Cl. C12Q 1/02 (2006.01) (87) WO2024/162286 (31) 2023-012406 (32) 31.01.23 (33) JP 2023-087432 29.05.23 JP (43) 08.08.2024 (72) WATANABE Eriko; MIYOSHI Hayato; KATO Hiroshi; MOCHIZUKI Nobuyuki; HARA Reiko (74) Griffith Hack	(71) GENENTECH, INC.; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (11) AU-A-2024213862 (21) 2024213862 (22) 30.01.2024 (54) MAGNETIC HYDROGEL PARTICLES AND METHODS OF USE (51) Int. Cl. G01N 33/543 (2006.01) B01J 13/00 (2006.01) C08F 301/00 (2006.01) (87) WO2024/163462 (31) 63/442,393 (32) 31.01.23 (33) US 63/504,190 24.05.23 US (43) 08.08.2024 (72) CHAN, Alix I.; CUNNINGHAM, Christian Nathaniel; PAEGEL, Brian; CAVETT, Valerie (74) Griffith Hack	(71) GRACO MINNESOTA INC. (11) AU-A-2024210886 (21) 2024210886 (22) 17.01.2024 (54) SPRAY TIP, SPRAY TIP ASSEMBLY, METHOD OF FLOWING SPRAY FLUID, METHOD FOR MAKING A ROTATABLE SPRAY TIP (51) Int. Cl. B05B 15/534 (2018.01) B05B 1/04 (2006.01) B05B 1/30 (2006.01) B05B 12/00 (2018.01) B05B 15/65 (2018.01) (87) WO2024/155682 (31) 63/439,787 (32) 18.01.23 (33) US (43) 25.07.2024 (72) THOMPSON, David, J. (74) Spruson & Ferguson
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(71) FUJITSU GENERAL LIMITED (11) AU-A-2024247187 (21) 2024247187 (22) 27.03.2024 (54) ELECTRICAL COMPONENT MODULE AND OUTDOOR UNIT (51) Int. Cl. F24F 1/22 (2011.01) H05K 1/14 (2006.01) (87) WO2024/204410 (31) 2023-056517 (32) 30.03.23 (33) JP (43) 03.10.2024 (72) ASANO, Shin (74) Spruson & Ferguson	(71) GLYCOERA AG (11) AU-A-2024206743 (21) 2024206743 (22) 05.01.2024 (54) GLYCOENGINEERED POLYPEPTIDES TARGETING ANTI-NEUTROPHIL AUTOANTIBODIES AND USES THEREOF (51) Int. Cl. A61K 38/44 (2006.01) A61K 38/48 (2006.01) C12N 9/08 (2006.01) C12N 9/64 (2006.01) (87) WO2024/147111 (31) 63/478,558 (32) 05.01.23 (33) US (43) 11.07.2024 (72) KAUNDINYA, Ganesh; GANGULY, Tanmoy; FOLLADOR, Rainer; MALLY, Manuela; BACK, Jonathan Albert;	(71) GRAPHIC PACKAGING INTERNATIONAL, LLC (11) AU-A-2024226733 (21) 2024226733 (22) 22.02.2024 (54) CONTAINER WITH LID (51) Int. Cl. B65D 5/20 (2006.01) B65D 5/66 (2006.01) B65D 25/56 (2006.01) (87) WO2024/178165 (31) 63/447,912 (32) 24.02.23 (33) US (43) 29.08.2024 (72) KAVANAGH, Marc; SPAHLINGER, Carolin (74) PHILLIPS ORMONDE FITZPATRICK
(71) GAZTRANSPORT ET TECHNIGAZ (11) AU-A-2024229891 (21) 2024229891 (22) 15.02.2024 (54) DEVICE FOR MELTING A GAS IN THE SOLID STATE	(71) GREEN REVOLUTION COOLING, INC. (11) AU-A-2024212506 (21) 2024212506 (22) 02.01.2024 (54) IMMERSION COOLING RESERVOIR LEVEL CONTROL (51) Int. Cl. H05K 7/20 (2006.01) (87) WO2024/158530 (31) 18/101,478 (32) 25.01.23 (33) US (43) 02.08.2024 (72) JR., John H. BEAN (74) Spruson & Ferguson	

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(11) AU-A-2023426998
(21) 2023426998 (22) 24.08.2023
(54) ADVANCED HOLDING APPARATUS
(51) Int. Cl.
B25B 15/02 (2006.01)
B25B 23/00 (2006.01)
F16B 23/00 (2006.01)
(87) WO2024/162989
(31) 18/162,501 (32) 31.01.23 (33) US
(43) 08.08.2024
(72) KUKUCKA, Paul; KUKUCKA, Thomas
Stefan
(74) A.P.T. Patent and Trade Mark Attor-
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COMMUNICATIONS CORP., LTD.
(11) AU-A-2023421347
(21) 2023421347 (22) 03.01.2023
(54) DECODING METHOD, CODING
METHOD, DECODERS, AND
CODERS
(51) Int. Cl.
H04N 19/593 (2014.01)
H04N 19/176 (2014.01)
H04N 19/70 (2014.01)
(87) WO2024/145791
(43) 11.07.2024
(72) ZHANG, Lai; WANG, Fan
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COMMUNICATIONS CORP., LTD.
(11) AU-A-2023421438
(21) 2023421438 (22) 04.01.2023
(54) INTRA-FRAME TEMPLATE MATCH-
ING PREDICTION METHOD, VIDEO
CODING METHOD, VIDEO DECOD-
ING METHOD, APPARATUS, AND
SYSTEM
(51) Int. Cl.
H04N 19/52 (2014.01)
(87) WO2024/145857
(43) 11.07.2024
(72) WANG, Fan; ZHANG, Lai
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COMMUNICATIONS CORP., LTD.
(11) AU-A-2023421858
(21) 2023421858 (22) 04.01.2023
(54) INTRA TEMPLATE MATCHING PRE-
DICTION METHOD AND APPARATUS,
VIDEO CODING METHOD AND AP-
PARATUS, VIDEO DECODING METH-
OD AND APPARATUS, AND SYSTEM
(51) Int. Cl.
H04N 19/52 (2014.01)
H04N 19/11 (2014.01)
(87) WO2024/145851
(43) 11.07.2024
(72) WANG, Fan
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COMMUNICATIONS CORP., LTD.
(11) AU-A-2023421964
(21) 2023421964 (22) 04.01.2023
(54) CODING METHOD, DECODING
METHOD, CODE STREAM, CODER,
DECODER, AND STORAGE MEDIUM
(51) Int. Cl.
H04N 19/159 (2014.01)
(87) WO2024/145850
(43) 11.07.2024
(72) HUO, Junyan; MA, Yanzhuo; YANG,
Fuzheng; QIAO, Wenhan; LI, Ming
(74) Spruson & Ferguson

(71) H.J. HEINZ COMPANY BRANDS LLC
(11) AU-A-2024207228
(21) 2024207228 (22) 10.01.2024
(54) CONTAINER, CLOSURE, AND METH-
ODS FOR MANUFACTURE
(51) Int. Cl.
B65D 43/16 (2006.01)
B65D 43/22 (2006.01)
B65D 47/06 (2006.01)
B65D 51/20 (2006.01)
(87) WO2024/151771
(31) 63/438,454 (32) 11.01.23 (33) US
63/438,459 11.01.23 US
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PCT/ 11.01.23 US
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(43) 18.07.2024
(72) HILTSE, Balint; DE JONG, Jonathan
Ralph; SCHOLTE, Geert Petrus Jaco-
bus; HEMMES, Bastiaan Pieter; STAM,
Fredrik Cornelis; DEVRIES, Charlotte
Catherine Erik
(74) AJ PARK

(71) H.J. HEINZ COMPANY BRANDS LLC
(11) AU-A-2024207608
(21) 2024207608 (22) 10.01.2024
(54) CONTAINER, CLOSURE, AND METH-
ODS FOR MANUFACTURE
(51) Int. Cl.
B65D 47/08 (2006.01)
B65D 43/22 (2006.01)
B65D 51/22 (2006.01)
(87) WO2024/151774
(31) 63/438,454 (32) 11.01.23 (33) US
63/438,459 11.01.23 US
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PCT/ 11.01.23 US
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(43) 18.07.2024
(72) HILTSE, Balint; DE JONG, Jonathan
Ralph; SCHOLTE, Geert Petrus Jaco-
bus; HEMMES, Bastiaan Pieter; STAM,
Fredrik Cornelis; DEVRIES, Charlotte
Catherine Erik
(74) AJ PARK

(71) HAIQU, INC.
(11) AU-A-2023435598
(21) 2023435598 (22) 27.12.2023
(54) SYSTEM AND METHODS FOR DIS-
TRIBUTED QUANTUM ALGORITHM
COMPRESSION
(51) Int. Cl.

G06N 10/60 (2022.01)
G06N 3/042 (2023.01)
G06N 10/20 (2022.01)
G06N 10/80 (2022.01)
G06N 20/10 (2019.01)
(87) WO2024/186377
(31) 63/436,505 (32) 31.12.22 (33) US
(43) 12.09.2024
(72) MAKSYMENKO, Mykola; GIVHAN,
Richard
(74) Dentons Patent Attorneys Australasia
Limited

(71) HALLIBURTON ENERGY SERVICES,
INC.
(11) AU-A-2023445357
(21) 2023445357 (22) 26.04.2023
(54) DOWNHOLE TESTING TOOL FOR
SUBTERRANEAN FORMATION TEST-
ING USING A FLUID SAMPLING
PROBE ASSEMBLY
(51) Int. Cl.
E21B 49/08 (2006.01)
E21B 17/10 (2006.01)
E21B 43/10 (2006.01)
(87) WO2024/226043
(31) 18/305,906 (32) 24.04.23 (33) US
(43) 31.10.2024
(72) ARIAN, Abbas; MACKAY, Bruce; GAS-
COOKE, Darren George; LEE, Matthew
L.
(74) Spruson & Ferguson

(71) HARTALEGA RESEARCH SDN BHD
(11) AU-A-2023415350
(21) 2023415350 (22) 27.04.2023
(54) PERMEATION RESISTANT GLOVE
(51) Int. Cl.
C08L 9/04 (2006.01)
A41D 19/00 (2006.01)
C08K 3/11 (2018.01)
(87) WO2024/144388
(31) P12022007489 (32) 28.12.22 (33) MY
(43) 04.07.2024
(72) WEE, Mei Yui; Joanne; CHEE, Wei
Kit; KUAN, Kam Hon @ Kwan Kam
Onn; KUAN, Mun Leong; KUAN, Eu Jin;
CHEAH, Mei Ling
(74) Madderens Pty Ltd

(71) HEIDELBERG MATERIALS AG
(11) AU-A-2024243412
(21) 2024243412 (22) 21.03.2024
(54) METHOD FOR MANUFACTURING A
COMPOSITE CEMENT COMPRISING
A POZZOLAN MADE FROM QUARRY
DUST
(51) Int. Cl.
C04B 28/04 (2006.01)
C04B 20/02 (2006.01)
C04B 20/04 (2006.01)
(87) WO2024/208600
(31) 23167051.4 (32) 06.04.23 (33) EP
(43) 10.10.2024
(72) BOLTE, Gerd; DIENEMANN, Wolfgang
(74) Griffith Hack

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(11) AU-A-2024209830
(21) 2024209830 (22) 16.01.2024
(54) SODIUM-BASED METAL PRODUCTION SYSTEM
(51) Int. Cl.
C22B 5/02 (2006.01)
C21B 7/00 (2006.01)
C22B 3/02 (2006.01)
(87) WO2024/154126
(31) 63/480,106 (32) 17.01.23 (33) US
(43) 25.07.2024
(72) STEIN, Tal; ZILBERMAN, Nadav; GERLITZ, Itai; NOY, Aviv; HAUSNER, Jonathan; WEINGARTEN, Ronen; GALIM, Saar; GEIFMAN, Jonathan
(74) WRAYS PTY LTD

(71) HELIOS PROJECT LTD.
(11) AU-A-2024210492
(21) 2024210492 (22) 16.01.2024
(54) A PROCESS FOR TRANSITION METAL OXIDE REDUCTION
(51) Int. Cl.
B22F 9/18 (2006.01)
C21B 15/00 (2006.01)
C22B 5/04 (2006.01)
C22B 5/18 (2006.01)
C22B 15/00 (2006.01)
C22B 23/02 (2006.01)
C22B 26/10 (2006.01)
C22B 34/12 (2006.01)
C25C 3/24 (2006.01)
F27B 3/08 (2006.01)
(87) WO2024/154124
(31) 63/480,019 (32) 16.01.23 (33) US
(43) 25.07.2024
(72) GOFER, Yossi; HAUSNER, Jonathan; GEIFMAN, Jonathan; ELIAD, Linoam
(74) WRAYS PTY LTD

(71) HELMHOLTZ-ZENTRUM FÜR INFECTI-
ONSFORSCHUNG GMBH; MEDIZ-
INISCHE HOCHSCHULE HANNOVER
(11) AU-A-2024221841
(21) 2024221841 (22) 14.02.2024
(54) NOVEL INHIBITORS OF CYTOMEGA-
LOVIRUS
(51) Int. Cl.
C07D 413/06 (2006.01)
A61K 31/551 (2006.01)
A61P 31/20 (2006.01)
A61P 31/22 (2006.01)
C07D 413/14 (2006.01)
C07D 417/06 (2006.01)
(87) WO2024/170639
(31) 23157076.3 (32) 16.02.23 (33) EP
(43) 22.08.2024
(72) BRÖNSTRUP, Mark; MESSERLE, Martin; ARISSETTI, Nanaji; KAL-
VERKAMP, Simon; KOROTKOV, Vadim; NAHRENIAN, Shahab; ORTH, Till; RÜCKERT, Jessica; SCHULTZ, Thomas F.; STEPHEN, Steffi; WAGNER, Karen
(74) Griffith Hack

(71) HELMHOLTZ ZENTRUM MÜNCHEN
- DEUTSCHES FORSCHUNGSZEN-

TRUM FÜR GESUNDHEIT UND
UMWELT (GMBH); TECHNISCHE
UNIVERSITÄT MÜNCHEN, IN VER-
TRETUNG DES FREISTAATES BAY-
ERN; UNIVERSITÄTSKLINIKUM HAM-
BURG-EPPENDORF; ALBERT-LUD-
WIGS-UNIVERSITÄT FREIBURG
(11) AU-A-2024241503
(21) 2024241503 (22) 13.02.2024
(54) HBV ANTIGEN FORMULATION FOR
TREATING HEPATITIS B
(51) Int. Cl.
A61K 39/29 (2006.01)
A61P 31/20 (2006.01)
(87) WO2024/193905
(31) 23162520.3 (32) 17.03.23 (33) EP
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(72) PROTZER, Ulrike; AMBIKE, Shubhankar; KOSINSKA, Anna Dagmara; THIELE, Frank; WIEGAND, Marian; KNOLLE, Percy; ADDO, Marylyn Martina; NASSAL, Michael
(74) James & Wells Intellectual Property

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(21) 2024236048 (22) 01.02.2024
(54) OPERATION TIMETABLE CREATING
DEVICE AND METHOD
(51) Int. Cl.
B61L 27/12 (2022.01)
(87) WO2024/190130
(31) 2023-040960 (32) 15.03.23 (33) JP
(43) 19.09.2024
(72) KATO Akiko; HAMAMOTO Kaho
(74) Davies Collison Cave Pty Ltd

(71) HITACHI, LTD.
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(21) 2024302303 (22) 06.02.2024
(54) TRAIN DIAGRAM CHANGE ASSIST-
ANCE DEVICE AND TRAIN DIAGRAM
CHANGE ASSISTANCE METHOD
(51) Int. Cl.
B61L 27/12 (2022.01)
B61L 27/60 (2022.01)
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(31) 2023-096773 (32) 13.06.23 (33) JP
(43) 19.12.2024
(72) TOMIYAMA, Tomoe; KIMURA, Shota; TSUTSUMI, Yuh; ADACHI, Shingo; HASHIMOTO, Yuki; MATSUBARA, Daisuke; IKUHARA, Takahito; SATOU, Yuuichi
(74) Davies Collison Cave Pty Ltd

(71) HITACHI CONSTRUCTION MA-
CHINERY CO., LTD.
(11) AU-A-2024239169
(21) 2024239169 (22) 05.03.2024
(54) VEHICLE CONTROL DEVICE AND
VEHICLE MANAGEMENT SYSTEM
(51) Int. Cl.
B60L 50/53 (2019.01)
H02J 7/00 (2006.01)
H02J 7/04 (2006.01)
(87) WO2024/195519
(31) 2023-044953 (32) 22.03.23 (33) JP

(43) 26.09.2024
(72) KANAI Masaki; SAITO Shinjiro; HAMA-
DA Tomoyuki
(74) Griffith Hack

(71) HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2023426081
(21) 2023426081 (22) 27.01.2023
(54) DEVICES AND METHODS FOR CO-
ORDINATED TRANSMISSION IN A
WIRELESS NETWORK
(51) Int. Cl.
H04B 7/024 (2017.01)
(87) WO2024/156364
(43) 02.08.2024
(72) TSODIK, Genadiy; KLEIN, Arik; SHILO, Shimon; REDLICH, Oded
(74) PHILLIPS ORMONDE FITZPATRICK

(71) HYDROBE PTY LTD
(11) AU-A-2024223402
(21) 2024223402 (22) 16.02.2024
(54) CULTURING PHOTOTROPHIC OR-
GANISMS
(51) Int. Cl.
C12N 1/12 (2006.01)
C12M 1/00 (2006.01)
C12M 1/04 (2006.01)
C12M 1/34 (2006.01)
C12N 1/36 (2006.01)
C12R 1/89 (2006.01)
(87) WO2024/168400
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(43) 22.08.2024
(72) ANDERSON, Duncan; ZANDBERG, Jaco; BHATELIA, Tejas; HENA, Sufia; SHAH, Milin
(74) Griffith Hack

(71) HYKSO INC.
(11) AU-A-2024228753
(21) 2024228753 (22) 27.02.2024
(54) MODULAR INTERACTIVE EXERCISE
AND GAMING SYSTEMS AND METH-
ODS
(51) Int. Cl.
A63B 24/00 (2006.01)
G06F 17/40 (2006.01)
G08C 17/02 (2006.01)
(87) WO2024/182462
(31) 18/115,419 (32) 28.02.23 (33) US
(43) 06.09.2024
(72) MARCOTTE ST-MICHE, Alexandre
(74) Griffith Hack

(71) HYPER FIBERS S.R.L.
(11) AU-A-2024229784
(21) 2024229784 (22) 20.02.2024
(54) REINFORCING COMPOSITE MATER-
IAL
(51) Int. Cl.
B29D 28/00 (2006.01)
B32B 3/16 (2006.01)
B32B 5/06 (2006.01)
B32B 5/10 (2006.01)
D04H 3/004 (2012.01)
E02B 3/12 (2006.01)

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B29K 105/10 (2006.01)
(87) WO2024/180424
(31) 102023000003453 **(32)** 27.02.23 **(33)** IT
(43) 06.09.2024
(72) BRUSA, Nicola
(74) AJ PARK

(71) HYPRED
(11) AU-A-2024225648
(21) 2024225648 **(22)** 20.02.2024
(54) BIOFILM DETECTION SOLUTION
 AND METHOD OF APPLICATION TO
 SURFACES
(51) Int. Cl.
C12Q 1/04 (2006.01)
G01N 33/52 (2006.01)
(87) WO2024/175858
(31) FR2301680 **(32)** 23.02.23 **(33)** FR
(43) 29.08.2024
(72) DUBE, Frédéric
(74) Spruson & Ferguson

(71) ICS INTELLIGENT CONTROL SYS-
 TEMS LTD OY
(11) AU-A-2024211168
(21) 2024211168 **(22)** 24.01.2024
(54) AN OPTICAL STRUCTURE FOR EN-
 HANCING THE EFFICIENCY OF A
 SOLAR CELL
(51) Int. Cl.
H02S 40/22 (2014.01)
(87) WO2024/156937
(31) 63/481,259 **(32)** 24.01.23 **(33)** US
(43) 02.08.2024
(72) RINKO, Kari; TUOHIOJA, Tero; PFRE-
 UNDT, Andrea
(74) PHILLIPS ORMONDE FITZPATRICK

(71) IDEMITSU KOSAN CO.,LTD.; THE
 UNIVERSITY OF TOKYO; KYUSHU
 UNIVERSITY, NATIONAL UNIVERSITY
 CORPORATION
(11) AU-A-2024212390
(21) 2024212390 **(22)** 25.01.2024
(54) METHOD FOR PRODUCING NITRO-
 GENATED COMPOUND
(51) Int. Cl.
B01J 31/22 (2006.01)
C01C 1/04 (2006.01)
(87) WO2024/158036
(31) 2023-009529 **(32)** 25.01.23 **(33)** JP
(43) 02.08.2024
(72) ISHITOBI Yuma; NISHIBAYASHI
 Yoshiaki; ARASHIBA Kazuya; YOSHIZ-
 AWA Kazunari; EGI Akihito
(74) PHILLIPS ORMONDE FITZPATRICK

(71) IDEMITSU KOSAN CO.,LTD.
(11) AU-A-2024215870
(21) 2024215870 **(22)** 12.01.2024
(54) GAS DIFFUSION LAYER MANUFAC-
 TURING METHOD, CATHODE, ION
 EXCHANGE FILM-ELECTRODE AS-
 SEMBLY, AND SOLID ELECTROLYTE
 ELECTROLYSIS DEVICE
(51) Int. Cl.

C25B 11/032 (2021.01)
C25B 9/23 (2021.01)
C25B 11/065 (2021.01)
H01M 4/88 (2006.01)
H01M 4/96 (2006.01)
H01M 8/10 (2016.01)
(87) WO2024/161942
(31) 2023-014139 **(32)** 01.02.23 **(33)** JP
 2023-113471 11.07.23 JP
(43) 08.08.2024
(72) KANEKO Hiroyuki; JIA Qingxin
(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2024223010
(21) 2024223010 **(22)** 09.02.2024
(54) SPEARGUN
(51) Int. Cl.
F41A 17/46 (2006.01)
A01K 81/04 (2006.01)
A01K 81/06 (2006.01)
F41B 7/04 (2006.01)
(87) WO2024/168378
(31) 2023900345 **(32)** 13.02.23 **(33)** AU
(43) 22.08.2024
(72) KENNEDY, Chaz
(74) O'Sullivan's Patent and Trade Mark At-
 torneys Pty Ltd

(71) ILLINOIS TOOL WORKS INC.
(11) AU-A-2024240234
(21) 2024240234 **(22)** 20.03.2024
(54) METHOD FOR SETTING A TARGET
 CORE TEMPERATURE IN A COOK-
 ING APPLIANCE
(51) Int. Cl.
F24C 7/08 (2006.01)
(87) WO2024/196968
(31) FR2302748 **(32)** 23.03.23 **(33)** FR
(43) 26.09.2024
(72) AMARI, Fabrice; Buset, Luc
(74) Davies Collison Cave Pty Ltd

(71) ILOQ OY
(11) AU-A-2024230339
(21) 2024230339 **(22)** 29.02.2024
(54) DOORKNOB WITH FIXING MECH-
 ANISM, LOCK ARRANGEMENT AND
 OPENING TOOL
(51) Int. Cl.
E05B 47/06 (2006.01)
E05B 3/00 (2006.01)
E05B 9/04 (2006.01)
(87) WO2024/180183
(31) 18/116,717 **(32)** 02.03.23 **(33)** US
(43) 06.09.2024
(72) SINTONEN, Tommi; KYRÖNLAMPI,
 Juha; YLITALO, Matti; MARONEN,
 Samuli
(74) Griffith Hack

(71) IMBIORAY (HANGZHOU) BIOMEDI-
 CINE CO., LTD.
(11) AU-A-2023414458
(21) 2023414458 **(22)** 27.12.2023

(54) ANTI-CD33/CLL1 BISPECIFIC ANTI-
 BODY-NATURAL KILLER CELL CON-
 JUGATE AND USE THEREOF
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12N 5/0783 (2010.01)
(87) WO2024/140816
(31) 202211728567.1 **(32)** 30.12.22 **(33)** CN
(43) 04.07.2024
(72) MIAO, Zhenwei; ZHENG, Chen; BI-
 AN, Jinduo; WU, Liqin; SANG, Aowen;
 SONG, Yan; WANG, Guojun; LU, Huan;
 WANG, Cong; LIU, Shizhou; CHEN,
 Mingyue; MEI, Shuang
(74) AJ PARK

(71) IMBIORAY (HANGZHOU) BIOMEDI-
 CINE CO., LTD.
(11) AU-A-2023418919
(21) 2023418919 **(22)** 28.12.2023
(54) ANTI-5T4 ANTIBODY-NATURAL
 KILLER CELL CONJUGATE AND USE
 THEREOF
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12N 5/0783 (2010.01)
(87) WO2024/140904
(31) 202211728539.X **(32)** 30.12.22 **(33)** CN
(43) 04.07.2024
(72) MIAO, Zhenwei; ZHENG, Chen; BI-
 AN, Jinduo; WU, Liqin; SANG, Aowen;
 SONG, Yan; WANG, Guojun; LU, Huan;
 WANG, Cong; LIU, Shizhou; CHEN,
 Mingyue; MEI, Shuang
(74) AJ PARK

(71) INDUSTRIE DE NORA S.P.A.
(11) AU-A-2024254218
(21) 2024254218 **(22)** 29.02.2024
(54) ELECTRODE FOR ELECTROLYTIC
 PROCESSES AND METHOD FOR
 PRODUCING THE SAME
(51) Int. Cl.
C25B 11/093 (2021.01)
C25B 11/052 (2021.01)
C25B 11/063 (2021.01)
C25B 11/097 (2021.01)
C25C 7/02 (2006.01)
(87) WO2024/201168
(31) 63/493,623 **(32)** 31.03.23 **(33)** US
(43) 03.10.2024
(72) FURUSAWA, Takashi
(74) PHILLIPS ORMONDE FITZPATRICK

(71) INSPIRE MEDICAL SYSTEMS, INC.
(11) AU-A-2023416744
(21) 2023416744 **(22)** 22.12.2023
(54) STIMULATING INFRAHYOID
 MUSCLE-RELATED TISSUE
(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
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(31) 63/477,758 **(32)** 29.12.22 **(33)** US

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(74) WRAYS PTY LTD

(71) INTEGRA BIOSCIENCES AG
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(21) 2024239007 (22) 12.03.2024
(54) PIPETTE TIP AND MOUNTING SHAFT
(51) Int. Cl.
B01L 3/02 (2006.01)
(87) WO2024/194740
(31) 63/490,891 (32) 17.03.23 (33) US
(43) 26.09.2024
(72) KELLY, Terrence; DELLORUSSO, Kyle R.; PASQUIER, Noel; WIELATT, Lukas
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) INTEGRA BIOSCIENCES AG
(11) AU-A-2024240727
(21) 2024240727 (22) 12.03.2024
(54) PIPETTE TIPS AND RACK SYSTEM FOR LIQUID HANDLING EQUIPMENT
(51) Int. Cl.
B01L 9/00 (2006.01)
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(72) MAURACHER, Christoph; KELLY, Terrence; DELLORUSSO, Kyle R.; WIELATT, Lukas; PASQUIER, Noel
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) INTENSE GRIT SYSTEMS, LLC
(11) AU-A-2024209289
(21) 2024209289 (22) 19.01.2024
(54) SYSTEM AND METHOD FOR CONDITIONING ABRASIVE MEDIA
(51) Int. Cl.
B24C 3/06 (2006.01)
B22F 1/142 (2022.01)
B24C 9/00 (2006.01)
F26B 17/10 (2006.01)
(87) WO2024/155962
(31) 63/480,670 (32) 19.01.23 (33) US
(43) 25.07.2024
(72) MICHEL, Matthew; BENSON, Ronald
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) INVENTIO AG
(11) AU-A-2024215710
(21) 2024215710 (22) 24.01.2024
(54) MEASURING SYSTEM FOR DETECTING THE ABSOLUTE POSITION OF AN ELEVATOR CAR IN AN ELEVATOR SHAFT
(51) Int. Cl.
B66B 1/34 (2006.01)
G06K 7/10 (2006.01)
(87) WO2024/160614
(31) 23154862.9 (32) 03.02.23 (33) EP

(43) 08.08.2024
(72) CARLIER, Bertrand; BIRRER, Eric; CHATZIMICHAILIDIS, Michail; LANG, Vanessa; KRIESCH, Rainer
(74) Griffith Hack

(71) INVENT MEDICAL GROUP, S.R.O.
(11) AU-A-2023424123
(21) 2023424123 (22) 19.12.2023
(54) ASSEMBLY OF A CRANIAL REMODELING ORTHOSIS
(51) Int. Cl.
A61F 5/058 (2006.01)
(87) WO2024/153273
(31) PV 2023-17 (32) 18.01.23 (33) CZ
(43) 25.07.2024
(72) ROSICKÝ, Jan; ROSICKÝ, Jiří; MARTÍNEK, Matěj
(74) Griffith Hack

(71) INVENT MEDICAL GROUP, S.R.O.
(11) AU-A-2023424536
(21) 2023424536 (22) 19.12.2023
(54) METHOD OF DESIGNING AND PRODUCING A CRANIAL REMODELING ORTHOSIS
(51) Int. Cl.
A61F 5/058 (2006.01)
(87) WO2024/153272
(31) PV 2023-18 (32) 18.01.23 (33) CZ
(43) 25.07.2024
(72) ROSICKÝ, Jan; ROSICKÝ, Jiří; MARTÍNEK, Matěj
(74) Griffith Hack

(71) INVENT MEDICAL GROUP, S.R.O.
(11) AU-A-2023424766
(21) 2023424766 (22) 19.12.2023
(54) CRANIAL REMODELING ORTHOSIS
(51) Int. Cl.
A61F 5/058 (2006.01)
(87) WO2024/153271
(31) PV 2023-18 (32) 18.01.23 (33) CZ
(43) 25.07.2024
(72) ROSICKÝ, Jan; ROSICKÝ, Jiří; MARTÍNEK, Matěj
(74) Griffith Hack

(71) ISTITUTO NAZIONALE DI FISICA NUCLEARE; POLITECNICO DI TORINO; UNIVERSITA' DI TRENTO; UNIVERSITY OF WOLLONGONG
(11) AU-A-2024209509
(21) 2024209509 (22) 18.01.2024
(54) PROBE FOR RADIATION DETECTION
(51) Int. Cl.
G01T 1/02 (2006.01)
G01T 7/00 (2006.01)
(87) WO2024/154082
(31) 102023000000762 (32) 19.01.23 (33) IT
(43) 25.07.2024
(72) RIVETTI, Angelo; ROLO, Manuel; PANCHERI, Lucio; PETASECCA, Marco; TEDESCO, Silvia; GIAM-PAOLO, Raffaele A.; BIANCO, Edoardo
(74) WRAYS PTY LTD

(71) IVIVA MEDICAL, INC.
(11) AU-A-2024219128
(21) 2024219128 (22) 06.02.2024
(54) INTRAVASCULAR ARTIFICIAL PANCREAS
(51) Int. Cl.
A61F 2/02 (2006.01)
A61K 38/28 (2006.01)
A61L 27/38 (2006.01)
A61M 1/36 (2006.01)
A61P 3/08 (2006.01)
A61P 5/48 (2006.01)
B01D 61/14 (2006.01)
B01D 67/00 (2006.01)
B01D 69/02 (2006.01)
(87) WO2024/167973
(31) 63/483,316 (32) 06.02.23 (33) US
(43) 15.08.2024
(72) BOWERS, Daniel
(74) Forte Intellectual Property Pty Ltd

(71) JFE STEEL CORPORATION
(11) AU-A-2023439175
(21) 2023439175 (22) 07.11.2023
(54) COKE PRODUCTION METHOD
(51) Int. Cl.
C10B 57/04 (2006.01)
(87) WO2024/202185
(31) 2023-051469 (32) 28.03.23 (33) JP
(43) 03.10.2024
(72) KAWAI Yuya; DOHI Yusuke; YOSHIOKA Aya
(74) Davies Collison Cave Pty Ltd

(71) KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO STEEL, LTD.)
(11) AU-A-2023430525
(21) 2023430525 (22) 18.12.2023
(54) COMPRESSOR UNIT
(51) Int. Cl.
F04B 49/02 (2006.01)
F04B 39/06 (2006.01)
F17C 13/00 (2006.01)
(87) WO2024/171604
(31) 2023-021803 (32) 15.02.23 (33) JP
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(72) NAGURA, Kenji; KUBO, Kenji; MAEDA, Yugo
(74) FB Rice Pty Ltd

(71) KAJIMA CORPORATION
(11) AU-A-2023429487
(21) 2023429487 (22) 06.02.2023
(54) METHOD FOR PRODUCING SPHERICAL ALGAL BODY
(51) Int. Cl.
A01G 33/00 (2006.01)
(87) WO2024/166182
(43) 15.08.2024
(72) LIM Boon Keng; NAKAMURA Hanako; SHIBATA Haruka
(74) Spruson & Ferguson

(71) KAWASAKI JUKOGYO KABUSHIKI KAISHA
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(21) 2024217363 (22) 19.01.2024

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F25C 1/24 (2018.01)
F25C 5/04 (2006.01)
F25C 5/08 (2006.01)
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F25D 17/06 (2006.01)
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(74) Dentons Patent Attorneys Australasia
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olas Kent; POPPE, Nathan Daniel;
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Cristina
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HOPKINS UNIVERSITY
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A61M 16/00 (2006.01)
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A61B 5/346 (2021.01)
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B03C 7/00 (2006.01)
B03D 1/02 (2006.01)
C01B 25/32 (2006.01)
C01B 32/20 (2017.01)
C22B 1/00 (2006.01)
C22B 3/00 (2006.01)
C22B 3/06 (2006.01)
C22B 26/12 (2006.01)
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(74) FB Rice Pty Ltd
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 495/04 (2006.01)
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C12P 13/02 (2006.01)
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G16H 50/50 (2018.01)
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E02D 7/14 (2006.01)
E02D 13/10 (2006.01)
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C07D 237/06 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
A61K 31/501 (2006.01)
A61P 31/14 (2006.01)
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G06F 3/01 (2006.01)

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C01G 53/00 (2006.01)
H01M 4/131 (2010.01)
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E21B 17/00 (2006.01)
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C09K 8/05 (2006.01)
B01J 19/00 (2006.01)
C01B 33/141 (2006.01)
C01B 33/149 (2006.01)
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H04W 64/00 (2009.01)
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G01S 5/02 (2010.01)
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H04W 24/10 (2009.01)
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F03D 13/40 (2016.01)
B60P 3/40 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
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C07D 239/95 (2006.01)
A61K 31/517 (2006.01)
A61P 9/04 (2006.01)
C07D 401/12 (2006.01)
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A61K 31/436 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
A61P 37/00 (2006.01)
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C12N 15/88 (2006.01)
A61K 9/127 (2006.01)
A61K 38/48 (2006.01)
C12N 15/85 (2006.01)
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A61K 9/20 (2006.01)
A61J 3/06 (2006.01)
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G01D 5/353 (2006.01)
G01H 9/00 (2006.01)

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C12N 15/87 (2006.01)
B01L 1/00 (2006.01)
C12M 1/00 (2006.01)
C12N 5/0783 (2010.01)
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G16H 30/40 (2018.01)
G06T 7/00 (2017.01)
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C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
A61P 25/28 (2006.01)
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G06Q 50/04 (2012.01)
G06Q 50/12 (2012.01)
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H05B 6/12 (2006.01)
F24C 15/10 (2006.01)
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H04W 52/02 (2009.01)
G06F 1/00 (2006.01)
H04B 7/00 (2006.01)
H04W 72/00 (2023.01)
H04W 88/00 (2009.01)
H04W 92/00 (2009.01)
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C07K 14/705 (2006.01)
A61K 38/00 (2006.01)
A61P 19/02 (2006.01)
A61P 25/04 (2006.01)
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C07K 16/28 (2006.01)
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A61K 39/12 (2006.01)
A61K 39/145 (2006.01)
A61P 31/16 (2006.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
(87) WO2024/165992
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(74) Allens Patent & Trade Mark Attorneys

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A01M 29/12 (2011.01)
A01N 25/06 (2006.01)
A01P 17/00 (2006.01)
A01N 25/02 (2006.01)
F21S 10/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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A61K 47/65 (2017.01)
A61K 31/4745 (2006.01)
A61K 47/54 (2017.01)
A61K 47/68 (2017.01)
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A61K 31/4015 (2006.01)
A61K 31/402 (2006.01)
A61P 37/04 (2006.01)
A61P 37/06 (2006.01)
C07D 207/273 (2006.01)
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A61M 25/06 (2006.01)
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C07C 219/12 (2006.01)
A61K 9/127 (2006.01)
A61P 3/00 (2006.01)
C07C 229/16 (2006.01)
C07C 229/24 (2006.01)
C12N 15/00 (2006.01)
C12N 15/88 (2006.01)
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G06T 7/00 (2017.01)
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G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
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A46B 15/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 48/00 (2006.01)
A61P 21/02 (2006.01)
C07H 21/00 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR TARGETING TUMOR-ASSOCIATED MACROPHAGES
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A61K 31/5517 (2006.01)
A61K 47/54 (2017.01)
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A61K 38/08 (2019.01)
A61K 45/06 (2006.01)
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F02B 47/10 (2006.01)
F02D 41/00 (2006.01)
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C22B 15/00 (2006.01)
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A23K 20/105 (2016.01)
A23K 20/147 (2016.01)
A23K 20/158 (2016.01)
A23K 50/10 (2016.01)
A61K 31/02 (2006.01)
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C03C 17/34 (2006.01)
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C03C 3/087 (2006.01)
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(54) FAIL-SAFE AWNING AND METHOD OF MAKING SAME
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E04F 10/06 (2006.01)
B65H 16/10 (2006.01)
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C12Q 1/6818 (2018.01)
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(51) Int. Cl.
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C07K 1/16 (2006.01)
C07K 16/22 (2006.01)
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(87) WO2024/148276
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(51) Int. Cl.
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C01B 3/38 (2006.01)
C01B 3/50 (2006.01)
C10K 3/02 (2006.01)
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C07D 211/96 (2006.01)
A61K 31/445 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
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C25B 1/04 (2021.01)
F01K 13/00 (2006.01)
F02G 1/043 (2006.01)
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F03D 9/11 (2016.01)
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H02M 1/00 (2007.01)
H02H 3/00 (2006.01)
H02H 5/00 (2006.01)
H02M 1/32 (2007.01)
H02M 1/42 (2007.01)
H02M 5/12 (2006.01)
H02M 7/145 (2006.01)
H02M 7/521 (2006.01)
H02M 7/77 (2006.01)
H02M 1/36 (2007.01)
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H02J 3/18 (2006.01)
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F03D 1/06 (2006.01)
F03D 80/50 (2016.01)
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C08G 59/22 (2006.01)
C08G 59/36 (2006.01)
C08G 59/50 (2006.01)
C08G 59/68 (2006.01)
C08L 63/00 (2006.01)
C09D 163/00 (2006.01)
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A23G 3/54 (2006.01)
A23G 1/54 (2006.01)
A23G 3/44 (2006.01)
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A23G 1/54 (2006.01)
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G01N 23/223 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 16/40 (2006.01)
C12N 15/13 (2006.01)
G01N 33/573 (2006.01)
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A61K 31/739 (2006.01)
C07H 15/04 (2006.01)
C07H 15/06 (2006.01)
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C12P 19/44 (2006.01)
A61K 31/715 (2006.01)
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G16H 10/60 (2018.01)
A61B 34/00 (2016.01)
G16H 40/63 (2018.01)
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A61B 18/00 (2006.01)
A61B 90/40 (2016.01)
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B01D 53/86 (2006.01)
B01J 23/46 (2006.01)
B01J 23/63 (2006.01)
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A01N 43/40 (2006.01)
A01N 37/06 (2006.01)
A01N 37/36 (2006.01)
A01N 47/34 (2006.01)
A01P 19/00 (2006.01)
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B01J 20/30 (2006.01)
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(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/16 (2006.01)
A61K 48/00 (2006.01)
A61P 9/10 (2006.01)
C12N 5/10 (2006.01)
C12N 15/11 (2006.01)

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C22B 1/242 (2006.01)
C21B 13/00 (2006.01)
C21B 13/02 (2006.01)
C21B 13/14 (2006.01)
C21C 5/52 (2006.01)
C22B 1/245 (2006.01)
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C12M 1/34 (2006.01)
G01N 27/02 (2006.01)
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G06K 19/07 (2006.01)
G06F 3/044 (2006.01)
G06Q 20/22 (2012.01)
G06Q 20/34 (2012.01)
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G06Q 20/20 (2012.01)
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G07F 7/08 (2006.01)
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F02N 11/12 (2006.01)
B60L 53/14 (2019.01)
B60L 53/57 (2019.01)
H01M 10/44 (2006.01)
H01M 10/0525 (2010.01)
H02J 1/10 (2006.01)
H02J 7/34 (2006.01)
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A61K 9/00 (2006.01)
A61F 6/08 (2006.01)
A61F 6/14 (2006.01)
A61K 9/02 (2006.01)
A61K 31/19 (2006.01)
A61K 33/30 (2006.01)
A61K 33/34 (2006.01)
A61M 31/00 (2006.01)
A61P 15/18 (2006.01)
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C07D 491/22 (2006.01)
A61K 31/553 (2006.01)
A61P 35/00 (2006.01)
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G06Q 20/40 (2012.01)
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F21S 8/08 (2006.01)
F21V 15/01 (2006.01)
F21V 21/116 (2006.01)
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H04R 1/10 (2006.01)
G02C 11/00 (2006.01)
G02C 11/06 (2006.01)
H04R 1/40 (2006.01)
H04R 1/02 (2006.01)
H04R 3/12 (2006.01)
H04R 25/00 (2006.01)
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A61K 9/00 (2006.01)
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A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
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H01L 23/00 (2006.01)
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A61B 17/90 (2006.01)
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
A61B 17/16 (2006.01)
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OF
(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/40 (2006.01)
C07K 19/00 (2006.01)
C12N 15/62 (2006.01)
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F24H 3/04 (2022.01)
F24H 9/1863 (2022.01)
F24H 15/25 (2022.01)
F24H 15/37 (2022.01)
H05B 3/12 (2006.01)
H05B 3/46 (2006.01)
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A61B 1/24 (2006.01)
A61B 1/00 (2006.01)
A61C 17/06 (2006.01)
A61M 39/00 (2006.01)
F16C 11/06 (2006.01)
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G06N 20/00 (2019.01)
G10L 15/08 (2006.01)
G06N 3/045 (2023.01)
G10L 15/02 (2006.01)
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B65B 5/08 (2006.01)
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B65B 25/04 (2006.01)
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A61K 31/4164 (2006.01)
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JOL BECH, Eugènia-Alexandra;
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HUTTER-PAIER, Birgit
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ECOLE NATIONALE SUPÉRIEURE
D'INGÉNIEURS DE CAEN; CENTRE
NATIONAL DE LA RECHERCHE SCI-
ENTIFIQUE
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(54) METHOD FOR SYNTHESIZING
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LINE PHOSPHATE BUFFER AND AS-
SOCIATED NANOPARTICLES, SUS-
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COMPOSITION
(51) Int. Cl.
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A61K 9/51 (2006.01)
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B01J 13/00 (2006.01)
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(54) IMPROVING GLYMPHATIC-LYMPHAT-
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A61K 31/5575 (2006.01)
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A61K 31/506 (2006.01)
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A61K 31/53 (2006.01)
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GOLDMAN, Steven
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A61K 39/09 (2006.01)
A61P 31/04 (2006.01)
A61P 37/04 (2006.01)
C07K 14/315 (2006.01)
C12N 1/20 (2006.01)
C12N 15/31 (2006.01)
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C12Q 1/6886 (2018.01)
G16B 20/00 (2019.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
A61P 35/00 (2006.01)
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G06T 7/00 (2017.01)
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don
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(11) AU-A-2024214723
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COMPOSITION AND METHOD OF
CONTROLLING WEEDS USING THE
SAME
(51) Int. Cl.
A01N 57/20 (2006.01)
A01N 41/10 (2006.01)
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(51) Int. Cl.
A61K 31/4035 (2006.01)
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A61K 31/454 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/541 (2006.01)
A61P 25/00 (2006.01)
C07D 209/46 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
C07D 405/04 (2006.01)
C07D 405/14 (2006.01)
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C07D 413/04 (2006.01)
C07D 417/04 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 487/10 (2006.01)
C07D 491/052 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/416 (2006.01)
A61K 31/454 (2006.01)
A61P 25/00 (2006.01)
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Joseph D.; PLUMLEY, Hyekyung Kelly
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PEPTIDE BONDS WITH A SECOND
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THEREOF
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A61K 47/64 (2017.01)
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wood
(74) Davies Collison Cave Pty Ltd
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A61M 37/00 (2006.01)
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C07K 14/005 (2006.01)
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C07K 14/08 (2006.01)
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(54) MACROENCAPSULATION DEVICES
INCLUDING IMMUNOMODULATORY
COMPOUNDS
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A61P 3/10 (2006.01)
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TAINER FOR DISPENSING MOTOR
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B67D 7/04 (2010.01)
B67D 7/60 (2010.01)
G07F 11/00 (2006.01)
G07F 13/00 (2006.01)
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C07D 211/96 (2006.01)
A61K 31/445 (2006.01)
A61P 17/02 (2006.01)
A61P 35/00 (2006.01)
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Miyatake; COOK, Brian
(74) Davies Collison Cave Pty Ltd
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(51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/337 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/4725 (2006.01)
A61K 31/497 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/501 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
C07D 403/12 (2006.01)
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LACE, Michael; POLLOCK, Jonath-
an; SNEAD, Aaron; LEE, Bryan;
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LEY, Gabriel; URBANO, Mariangela;
GREEN, Jason; ALABI, Philip
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(21) 2023428568 (22) 03.10.2023
(54) SECURE STORAGE SYSTEM
(51) Int. Cl.
G08B 13/14 (2006.01)
G07C 9/00 (2020.01)
A47G 29/14 (2006.01)
G06Q 10/08 (2024.01)
G08B 13/08 (2006.01)
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(31) 2301278.4 (32) 30.01.23 (33) GB
(43) 08.08.2024
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Lee; MOBBS, Andrew Graham
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(21) 2024226158 (22) 22.02.2024
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(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 31/403 (2006.01)
A61P 35/00 (2006.01)
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MAN, Scott; MAO, Jianmin
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A47L 15/00 (2006.01)
A47L 15/44 (2006.01)
C11D 3/10 (2006.01)
C11D 3/40 (2006.01)
C11D 7/12 (2006.01)
(87) WO2024/165161
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E21C 50/00 (2006.01)
E02F 3/90 (2006.01)
E02F 3/94 (2006.01)
E21B 43/36 (2006.01)
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F04F 1/08 (2006.01)
(87) WO2024/241183
(31) 2307527.8 (32) 19.05.23 (33) GB
(43) 28.11.2024
(72) VAN RIJSWICK, Rudolfus
(74) WEIR MINERALS AUSTRALIA LTD

(71) WISK AERO LLC
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(54) SYSTEM AND METHODS FOR IMPROVED SITUATIONAL AWARENESS IN AVIATION
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B64D 43/00 (2006.01)
G08G 5/00 (2006.01)
G10L 15/26 (2006.01)
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(31) 63/444,194 (32) 08.02.23 (33) US
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(72) GETTLER, JR., Robert
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2024216672
(21) 2024216672 (22) 09.02.2024
(54) SYSTEM AND METHOD FOR NETWORK TRANSACTION FACILITATION OR SUPPORT WITHIN A WEBSITE BUILDING SYSTEM
(51) Int. Cl.
G06F 16/958 (2019.01)
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(74) Spruson & Ferguson

(71) WOLFFKRAN HOLDING AG
(11) AU-A-2024212053
(21) 2024212053 (22) 08.01.2024
(54) METHOD AND DEVICE FOR OPERATING A SLEWING JIB CRANE, AND SLEWING JIB CRANE
(51) Int. Cl.
B66C 13/06 (2006.01)
B66C 13/46 (2006.01)
(87) WO2024/156497
(31) 23153260.7 (32) 25.01.23 (33) EP
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(72) MOSOLF, Viktor; MÜLLER, Alexey
(74) JMDS IP Pty Ltd

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(11) AU-A-2024211776
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(54) LATCH AND ADJUSTMENT SYSTEM FOR INFANT CHILD SEATS
(51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/08 (2006.01)
B60N 2/26 (2006.01)
B60N 2/90 (2018.01)
(87) WO2024/158891
(31) 63/481,889 (32) 27.01.23 (33) US
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(43) 02.08.2024
(72) EGGERT-CROWE, Colin F.; GEARHART, Samuel
(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2024218083
(21) 2024218083 (22) 07.02.2024
(54) LATCH AND ADJUSTMENT SYSTEM FOR INFANT CHILD SEATS
(51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/68 (2006.01)
(87) WO2024/168015
(31) 63/483,989 (32) 09.02.23 (33) US
63/492,889 29.03.23 US
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) XENIOM GMBH
(11) AU-A-2024215777
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(54) NOVEL COMPOUNDS THAT CAN BE USED AS THERAPEUTIC AGENTS

(51) Int. Cl.
C07D 241/04 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
C07D 401/06 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
C07D 409/12 (2006.01)
C07D 409/14 (2006.01)
C07D 417/06 (2006.01)
C07D 417/14 (2006.01)
C07D 487/04 (2006.01)
C07D 487/08 (2006.01)
C07D 487/10 (2006.01)
(87) WO2024/161041
(31) 23154960.1 (32) 03.02.23 (33) EP
(43) 08.08.2024
(72) REINMÜLLER, Viktoria; MARTY, Roman; WAGNIÈRES, Olivier; GUALTIEROTTI, Jean-Baptiste; ZIMMERMANN, Johann; FELLNER, Madeleine; OSTERMAIER, Matthias
(74) Davies Collison Cave Pty Ltd

(71) YARA INTERNATIONAL ASA
(11) AU-A-2024258982
(21) 2024258982 (22) 16.04.2024
(54) NEUTRALISATION REACTOR AND METHOD OF OPERATING THEREOF
(51) Int. Cl.
B01J 4/00 (2006.01)
B01J 19/02 (2006.01)
C01B 21/38 (2006.01)
C01C 1/18 (2006.01)
C02F 1/66 (2023.01)
C05C 1/00 (2006.01)
(87) WO2024/218087
(31) 23168249.3 (32) 17.04.23 (33) EP
(43) 24.10.2024
(72) KLAVENES, Anita; BUJALSKI, Jakub
(74) Southern Cross Intellectual Property

(71) ZANSORS LLC
(11) AU-A-2023417468
(21) 2023417468 (22) 29.12.2023
(54) FIRST RESPONDER TRACKING AND COMMUNICATION SYSTEM
(51) Int. Cl.
G01C 21/16 (2006.01)
G01S 11/02 (2010.01)
G01S 19/49 (2010.01)
G08B 21/02 (2006.01)
G08B 25/01 (2006.01)
(87) WO2024/145554
(31) 63/436,157 (32) 30.12.22 (33) US
(43) 04.07.2024
(72) DAS, Baabi; JACKSON, Maurice
(74) Stellar Law Pty Ltd

(71) ZHEJIANG ZHENGTE CO., LTD.
(11) AU-A-2024211163
(21) 2024211163 (22) 26.01.2024
(54) COMPONENT BOX AND METHOD FOR STORING MULTI-FUNCTION COMPONENTS
(51) Int. Cl.

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- B25H 3/02** (2006.01)
B65D 25/06 (2006.01)
B65D 25/10 (2006.01)
(87) WO2024/156276
(31) 63/441,737 **(32)** 27.01.23 **(33)** US
(43) 02.08.2024
(72) VAN LIEROP, Patrick; CHEN, Younghui
(74) Griffith Hack
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- (71)** ZHEJIANG ZHENGTE CO., LTD.
(11) AU-A-2024211458
(21) 2024211458 **(22)** 26.01.2024
(54) STEEL PERGOLA
(51) Int. Cl.
E04F 10/00 (2006.01)
E04D 13/035 (2006.01)
E04D 13/064 (2006.01)
E04F 13/073 (2006.01)
E04H 15/18 (2006.01)
E04H 15/34 (2006.01)
(87) WO2024/156278
(31) 63/441,746 **(32)** 27.01.23 **(33)** US
(43) 02.08.2024
(72) VAN LIEROP, Patrick; CHEN, Younghui
(74) Griffith Hack
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- (71)** ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO.LTD OF CHALCO
(11) AU-A-2024243812
(21) 2024243812 **(22)** 07.04.2024
(54) METAL ELECTRODE FOR ALUMINUM ELECTROLYSIS, COATING COMPOSITION THEREOF, AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C25C 3/12 (2006.01)
C09D 1/00 (2006.01)
C09D 5/10 (2006.01)
(87) WO2024/208361
(31) 202310376813.X **(32)** 07.04.23 **(33)** CN
(43) 10.10.2024
(72) MA, Junyi; HOU, Guanghui; LI, Changlin; BAO, Shengzhong; LI, Dongsheng; LIU, Dan; CAO, Yongfeng; LI, Jing; SHI, Xu
(74) SOLIS IP PTY LTD
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- (71)** ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO.LTD OF CHALCO
(11) AU-A-2024277143
(21) 2024277143 **(22)** 22.05.2024
(54) METHOD FOR PRODUCING HIGH-GRADE VANADIUM CONCENTRATE
(51) Int. Cl.
C01F 7/473 (2022.01)
C01F 7/02 (2022.01)
C22B 34/22 (2006.01)
(87) WO2024/240168
(31) 202310614054.6 **(32)** 25.05.23 **(33)** CN
(43) 28.11.2024
(72) QI, Lijuan; KANG, Shaojie; WEI, Shuyao; YANG, Huibin; ZHENG, Jie; ZHANG, Jianqiang; LIU, Chunling; GUAN, Xiaoge; ZHANG, Chao; HAN, Xiaobo
(74) SOLIS IP PTY LTD
-
- (71)** ZURIMED TECHNOLOGIES AG
(11) AU-A-2024228756
(21) 2024228756 **(22)** 01.03.2024
(54) SURGICAL DEVICE HAVING A FELTING NEEDLE WITH A BLUNT TIP
(51) Int. Cl.
A61B 17/04 (2006.01)
A61B 17/06 (2006.01)
A61B 17/062 (2006.01)
(87) WO2024/180223
(31) 23159745.1 **(32)** 02.03.23 **(33)** EP
(43) 06.09.2024
(72) BRUN, Sascha; BANZET, Pol; LI, Xiang; BACHMANN, Elias; MÖHL, Andrea Gabriela; SENN, Ronja
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ZURIMED TECHNOLOGIES AG
(11) AU-A-2024230912
(21) 2024230912 **(22)** 06.03.2024
(54) SURGICAL DEVICE
(51) Int. Cl.
A61B 17/04 (2006.01)
A61B 17/06 (2006.01)
A61B 17/062 (2006.01)
A61B 17/12 (2006.01)
A61B 90/00 (2016.01)
A61F 2/02 (2006.01)
(87) WO2024/184431
(31) CH000247/2023 **(32)** 07.03.23 **(33)** CH
(43) 12.09.2024
(72) BACHMANN, Elias; BANZET, Pol; LI, Xiang
(74) PHILLIPS ORMONDE FITZPATRICK

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2023415386	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2023422659	TYW IP HOLDING LLC
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2023415591	ALGIPHARMA AS	2023424123	INVENT MEDICAL GROUP, S.R.O.
2023415703	DEPUY IRELAND UNLIMITED COMPANY	2023424168	NANJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.
2023415775	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023424536	INVENT MEDICAL GROUP, S.R.O.
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2023416496	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2023426759	PRC-DESOTO INTERNATIONAL, INC.
2023416744	INSPIRE MEDICAL SYSTEMS, INC.	2023426998	GRIP HOLDINGS LLC
2023416871	BEONE MEDICINES I GMBH	2023427623	CANON KABUSHIKI KAISHA
2023416904	SHAANXI HUIKANG BIO-TECH CO., LTD.	2023427940	CERTA THERAPEUTICS PTY LTD
2023417073	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023427990	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.
2023417097	ASTRAZENECA AB; TAKEDA PHARMACEUTICAL COMPANY LIMITED	2023428255	SUMITOMO METAL MINING CO., LTD.
2023417406	CHONGQING HAIER DRUM WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.	2023428439	LUMILEDS HOLDING B.V.
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2023417649	BEONE MEDICINES I GMBH	2023428673	V-ZUG AG
2023417850	ASTRAZENECA AB; MITSUBISHI TANABE PHARMA CORPORATION	2023428801	THE NOCO COMPANY
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2023417992	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023429527	QUALISURE DIAGNOSTICS INC.
2023418243	SPH BIOTHERAPEUTICS (SHANGHAI) LIMITED; SPH BIOTHERAPEUTICS (HK) LIMITED	2023429663	NOKIA TECHNOLOGIES OY
2023418394	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023430518	ABB SCHWEIZ AG
2023418583	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023430525	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
2023418642	KRAFT FOODS GROUP BRANDS LLC	2023431497	NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE
2023418919	IMBIORAY (HANGZHOU) BIOMEDICINE CO., LTD.	2023432371	NOKIA TECHNOLOGIES OY
2023418958	CONCEPT SAFETY SYSTEMS (HOLDINGS) PTY LTD	2023432687	CCTEG COAL MINING RESEARCH INSTITUTE
2023418985	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2023433194	ARCELORMITTAL
2023419116	DEPUY IRELAND UNLIMITED COMPANY	2023435598	HAIQU, INC.
2023419645	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023435915	AXS GROUP LLC
2023419671	DEPUY IRELAND UNLIMITED COMPANY	2023436741	FABRICATION ELCARGO INC.
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2023419860	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023439175	JFE STEEL CORPORATION
2023419902	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023440008	MITSUBISHI HEAVY INDUSTRIES, LTD.
2023420130	CORNELL UNIVERSITY	2023445357	HALLIBURTON ENERGY SERVICES, INC.
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2023420592	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2024206348	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
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2023420978	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2024206573	MERCK PATENT GMBH
2023421011	NOMONO AS	2024206743	GLYCOERA AG
2023421347	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2024206812	PRECISION BIOSCIENCES, INC.
2023421416	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2024206881	TRIUMVIRA IMMUNOLOGICS USA, INC.
2023421438	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2024206884	TK&H HOLDING AS
2023421577	DRORI, N.	2024207044	THALES DIS FRANCE SAS
2023421628	DEEPLAI PROSTA SPÓLKA AKCYJNA	2024207228	H.J. HEINZ COMPANY BRANDS LLC
		2024207537	THE POPULATION COUNCIL, INC.; THE QUEEN'S UNIVERSITY OF BELFAST; CORNELL UNIVERSITY
		2024207608	H.J. HEINZ COMPANY BRANDS LLC
		2024208104	LAVEROCK THERAPEUTICS LIMITED
		2024208248	MARSHALLTOWN COMPANY
		2024208843	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL

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2024209155	THE SCRIPPS RESEARCH INSTITUTE	2024214168	DASISIMULATIONS, LLC
2024209289	INTENSE GRIT SYSTEMS, LLC	2024214358	MATERIALS PROCESSING INSTITUTE
2024209509	ISTITUTO NAZIONALE DI FISICA NUCLEARE; PO- LITECNICO DI TORINO; UNIVERSITA' DI TRENTO; UNIVERSITY OF WOLLONGONG	2024214546	PRIME MEDICINE, INC.
2024209618	AEROFOILS GMBH	2024214584	METSO FINLAND OY
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2024209830	HELIOS PROJECT LTD.	2024214679	CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD
2024210212	SUZHOU YOUTHEN BIOTECHNOLOGY CO., LTD	2024214723	UPL MAURITIUS LIMITED; UPL EUROPE SUPPLY CHAIN GMBH
2024210492	HELIOS PROJECT LTD.	2024214736	ORTHO AI LLC
2024210529	SHANGHAI LIANGXIN ELECTRICAL CO., LTD.	2024214804	RHAPIS S.R.L.
2024210573	MORIMOTO, T.	2024214860	AKER SOLUTIONS SUBSEA AS
2024210724	POSEIDA THERAPEUTICS, INC.	2024214876	10BEAUTY, INC.
2024210768	SHARKNINJA OPERATING LLC	2024215015	BASF SE
2024210886	GRACO MINNESOTA INC.	2024215151	UJWAL INC.
2024211052	PCS HOLDING B.V.	2024215182	LUBRIZOL ADVANCED MATERIALS, INC.
2024211163	ZHEJIANG ZHENGTE CO., LTD.	2024215201	QUIP NYC, INC.
2024211168	ICS INTELLIGENT CONTROL SYSTEMS LTD OY	2024215251	ABSTRACT ICE, INC.
2024211236	MWYNGIL THERAPEUTICS, INC.	2024215528	DANIMER IPCO, LLC
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2024211458	ZHEJIANG ZHENGTE CO., LTD.	2024215627	THE UPPER DECK COMPANY
2024211577	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2024215657	VAXXAS PTY LIMITED
2024211776	WONDERLAND SWITZERLAND AG	2024215678	THALES DIS FRANCE SAS
2024211905	SUSTAINABLE ENERGY SOLUTIONS, INC.	2024215710	INVENTIO AG
2024211936	OISIN BIOTECHNOLOGIES, INC.	2024215777	XENIOM GMBH
2024211944	ORIBIOTECH LIMITED	2024215870	IDEMITSU KOSAN CO.,LTD.
2024212035	ARVINAS OPERATIONS, INC.	2024215898	KOSKA FAMILY LIMITED
2024212053	WOLFFKRAN HOLDING AG	2024215904	PDI DIGITAL GMBH
2024212125	ABBOTT DIABETES CARE INC.	2024215911	BOSTON SCIENTIFIC SCIMED, INC.
2024212157	EYEMDENGINEERING LLC	2024216008	EARTHGRID PBC
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2024212228	KENTEK CORPORATION	2024216029	DSM IP ASSETS B.V.
2024212303	BÜHLER, A.	2024216106	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
2024212330	PIC CORPORATION	2024216162	AZITRA INC
2024212346	OTHAIR PROTHENA LIMITED	2024216163	NISSAN CHEMICAL CORPORATION
2024212390	IDEMITSU KOSAN CO.,LTD.; THE UNIVERSITY OF TOKYO; KYUSHU UNIVERSITY, NATIONAL UNI- VERSITY CORPORATION	2024216203	ANGEL GROUP CO., LTD.
2024212395	EPIRIUM BIO INC.	2024216584	STRYKER CORPORATION
2024212433	VGP IPCO LLC	2024216672	WIX.COM LTD.
2024212506	GREEN REVOLUTION COOLING, INC.	2024216721	TUTCO, LLC
2024212555	ELEMENT BIOSCIENCES, INC.	2024216722	7912854 CANADA INC.
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2024213697	LYFT, INC.	2024217713	SEQIRUS INC.
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2024213775	CHAMPION LINK INTERNATIONAL CORPORATION	2024217849	SHANGHAI QILU PHARMACEUTICAL RESEARCH AND DEVELOPMENT CENTRE LTD.
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2024213862	GENENTECH, INC.; THE REGENTS OF THE UNI- VERSITY OF CALIFORNIA		
2024213957	NOVARTIS AG		
2024214040	CEPHALON LLC		

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2024218100	APOTEX INC	2024228243	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2024218358	TRANSPIRE BIO INC.	2024228313	TERUMO BCT, INC.
2024218431	PFIZER INC.	2024228323	BITDEFENDER IPR MANAGEMENT LTD
2024218499	SEQIRUS INC.	2024228473	ADAMED PHARMA S.A.
2024218585	STEPAN COMPANY	2024228532	SENS OF LIFE
2024218657	SHANGHAI QILU PHARMACEUTICAL RESEARCH AND DEVELOPMENT CENTRE LTD.	2024228666	VIVIDION THERAPEUTICS, INC.
2024218743	BETTER HORSE INC.	2024228671	EYEBIO KOREA, INC.
2024218744	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2024228742	EASTMAN CHEMICAL COMPANY
2024218868	NOKIA TECHNOLOGIES OY	2024228753	HYKSO INC.
2024218881	EVAPCO, INC.	2024228756	ZURIMED TECHNOLOGIES AG
2024218907	UNIVERSIDAD CARLOS III DE MADRID	2024228957	NOVARTIS AG
2024219094	SCOTT FETZER/CAREFREE OF COLORADO	2024229251	VANDERBILT UNIVERSITY
2024219128	IVIVA MEDICAL, INC.	2024229294	BL TECHNOLOGIES, INC.
2024219191	DISTALMOTION SA	2024229347	SUMITOMO CHEMICAL COMPANY, LIMITED
2024219286	ADL DIAGNOSTICS, INC.	2024229362	VIVIDION THERAPEUTICS, INC
2024220323	ARBOR BIOTECHNOLOGIES, INC.	2024229572	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
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2024221841	HELMHOLTZ-ZENTRUM FÜR INFECTI- TIONSFORSCHUNG GMBH; MEDIZINISCHE HOCH- SCHULE HANNOVER	2024230631	LUMENIS LTD.
2024221857	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.	2024230632	REVVITY HEALTH SCIENCES, INC.
2024221977	ABIOMED EUROPE GMBH	2024230797	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH
2024222387	FLAGSHIP PIONEERING INNOVATIONS VII, LLC	2024230907	NAPIGEN, INC.
2024222498	MALLINCKRODT PHARMACEUTICALS IRELAND LIMITED	2024230912	ZURIMED TECHNOLOGIES AG
2024222693	LUC INNOVATIONS AB; THE JOHNS HOPKINS UNI- VERSITY	2024231164	RONAWK, INC.
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2024223130	PURA SCENTS, INC.	2024231993	NANJING CHERVON INDUSTRY CO., LTD.
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2024223380	NATUS ACQUISITION II, LLC	2024232939	BOSTON SCIENTIFIC NEUROMODULATION COR- PORATION
2024223402	HYDROBE PTY LTD	2024233450	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2024223499	APPLE INC.	2024233988	BAE SYSTEMS CONTROLS INC.
2024223708	SUMITOMO CHEMICAL COMPANY, LIMITED	2024234440	KLOWEN BRACES, INC.
2024223739	TATA STEEL IJMUIDEN B.V.	2024235583	BAYER AKTIENGESELLSCHAFT
2024223859	DARÉ BIOSCIENCE, INC.	2024236048	HITACHI, LTD.
2024224038	LINDY BIOSCIENCES, INC.	2024236576	NORDEX ENERGY SPAIN, S.A.U.
2024224106	LEXMARK INTERNATIONAL, INC.	2024239007	INTEGRA BIOSCIENCES AG
2024224138	RESOLUTE SCIENCE, INC.	2024239169	HITACHI CONSTRUCTION MACHINERY CO., LTD.
2024224437	RESOLUTE SCIENCE, INC.	2024239315	ALADDIN MANUFACTURING CORPORATION
2024224464	ELI LILLY AND COMPANY	2024239386	F. HOFFMANN-LA ROCHE AG
2024224928	SAINT-GOBAIN ISOVER	2024239544	NEXT-GEN ENERGY TECHNOLOGY HOLDING PTY LTD
2024224947	MACQUARIE UNIVERSITY	2024240143	FOUR PAWS PRODUCTS, LTD.
2024225071	FACELLITATE GMBH	2024240234	ILLINOIS TOOL WORKS INC.
2024225648	HYPRED	2024240620	ANYA BIOPHARM INC; GSCHLIESSER, S.; DESAI, B.
2024225703	MICROPEP TECHNOLOGIES S.A.	2024240727	INTEGRA BIOSCIENCES AG
2024225832	ASCRIBE BIOSCIENCE INC.	2024240913	MITSUBISHI CHEMICAL CORPORATION
2024225975	CEPHEID	2024240934	ANYA BIOPHARM INC; GSCHLIESSER, S.; DESAI, B.
2024226133	RECKITT BENCKISER FINISH B.V.	2024241134	FUJIKURA LTD.
2024226158	VOLASTRA THERAPEUTICS, INC.	2024241503	HELMHOLTZ ZENTRUM MÜNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FÜR GESUNDHEIT UND UMWELT (GMBH); TECHNISCHE UNIVERSITÄT MÜNCHEN, IN VERTRETUNG DES FREISTAATES BAYERN; UNIVERSITÄTSKLINIKUM HAMBURG-EP-
2024226179	EQUASHIELD MEDICAL LTD		
2024226284	UNIVERSITY OF SOUTHERN CALIFORNIA		
2024226287	GRAPHIC PACKAGING INTERNATIONAL, LLC		
2024226393	SIEMENS GAMESA RENEWABLE ENERGY A/S		
2024226512	MICROPEP TECHNOLOGIES S.A.		

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	PENDORF; ALBERT-LUDWIGS-UNIVERSITÄT FREIBURG
2024241965	ALCON INC.
2024242633	ALCON INC.
2024243412	HEIDELBERG MATERIALS AG
2024243677	SIKA TECHNOLOGY AG
2024243812	ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO.LTD OF CHALCO
2024244500	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2024246486	ECOLAB USA INC.
2024247187	FUJITSU GENERAL LIMITED
2024248582	UNIVERSITÉ DE CAEN NORMANDIE; ECOLE NA- TIONALE SUPÉRIEURE D'INGÉNIEURS DE CAEN; CENTRE NATIONAL DE LA RECHERCHE SCIENTI- FIQUE
2024250756	PNB VESPER LIFE SCIENCE PVT LIMITED
2024253789	EVE STREET DESIGNS PTY LTD.
2024254218	INDUSTRIE DE NORA S.P.A.
2024254574	SAINT-GOBAIN GLASS FRANCE
2024257364	EMORY UNIVERSITY
2024258000	F. HOFFMANN-LA ROCHE AG
2024258024	CENTRE NATIONAL DE LA RECHERCHE SCIENTI- FIQUE; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE; UNIVERSITE COTE D'AZUR
2024258982	YARA INTERNATIONAL ASA
2024261400	THORN LIGHTING LIMITED
2024264255	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024266148	CJ CHEILJEDANG CORPORATION
2024271360	LUMSDEN, C.I.; LUMSDEN, R.J.
2024276972	WEIR MINERALS NETHERLANDS B.V.
2024277143	ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO.LTD OF CHALCO
2024278389	LEPRO INNOVATION HOLDING LIMITED
2024282699	CATERPILLAR INC.
2024285623	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2024290935	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024299389	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2024301470	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2024302303	HITACHI, LTD.
2024306220	PRING, G.H.
2024309012	COOPERVISION INTERNATIONAL LIMITED
2024335458	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024347763	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2024347765	SEKISUI HOUSE, LTD.
2024357303	BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.
2024370492	ASADA LADIES CLINIC; ASTEC CO., LTD.
2024372142	TONGWEI SOLAR (CHENGDU) CO., LTD.
2024375952	RHODIA BRASIL S.A.
2024409601	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024416009	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024417777	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024417779	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024417780	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024417781	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2025203250	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2025205537	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.

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				2024226179	2024213695
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	2024215015	2023415386	2024212125	2023416454	2024206743
<u>A01K 13 /-</u>	<u>A23C 9 /-</u>	2023415775	2024213713	2023416871	2024210212
2024240143		2023415870	2024217011	2023417850	2024211936
	2024246486	2023416496	2024219286	2023420130	2024213347
<u>A01K 81 /-</u>	<u>A23G 1 /-</u>	2023417073	2024220683	2023427940	2024215182
2024223010		2023417604	2024222498	2024207537	2024216162
	2024228052	2023417947	2024347765	2024209155	2024217925
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2023421577	<u>A23G 3 /-</u>	2023418394		2024211323	2024221414
		2023418583	2023419671	2024212035	2024224437
<u>A01M 29 /-</u>		2023419645	2024218009	2024212395	2024224464
2024212330		2023419675	2024230912	2024213283	2024228671
	<u>A23K 20 /-</u>	2023419860	<u>A61C 13 /-</u>	2024213348	2024240620
<u>A01N 25 /-</u>		2023419902		2024213586	2024240934
2024212330		2023420592	2024234440	2024213695	
	<u>A23K 50 /-</u>	2023420644	<u>A61C 17 /-</u>	2024213957	<u>A61K 39 /-</u>
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2024225703		2023422018	2023422659	2024215598	2023418243
2024229347		2024206348	2024215201	2024215777	2024206812
2024266148	<u>A23L 2 /-</u>	<u>A47L 15 /-</u>	<u>A61C 7 /-</u>	2024216029	2024206881
				2024216901	2024211311
<u>A01N 41 /-</u>		2023428673	<u>A61C 9 /-</u>	2024217056	2024212346
2024214723	<u>A23L 33 /-</u>	<u>A47L 5 /-</u>		2024217417	2024212695
			2024234440	2024217601	2024213610
<u>A01N 43 /-</u>		2023417947	<u>A61C 13 /-</u>	2024217713	2024214040
2024225703	<u>A23L 2 /-</u>	<u>A47L 9 /-</u>		2024217904	2024217257
2024229347			2024234440	2024218100	2024217436
	<u>A23L 33 /-</u>	2023417073	<u>A61F 13 /-</u>	2024218585	2024217849
2024214723		2023417947		2024220563	2024218431
2024215015	<u>A41D 19 /-</u>	2023421416	2023415987	2024221841	2024218499
2024229347		<u>A61B 1 /-</u>	<u>A61F 2 /-</u>	2024223250	2024218657
	<u>A44C 27 /-</u>			2024223859	2024233450
<u>A01N 47 /-</u>		2023422659	2023415703	2024224038	202421503
2024212630		<u>A61B 10 /-</u>	2024225832	2024224138	2024257364
2024229347	<u>A45D 24 /-</u>		2023415703	2024225832	
		2023420186	2024226158	2024226158	<u>A61K 45 /-</u>
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2024214723	<u>A45D 29 /-</u>		2024219128	2024228666	2024223859
		2024212157	2024230912	2024228957	2024224437
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2024214723	<u>A45D 34 /-</u>	2024215657	2024242633	2024229362	
		2024228756	<u>A61F 5 /-</u>	2024229746	<u>A61K 47 /-</u>
<u>A01P 15 /-</u>		2024230912		2024229817	2023414458
2024225703		2024232532	2023424123	2024229868	2023415591
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<u>A01P 17 /-</u>			2023424766	2024250756	2023418919
2024212330	<u>A46B 7 /-</u>	2024218009	<u>A61F 6 /-</u>	2024258000	2024215182
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	<u>A47G 29 /-</u>		<u>A61J 1 /-</u>	2024214679	2024217904
<u>A01P 21 /-</u>		2023419116		<u>A61K 35 /-</u>	2024218499
2024266148		2023419671	2024215898		2024224038
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		2024216584		2023418919	2024224437
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2024210212		2024228671	2024221414		
2024213347	<u>A61M 37 /-</u>	2024258024	2024228666	<u>B01D 65 /-</u>	<u>B01L 3 /-</u>
2024239386	2024215657	<u>A61P 29 /-</u>	2024229362	2024246486	2024215528
<u>A61K 49 /-</u>	<u>A61M 39 /-</u>	2023417850	2024229817		2024219286
2024248582	2023422659	2023427940	2024229868	<u>B01D 67 /-</u>	2024239007
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2024221528	<u>A61M 5 /-</u>	2024217925	2024224038	<u>B01D 69 /-</u>	2024215528
<u>A61K 8 /-</u>	2024226179	2024220485	2024229746	2024219128	2024240727
2023315845	<u>A61M 60 /-</u>	2024233450	<u>A61P 5 /-</u>	<u>B01F 23 /-</u>	<u>B02C 21 /-</u>
2024215182		2024258000	2023415591	2024210768	2024214584
2024216029	2024221977	2024210724	2024219128	<u>B01F 31 /-</u>	<u>B03C 1 /-</u>
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2024240934	2023416744	2024220485	<u>A61P 9 /-</u>	<u>B01F 33 /-</u>	<u>B03C 7 /-</u>
<u>A61K 9 /-</u>	<u>A61P 1 /-</u>	2024258000	2023427940	2024210768	2024214358
2023415591	2024212395	2024211236	2024206573	<u>B01F 35 /-</u>	<u>B03D 1 /-</u>
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2024209721	2024217417	2024213610	2024212395	<u>B01J 13 /-</u>	<u>B05B 1 /-</u>
2024210724	<u>A61P 11 /-</u>	2024213695	2024228957	2024210768	2024210886
2024211936	2024258000	2024218431	2024258000	<u>B01J 19 /-</u>	<u>B05B 12 /-</u>
2024213695	<u>A61P 13 /-</u>	2024218499	<u>A61Q 1 /-</u>	2024216163	<u>B05B 15 /-</u>
2024214679	2023427940	2024221841	2023315845	2024258982	2024210886
2024215182	<u>A61P 15 /-</u>	2024229868	2024215182	<u>B01J 20 /-</u>	<u>B05D 3 /-</u>
2024216901	2024207537	2024241503	<u>A61Q 19 /-</u>	2023428255	2024213446
2024217601	2024223859	<u>A61P 35 /-</u>	2023315845	2024248582	<u>B05D 5 /-</u>
2024218100	2024223859	2023414182	2024215182	<u>B01J 23 /-</u>	2024213446
2024218499	<u>A61P 17 /-</u>	2023414458	<u>A63B 24 /-</u>	2024223708	<u>B07B 1 /-</u>
2024220485	2024212395	2023416454	2024228753	<u>B01J 3 /-</u>	2024214584
2024221303	2024229362	2023416871	<u>A63F 1 /-</u>	2024229891	<u>B07C 5 /-</u>
2024222387	<u>A61P 19 /-</u>	2023418243	2024216203	<u>B01J 31 /-</u>	2024228128
2024223859	2024217925	2023418919	<u>B01D 19 /-</u>	2024212390	<u>B22F 1 /-</u>
2024224038	<u>A61P 21 /-</u>	2023427940	2024211577	<u>B01J 37 /-</u>	2024209289
2024226158	2024206573	2024206881	<u>B01D 29 /-</u>	2024223708	<u>B22F 9 /-</u>
2024228473	2024208843	2024209155	2023420644	<u>B01J 4 /-</u>	2024210492
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2024258000	2023417097	2024212346	2024212035	2024258982	2024212125
<u>A61L 27 /-</u>	2024212346	2024212395	<u>B01D 19 /-</u>	<u>B01J 6 /-</u>	<u>B23Q 1 /-</u>
2024219128	2024217925	2024217925	2024211577	2024229891	2024226179
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<u>A61M 15 /-</u>	2023417097	2024218657	<u>B01D 35 /-</u>		
2024218358	2024212346	2024221528	2023420644		
2024235583	2024208843	2024221528	<u>B01D 61 /-</u>		
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2024222498	2024212346	2024224437	2024229294		
<u>A61M 25 /-</u>	2024212395	2024226158			
2024214677	2024217925	2024226284			
	2024220323	2024228666			
	2024220563	2024229362			
	2024223250	2024229746			
	2024228473	2024229817			
	2024229251	2024229868			
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2024208248	2024215251	<u>B60L 53 /-</u>	<u>B62D 33 /-</u>	<u>B65D 90 /-</u>	2024277143
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2024208248	2024228742	<u>B60M 5 /-</u>	<u>B63B 1 /-</u>	<u>B65H 16 /-</u>	2024224947
			2024209618		
<u>B24C 3 /-</u>	<u>B29D 11 /-</u>	2024213322		2024219094	<u>C02F 1 /-</u>
2024209289	2024212228	<u>B60N 2 /-</u>	<u>B63B 32 /-</u>	<u>B66B 1 /-</u>	2024258982
			2024209618		
<u>B24C 9 /-</u>	<u>B29D 28 /-</u>	2024211776		2024215710	<u>C02F 101 /-</u>
2024209289	2024229784	2024218083	<u>B63G 8 /-</u>	<u>B66C 1 /-</u>	2024229294
			2024244500		
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	<u>B32B 21 /-</u>			2024212433	<u>C03C 3 /-</u>
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2023418394	2024213775	2024417779	2024217427	2024214358	
2023418583	2024229784	2024417780			<u>C04B 35 /-</u>
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2023415775		2024417781	<u>B65D 43 /-</u>	<u>C01B 32 /-</u>	
2023418394	<u>B41J 3 /-</u>	<u>B60W 40 /-</u>			<u>C05C 1 /-</u>
2023419675			2024207228	2024214358	
2023419902	2024214876	2023430518	2024207608	2024229891	
<u>B25J 19 /-</u>	<u>B60H 3 /-</u>	2024409601	<u>B65D 47 /-</u>	<u>C01B 33 /-</u>	2024258982
		2024417777			
2023419675	2023428439	2024417780	2024207228	2024216163	<u>C05C 11 /-</u>
2024219191		<u>B60W 60 /-</u>	2024207608	<u>C01B 39 /-</u>	2024266148
	<u>B60K 1 /-</u>				
<u>B25J 9 /-</u>		2024213697	<u>B65D 5 /-</u>	2024248582	<u>C07C 13 /-</u>
	2024282699				
2023415775		<u>B61L 15 /-</u>	2024226733	<u>C01C 1 /-</u>	2024217462
2023418583	<u>B60K 35 /-</u>		<u>B65D 51 /-</u>		<u>C07C 211 /-</u>
2023421416		2024217718		2024212390	2024218499
	2024216106		2024207228	2024258982	
			2024207608		

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<u>C07C 219 I/-</u>	<u>C07D 265 I/-</u>	<u>C07D 417 I/-</u>	<u>C07H 1 I/-</u>	<u>C08J 11 I/-</u>	<u>C12M 3 I/-</u>
2024210724	2024222387	2024215777	2024218585		2024231164
2024218499	<u>C07D 305 I/-</u>	2024221841		2024375952	2024370492
<u>C07C 229 I/-</u>		2024228957	<u>C07H 15 I/-</u>		
	2024222387	2024229251		<u>C08J 5 I/-</u>	<u>C12N 1 I/-</u>
2024210724		2024229868	2024218585		
2024222387	<u>C07D 307 I/-</u>	<u>C07D 471 I/-</u>	2024225832	2024226133	2024213610
					2024215611
	2024222387		<u>C07H 21 I/-</u>	<u>C08K 3 I/-</u>	2024216162
<u>C07C 235 I/-</u>		2023414182			2024223402
	<u>C07D 309 I/-</u>	2023417649	2024208843	2023415350	
2023427940		2023417850			<u>C12N 15 I/-</u>
		2024212395	<u>C07K 1 I/-</u>	<u>C08L 63 I/-</u>	
<u>C07C 57 I/-</u>	2023417850	2024213283			2023418243
	2024222387	2024213586	2024206486	2024243677	2024206538
		2024228666			2024206573
2024218100	<u>C07D 319 I/-</u>	2024228957	<u>C07K 14 I/-</u>	<u>C08L 67 I/-</u>	2024206812
		2024229251			2024206881
<u>C07C 65 I/-</u>	2024222387	2024229746	2024206538	2024215528	2024208104
			2024206881		2024208843
2023417850	<u>C07D 401 I/-</u>	<u>C07D 487 I/-</u>	2024212695	<u>C08L 9 I/-</u>	2024210212
			2024213347		2024210724
<u>C07D 207 I/-</u>	2024211236		2024213498	2023415350	2024211936
	2024213283	2024212395	2024213610		2024211944
2024250756	2024215777	2024213348	2024217257	<u>C09D 1 I/-</u>	2024213347
	2024217056	2024213586	2024217925		2024213498
<u>C07D 209 I/-</u>	2024228957	2024215598	2024218431	2024243812	2024213610
	2024229251	2024215777	2024221414		2024213957
2024229251	2024229746	2024218100	2024225703	<u>C09D 163 I/-</u>	2024214546
	2024229868	2024229251	2024226512		2024216162
<u>C07D 211 I/-</u>	2024258024	<u>C07D 491 I/-</u>	2024240620	2024243677	2024217436
			2024240934		2024217462
2024217713	<u>C07D 403 I/-</u>			<u>C09D 5 I/-</u>	2024217713
2024229362		2024209155	<u>C07K 16 I/-</u>		2024218431
2024229817	2023414182	2024228957		2024243812	2024220323
	2023416871	2024229251	2023416454	<u>C09J 163 I/-</u>	2024225703
<u>C07D 213 I/-</u>	2024211236	<u>C07D 493 I/-</u>	2023417097		2024226512
	2024213283		2023418243	2024243677	2024230907
2023417850	2024215777	2024232806	2024206486		2024239386
<u>C07D 215 I/-</u>	2024228666		2024206881	<u>C09K 8 I/-</u>	2024257364
	2024228957	<u>C07D 495 I/-</u>	2024211311		
2024229746	2024229251		2024212346	2024216163	<u>C12N 5 I/-</u>
	2024229868	2024213348	2024212695		2023414458
<u>C07D 221 I/-</u>	<u>C07D 405 I/-</u>	2024229251	2024214040	<u>C10B 57 I/-</u>	2023416904
		2024229746	2024217436		2023418919
2024229746		<u>C07D 497 I/-</u>	2024217849	2023439175	2024210212
	2023417850		2024217925	<u>C10K 3 I/-</u>	2024211944
<u>C07D 231 I/-</u>	2024212395	2024229251	2024218657		2024225071
	2024215777	<u>C07D 498 I/-</u>	2024227909	2024230224	2024231164
2024212395	2024217056		2024233450		
<u>C07D 233 I/-</u>	2024228957		2024257364	<u>C10L 11 I/-</u>	<u>C12N 9 I/-</u>
	2024229251	2023414182			
2024232806	2024229746	2024229746	<u>C07K 19 I/-</u>	2024218743	2024206486
	2024229868	2024258000			2024206743
<u>C07D 237 I/-</u>	<u>C07D 407 I/-</u>	<u>C07D 513 I/-</u>	2024206881	<u>C11D 3 I/-</u>	2024206812
			2024210212		2024213347
2023417850	2023416454	2024229746	<u>C08F 301 I/-</u>	2023428673	2024216029
2024211236					2024220323
<u>C07D 239 I/-</u>	<u>C07D 409 I/-</u>	<u>C07D 519 I/-</u>	2024213862	<u>C11D 7 I/-</u>	2024224038
					2024225703
2024228957	2024215777	2023417649	<u>C08F 8 I/-</u>	2023428673	2024225975
	2024217056	2024212035		<u>C12M 1 I/-</u>	2024229999
<u>C07D 241 I/-</u>	2024229251	2024212395	2024225071		2024230907
	2024229868	2024213348		2023420643	
2024215777	<u>C07D 413 I/-</u>	2024258000	<u>C08G 59 I/-</u>	2024211944	<u>C12P 13 I/-</u>
2024222387				2024212555	
	2024213283	<u>C07F 9 I/-</u>	2024243677	2024223402	2024240913
<u>C07D 249 I/-</u>	2024217056		<u>C08G 63 I/-</u>	2024225071	
	2024221841	2024222387		2024228313	<u>C12P 19 I/-</u>
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2024225703	2024210492	<u>D06F 51 /-</u>	2024271360	2024214804	<u>F17C 13 /-</u>
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2024213498	<u>C22B 5 /-</u>	<u>D06F 58 /-</u>	2024271360	2024228243	2024217363
2024216029	2024209830	2023424168	<u>E05B 9 /-</u>	<u>F02N 11 /-</u>	2024218744
<u>C12P 7 /-</u>	2024210492	<u>E01F 13 /-</u>	2024230339	<u>F02N 11 /-</u>	<u>F17C 3 /-</u>
2024218585	<u>C22B 7 /-</u>	2024217185	<u>E06B 9 /-</u>	2023428801	2024218744
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2024213465	<u>C22B 9 /-</u>	2024217185	<u>E21B 17 /-</u>	2024226393	2024212330
2024213547	2024216025	<u>E02B 3 /-</u>	2023431497	<u>F03D 13 /-</u>	<u>F21S 8 /-</u>
2024224464	<u>C22C 3 /-</u>	2024229784	2023445357	2024236576	2024261400
2024225648	2024216025	<u>E02D 13 /-</u>	2024214860	<u>F03D 80 /-</u>	<u>F21V 15 /-</u>
2024225975	<u>C22C 33 /-</u>	2024210573	<u>E21B 19 /-</u>	2024226393	2024261400
2024226284	2024216025	<u>E02D 17 /-</u>	2023445578	<u>F03D 9 /-</u>	<u>F21V 21 /-</u>
2024230052	<u>C22C 5 /-</u>	2024229784	<u>E21B 33 /-</u>	2024285623	2024261400
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2024223402	<u>C25B 1 /-</u>	2024210573	<u>E21B 43 /-</u>	2023430525	2024218743
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<u>C21B 15 /-</u>	2024215870	2024276972	<u>E21B 49 /-</u>	2024276972	2024218743
2024210492	2024254218	<u>E02F 9 /-</u>	2023445357	<u>F04B 49 /-</u>	<u>F23Q 3 /-</u>
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<u>C21C 1 /-</u>	<u>C25C 3 /-</u>	2024306220	2023432687	<u>F16B 19 /-</u>	<u>F24C 7 /-</u>
2024216025	2024210492	<u>E04B 9 /-</u>	2024216008	2023425964	2024240234
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2024223739	<u>C25C 7 /-</u>	<u>E04D 13 /-</u>	2024276972	2023426998	2024212303
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2024210492	2023424168	2024306220	<u>F01K 13 /-</u>	<u>F16K 11 /-</u>	<u>F24H 9 /-</u>
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2024210492	2024253789	2024211458	<u>F02B 47 /-</u>	<u>F16K 15 /-</u>	<u>F25C 1 /-</u>
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Applications Accepted

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- (71) 2MT Mining Products Pty Ltd
(11) AU-B-2024202175
(21) 2024202175 (22) 04.04.2024
(54) PROTECTION SYSTEMS
(51) Int. Cl.
E02F 9/28 (2006.01)
B65G 11/16 (2006.01)
(43) 02.05.2024
(44) 14.08.2025
(62) 2020317370
(72) SENANAYAKE, Mahinda Palitha
(74) Ahearn Fox
-
- (71) 3M Innovative Properties Company
(11) AU-B-2024210997
(21) 2024210997 (22) 20.08.2024
(54) Kits, assemblies and methods for suspending objects from ceilings
(51) Int. Cl.
F16B 45/00 (2006.01)
A47G 1/16 (2006.01)
(31) 63/533942 (32) 22.08.23 (33) US
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(44) 14.08.2025
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(11) AU-B-2022401750
(21) 2022401750 (22) 09.11.2022
(54) PYRAZOLE DERIVATIVE, AND PREPARATION METHOD THEREFOR AND USE THEREOF IN MEDICINE
(51) Int. Cl.
C07D 237/32 (2006.01)
A61K 31/502 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
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C07D 471/04 (2006.01)
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C07D 498/04 (2006.01)
(87) WO2023/098439
(31) 202111441550.3 (32) 30.11.21 (33) CN
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(43) 08.06.2023
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(72) DENG, Haibing; YANG, Fei; ZHU, Wei; LIU, Xiaofeng; LIU, Jian; LI, Mingfeng; LIU, Zhaomin; YING, Haiyan; YU, Hongping; CHEN, Zhui; XU, Yaochang
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Abbott Diabetes Care Inc.
(11) AU-B-2023266371
(21) 2023266371 (22) 17.11.2023
(54) System, device and method of dynamic glucose profile response to physiological parameters
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- (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
H04M 1/725 (2021.01)
(43) 07.12.2023
(44) 14.08.2025
(62) 2021245245
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(74) FPA Patent Attorneys Pty Ltd
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- (71) ABB SCHWEIZ AG
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G06Q 10/06 (2023.01)
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G01S 13/86 (2006.01)
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H04L 43/0805 (2022.01)
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C12N 5/10 (2006.01)
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G06N 3/0464 (2023.01)
G06T 9/00 (2006.01)
H04N 19/196 (2014.01)
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H01B 1/02 (2006.01)

H01B 1/12 (2006.01)

H01G 9/20 (2006.01)

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H01L 21/00 (2006.01)

H05K 1/02 (2006.01)

H05K 3/00 (2006.01)

H10K 30/81 (2023.01)

H10K 71/60 (2023.01)

H10K 71/80 (2023.01)

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B01D 46/12 (2022.01)

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(21) 2021358924 (22) 05.10.2021

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(51) Int. Cl.

C23F 11/00 (2006.01)

C23F 14/02 (2006.01)

C23G 5/024 (2006.01)

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(51) Int. Cl.

A47K 3/022 (2006.01)

A61H 9/00 (2006.01)

A61H 35/00 (2006.01)

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A61F 5/44 (2006.01)

A61F 5/445 (2006.01)

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A61F 13/00 (2006.01)

A61F 13/02 (2006.01)

A61M 1/00 (2006.01)

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A61K 9/48 (2006.01)

A61J 3/07 (2006.01)

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A61K 45/06 (2006.01)

A61K 47/10 (2017.01)

A61K 47/32 (2006.01)

A61K 47/44 (2017.01)

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B41M 3/14 (2006.01)

B42D 25/00 (2014.01)

B42D 25/30 (2014.01)

B42D 25/40 (2014.01)

D21H 21/40 (2006.01)

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B66F 9/075 (2006.01)

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A01K 67/027 (2006.01)

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B01L 3/00 (2006.01)
G01N 35/00 (2006.01)
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E05D 3/16 (2006.01)
E05F 1/12 (2006.01)
E05F 5/02 (2006.01)
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B82B 3/00 (2006.01)
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C01B 32/15 (2017.01)

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C07C 231/12 (2006.01)
A61K 31/4745 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07C 233/15 (2006.01)
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C07D 491/22 (2006.01)
C07K 7/06 (2006.01)
C07K 16/00 (2006.01)
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C07B 61/00 (2006.01)
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B05B 7/00 (2006.01)
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G01S 17/894 (2020.01)
G06F 3/01 (2006.01)
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A61B 17/16 (2006.01)
A61F 2/46 (2006.01)
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H04W 28/12 (2009.01)
H04W 8/22 (2009.01)
H04W 28/02 (2009.01)
H04W 4/70 (2018.01)
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A61K 9/127 (2006.01)
A61P 31/04 (2006.01)
C12N 15/113 (2010.01)
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B01D 35/30 (2006.01)
B01D 27/08 (2006.01)
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E06B 3/90 (2006.01)
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G01N 25/18 (2006.01)
A62B 7/14 (2006.01)
G01N 7/00 (2006.01)
G01N 9/00 (2006.01)
G01N 11/00 (2006.01)
G01N 21/00 (2006.01)
G01N 21/3504 (2014.01)
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G01N 33/00 (2006.01)
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A61B 1/005 (2006.01)
A61B 1/00 (2006.01)
A61B 1/008 (2006.01)
A61B 1/01 (2006.01)
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A61F 2/28 (2006.01)
A61F 2/02 (2006.01)
A61L 27/00 (2006.01)
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H04R 25/00 (2006.01)
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G01N 1/20 (2006.01)
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A01M 1/04 (2006.01)
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 (43) 15.06.2023
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A61B 5/0215 (2006.01)
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F21S 4/28 (2016.01)
F21K 9/20 (2016.01)
F21V 15/01 (2006.01)
F21V 29/74 (2015.01)
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A63B 31/00 (2006.01)
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D06F 31/00 (2006.01)
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H05B 6/06 (2006.01)
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A47L 15/44 (2006.01)
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(72) Kristian REUNANEN
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(51) Int. Cl.
F25D 25/02 (2006.01)
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F25D 23/02 (2006.01)
F25D 23/12 (2006.01)
F25D 27/00 (2006.01)
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(74) Halfords IP

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A61K 31/198 (2006.01)

A61K 31/472 (2006.01)
A61P 25/16 (2006.01)
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(31) 63/158,460 (32) 09.03.21 (33) US
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(54) Taste masked compositions of 2,4,6-trifluoro- N-[6-(1-methylpiperidine-4-carbonyl)-pyridin-2-yl]-benzamide hemisuccinate, and orally disintegrating tablet comprising the same"
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A61K 9/20 (2006.01)
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(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/506 (2006.01)
A61K 31/565 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
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C07D 207/08 (2006.01)
A61K 31/4025 (2006.01)
A61P 9/00 (2006.01)
C07D 401/06 (2006.01)
C07D 401/10 (2006.01)
C07D 401/14 (2006.01)

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C07D 411/12 (2006.01)
C07D 413/10 (2006.01)
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A61K 31/506 (2006.01)
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H01B 7/00 (2006.01)
H01B 7/30 (2006.01)
H02J 7/00 (2006.01)
H02H 7/16 (2006.01)
H02H 9/04 (2006.01)
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A61K 45/06 (2006.01)
A61P 17/04 (2006.01)
A61P 29/00 (2006.01)
A61P 37/02 (2006.01)
C07C 15/12 (2006.01)
C07D 213/00 (2006.01)
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A01N 25/26 (2006.01)
A01N 43/80 (2006.01)
A61P 33/14 (2006.01)
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H05B 6/48 (2006.01)
A23L 5/10 (2016.01)
A47J 37/12 (2006.01)

F24C 7/02 (2006.01)
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A61B 5/055 (2006.01)
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B01D 27/08 (2006.01)
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B65G 13/071 (2006.01)
B65G 13/11 (2006.01)
B65G 23/24 (2006.01)
B65G 43/00 (2006.01)
B65G 47/26 (2006.01)
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F16H 55/30 (2006.01)
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F16L 55/165 (2006.01)
B29C 55/30 (2006.01)
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B32B 1/08 (2006.01)
F16L 9/147 (2006.01)
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B03D 1/14 (2006.01)
B01F 23/231 (2022.01)
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E04B 1/82 (2006.01)
E04B 2/00 (2006.01)
E04C 2/284 (2006.01)
E04C 2/292 (2006.01)
E04C 2/34 (2006.01)
E04C 2/38 (2006.01)
E04C 2/52 (2006.01)
E04H 1/12 (2006.01)
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(51) Int. Cl.
G10L 19/16 (2013.01)
G10L 19/22 (2013.01)
(43) 28.03.2024
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(62) 2022201458
(72) NEUENDORF, Max; FELIX, Matthias; HILDENBRAND, Matthias; SCHUSTER, Lukas; HOFMANN, Ingo; HERRMANN, Bernd; RETTELACH, Nikolaus
(74) Griffith Hack

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(54) Audio decoder, audio encoder, method for providing a decoded audio signal, method for providing an encoded audio signal, audio stream, audio stream provider and computer program using a stream identifier
(51) Int. Cl.
G10L 19/16 (2013.01)
G10L 19/22 (2013.01)
(43) 28.03.2024
(44) 14.08.2025
(62) 2022201458
(72) NEUENDORF, Max; FELIX, Matthias; HILDENBRAND, Matthias; SCHUSTER, Lukas; HOFMANN, Ingo; HERRMANN, Bernd; RETTELACH, Nikolaus
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(51) Int. Cl.

G10L 19/16 (2013.01)

G10L 19/22 (2013.01)

(43) 28.03.2024

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(21) 2020286973 (22) 08.06.2020

(54) Medical packaging in the form of an infusion bag and method for transferring liquid from a vial to an infusion bag

(51) Int. Cl.

A61J 1/20 (2006.01)

A61J 1/10 (2006.01)

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F02C 6/16 (2006.01)
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 C12Q 1/68 (2018.01)
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 A61K 47/68 (2017.01)
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C25B 11/031 (2021.01)
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F21V 23/02 (2006.01)
H02J 50/10 (2016.01)
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F21V 23/04 (2006.01)
G01F 23/26 (2006.01)
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A61K 9/16 (2006.01)
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C07D 209/08 (2006.01)
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H04W 48/12 (2009.01)
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H04W 40/24 (2009.01)

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G06F 30/28 (2020.01)
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D06F 58/10 (2006.01)
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H02K 1/27 (2022.01)
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D06F 58/24 (2006.01)
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C07C 29/143 (2006.01)

C07C 35/52 (2006.01)

C07C 209/10 (2006.01)

C07C 215/70 (2006.01)

C07D 311/58 (2006.01)

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A61K 31/704 (2006.01)

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A61K 47/24 (2006.01)

A61K 47/26 (2006.01)

A61L 31/04 (2006.01)

C08G 18/10 (2006.01)

C08G 18/22 (2006.01)

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A61K 36/06 (2006.01)
A61P 37/08 (2006.01)
A61Q 19/00 (2006.01)
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B01D 53/047 (2006.01)
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F02C 3/22 (2006.01)
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A61B 50/30 (2016.01)
A61B 1/012 (2006.01)
A61B 90/70 (2016.01)
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H02H 7/26 (2006.01)
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H02J 3/00 (2006.01)
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C08J 5/04 (2006.01)
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B67D 7/06 (2010.01)
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C07D 487/04 (2006.01)
A61K 31/60 (2006.01)
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SLAG PHASE AFTER REMOVING
IRONALUMINUM-CHROMIUM FROM
LEACHING SOLUTION OF LATERITE
NICKEL ORE
(51) Int. Cl.
C22B 7/04 (2006.01)
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Rizky; AJI, Tegar Mukti; RAHMADI, Pi-
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A61M 11/04 (2006.01)
A24F 47/00 (2020.01)
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and methods

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A61P 25/36 (2006.01)
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B28B 11/24 (2006.01)
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plant samples
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C12N 15/09 (2006.01)
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C12N 15/09 (2006.01)
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C07K 16/28 (2006.01)
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A61K 51/10 (2006.01)
G01N 33/53 (2006.01)
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A61K 47/68 (2017.01)
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G01D 5/14 (2006.01)
G01P 3/481 (2006.01)
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C08K 3/28 (2006.01)
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G10L 15/04 (2013.01)
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A61B 17/072 (2006.01)
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A61K 31/4035 (2006.01)
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A61P 35/00 (2006.01)
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C10L 1/32 (2006.01)
C10L 10/02 (2006.01)
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H05K 7/14 (2006.01)
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G01G 19/02 (2006.01)
G01G 19/03 (2006.01)
G07C 5/00 (2006.01)
G08C 17/00 (2006.01)
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(11) AU-B-2022445874
(21) 2022445874 (22) 10.03.2022
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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2018214223	Amgen Research (Munich) GmbH; Amgen Inc.		
2018247282	Aristocrat Technologies Australia Pty Limited		
2018267684	Casey, J.		
2018307744	Regeneron Pharmaceuticals, Inc.	2019317696	Calmettes; Centre National de la Recherche Scientifique - CNRS -
2018321335	Biogen MA Inc.	2019317789	Zhejiang Hygeiencells Biomedical Co. Ltd
2018329190	Arrowhead Pharmaceuticals, Inc.		Oxford University Innovation Limited; United Kingdom Research and Innovation
2018337960	Neximmune, Inc.	2019319976	Regenxbio Inc.
2018338441	Memorial Sloan Kettering Cancer Center	2019321819	Fisher & Paykel Healthcare Limited
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2018354295	Accelaron Pharma Inc.	2019326533	Progress Rail Services Corporation
2018357984	Philikos B.V.	2019332942	Ecolab USA Inc.
2018361430	Chugai Seiyaku Kabushiki Kaisha	2019332947	Cirkul, Inc.
2018362747	HuBit Genomix, Inc.; National Center for Child Health and Development; Ishizaka, Y.	2019335383	Puff Corporation
		2019336148	Momenta Pharmaceuticals, Inc.
		2019336424	Changchun Meihe Science and Technology Development Co., Ltd.
2018380582	Intervet International B.V.		
2018387755	International N&H Denmark ApS	2019336609	Caterpillar Global Mining LLC
2018392233	International N&H Denmark ApS	2019337806	ANBITION s.r.l.
2018392697	Genzyme Corporation	2019338311	Enviroeye LLC
2018397752	Mallinckrodt Pharmaceuticals Ireland Limited	2019339439	Mansell, J.
2018415814	Iovance Biotherapeutics, Inc.	2019340465	ANBITION s.r.l.
2018418039	Colebrook Bosson & Saunders (Products) Limited	2019341540	Koninklijke Philips N.V.
2019200784	Efficient Lighting Systems Pty. Ltd.	2019341541	Koninklijke Philips N.V.
2019209792	University of North Texas Health Science Center at Fort Worth	2019343305	Herting, T.
		2019343956	Graytee, A.
2019211035	Universidade NOVA de Lisboa; Instituto Português de Oncologia do Porto FG,EPE; Helmholtz-Zentrum Dresden-Rossendorf - Institute of Radiopharmaceutical Cancer Research	2019344887	Mauser-Werke GmbH
		2019345229	MasterCard International Incorporated
2019215191	University of Washington	2019346007	Société des Produits Nestlé S.A.
2019216873	Imugene Limited	2019348534	Inotrem
2019217584	Ablynx NV	2019351824	Gen-Probe Incorporated
2019218892	Regeneron Pharmaceuticals, Inc.	2019352571	Ajinomoto Co., Inc.
2019220739	Arrowhead Pharmaceuticals, Inc.	2019352875	Takeda Pharmaceutical Company Limited
2019226191	O'Keeffe, W.; Ross, S.	2019352896	Capital One Services, LLC
2019227860	One Health Ventures Ltd	2019355136	Promega Corporation
2019234918	Research Institute at Nationwide Children's Hospital	2019358240	Glasport Bio Limited
2019237926	Crystal Bioscience Inc.	2019358442	Numab Therapeutics AG
2019238322	IDEXX Laboratories, Inc.	2019361136	Nova Southeastern University
2019249812	CircSaw Technologies LLC	2019362619	Arkema France; Pyrovac
2019250113	DAICEL CORPORATION	2019362670	Unifor S.p.A.
2019252672	Board of Regents, The University of Texas System	2019364978	Evelyn Ford, Inc.
2019253700	Allen Institute; Seattle Children's Hospital d/b/a Seattle Children's Research Institute	2019366155	ADAMA Australia Pty Ltd
		2019369192	United Kingdom Research and Innovation
2019254701	Association Française contre les Myopathies (AFM); Fondazione Telethon ETS	2019369241	Arizona Board of Regents on behalf of Arizona State University
2019258956	QIAGEN GmbH	2019370677	Pharmacosmos Holding A/S
2019261673	Hemro International AG	2019371753	Weatherford Technology Holdings, LLC
2019264630	Illinois Tool Works Inc.	2019372246	LzLabs GmbH
2019266454	QIAGEN GmbH	2019372320	Olene Life Sciences Private Limited
2019274949	Oxford Nanopore Technologies plc	2019374164	Western Sydney University
2019278149	Kanglin Biotechnology (Hangzhou) Co., Ltd	2019375972	AVEO Pharmaceuticals, Inc.
2019279934	Electrolux Appliances Aktiebolag	2019376630	Georgetown University
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2019282812	Arc Bio, LLC	2019376683	Ozone 1 Pty Ltd
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2019290140	InnoMed Technologies, Inc.	2019379806	AbbVie Inc.
2019295403	Breville Pty Limited	2019383310	NFlection Therapeutics, Inc.; H. Lee Moffitt Cancer Center & Research Institute
2019301138	The United States of America, as represented by the Secretary, Department of Health and Human Services		
		2019383400	Hollister Incorporated
2019303030	INVOX PHARMA LIMITED	2019384064	NFlection Therapeutics, Inc.; The Board Of Trustees Of The Leland Stanford Junior University
2019308501	Yamo Pharmaceuticals LLC		
2019309540	Ashley Furniture Industries Inc.	2019386967	American Sterilizer Company
2019309942	Ohio State Innovation Foundation	2019386997	ITM Isotope Technologies Munich SE; Paul Scherrer Institut
2019312366	aTyr Pharma, Inc.		
2019312831	Imcheck Therapeutics SAS; Institut National de la Sante et de la Recherche Medicale (INSERM); Université Aix Marseille; Institut Jean Paoli & Irene	2019387201	Fundación TECNALIA Research & Innovation
		2019388459	Hughes Asset Group Pty Ltd
		2019389001	HistoSonics, Inc.
		2019389456	Societe des Produits Nestle S.A.
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2019393830	The University of Queensland		Axcess Global Sciences, LLC
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2019401556	ViaSat, Inc.	2020222983	Haulotte Group
2019403430	Advanced Aesthetic Technologies, Inc.	2020223779	Impero, P.
2019404213	H.J. Heinz Company Brands LLC	2020224399	LONGi Green Energy Technology Co., Ltd.
2019404783	Hapai Transfer Systems Limited	2020224767	Prevor International
2019406518	Nautilus Defense LLC	2020225431	HK Inno.N Corporation
2019408264	Saluda Medical Pty Ltd	2020225520	Societe Des Produits Nestle SA
2019409988	Breville Pty Limited	2020228722	Schreder S.A.
2019411272	Illumina Cambridge Limited	2020230055	Furrer + Frey AG
2019411289	Sapreme Technologies B.V.	2020230995	KWS SAAT SE & Co. KGaA
2019411559	Gyroscope Therapeutics Limited	2020231324	Wu, K.; Hand, S.; Welch, D.; Rahn, J.
2019412475	KAJO GmbH	2020233123	Capretto Ehf.
2019413103	Spray Nozzle Engineering Pty Ltd	2020233942	SulNOx Group PLC
2019416198	Kenvue Brands LLC	2020235394	Newlenoir Limited
2019416507	Alar Pharmaceuticals Inc.	2020237345	Universidad de Chile
2019417798	Nippon Suisan Kaisha, Ltd.	2020240000	Electrolux Home Products, Inc.
2019421069	MAThread Inc.	2020240929	Yilkins B.V.
2019423240	Puff Corp.	2020241106	InterDigital VC Holdings, Inc.
2019427177	I4F Licensing NV	2020241451	Piana Nonwovens
2019427228	Saab AB	2020242053	Emory University
2019435951	The University of British Columbia; Provincial Health Services Authority; Abdera Therapeutics Inc.	2020243823	AL-KO International Pty Ltd
2019441823	Pyrotek High Temperature Industrial Products Inc.	2020244855	Escient Pharmaceuticals, Inc.
2019444280	Electrolux do Brasil S.A.	2020244869	Becton, Dickinson and Company
2019445042	John Bean Technologies Corporation	2020249237	Syngenta Crop Protection AG
2019467638	Razer (Asia-Pacific) Pte. Ltd.	2020250004	Dematic Corp.
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2020201611	Hunter Douglas Inc.	2020256188	Niagara Bottling, LLC
2020201616	Levolor Inc.	2020256283	Boehringer Ingelheim Vetmedica GmbH; Iowa State University Research Foundation, Inc.
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2020203432	SCAIP S.p.A.	2020259156	Universitat Politècnica de València; Fundación para la Investigación del Hospital Universitario La fe de la Comunidad Valenciana
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2020203643	MacDon Industries Ltd.	2020259354	Becton, Dickinson and Company
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2020204182	KONE CORPORATION	2020259388	Pastificio Rana S.p.A.
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2020206791	Dragonfly Endoscopy LLC	2020262119	Savant Systems, Inc.
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2020207614	Axial Medical Printing Limited	2020264947	Kimberly-Clark Worldwide, Inc.
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2020208478	Viasat, Inc.	2020267200	KB Signaling Inc.
2020209501	Precision Planting LLC	2020268212	Lee, D.; Lee, R.; Hughes-Brown, B.
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2020210930	Prometheus Biosciences, Inc.	2020268428	Precision Planting LLC
2020211300	Jena Trading ApS	2020269085	Roshan Water Solutions Incorporated
2020211366	Maricap Oy	2020272050	Oceaneering International, Inc.
2020211697	Merck Patent GmbH	2020272233	AMO Development, LLC
2020211994	The Johns Hopkins University	2020272621	AMO Development, LLC
2020212659	The University of Queensland; PreveCeutical Medical Inc.	2020273982	The Boeing Company
2020213331	Stramit Corporation Pty Limited	2020274085	Axine Water Technologies Inc.
2020214294	Universität Bern	2020274411	Société des Produits Nestlé S.A.
2020214628	The Board of Trustees of The Leland Stanford Junior University	2020274837	Rothenberger AG
2020214673	Siemag Tecberg GmbH	2020275774	Align Technology, Inc.
2020215312	The Francis Crick Institute Limited; University College London	2020276282	Clics, LLC
2020215330	Core Scientific Creations Ltd.	2020276417	Redis Ltd.
2020215770	Hettich-ONI GmbH & Co. KG	2020276735	Marechal Electric
2020217099	Hosokawa Yoko Co., Ltd.	2020278054	Crane & Co., Inc.
2020217600	ENGIE	2020278988	Alcon Inc.
2020217608	Soilmec S.p.A.	2020279221	Qualcomm Incorporated

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2020280914	T.J.Smith and Nephew,Limited	2020395875	DePuy Ireland Unlimited Company
2020281179	The Boeing Company	2020398076	Bicocchi, E.
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2020281593	IMEC vzw; Universiteit Antwerpen	2020412896	Shamir Optical Industry Ltd.
2020281938	OTERAP HOLDING BV	2020426334	Halliburton Energy Services, Inc.
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2020286973	Fresenius Kabi Deutschland GmbH	2021204892	Bard Access Systems, Inc.
2020290074	Gelmetix Limited	2021205322	Robertson II, G.; Robertson, W.
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2020291058	AVX New Energy (Chengdu) Co., Ltd	2021210370	Alliance Rubber Company
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2020306619	Becton Dickinson France	2021260792	Pharma Mar, S.A.
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2020314682	Febromed GmbH & Co.KG	2021325648	Zoetis Services LLC.
2020316747	InnovHeart S.r.l.	2021336799	HOLLISTER INCORPORATED
2020319704	BicycleTx Limited	2021358924	CONOCOPHILLIPS COMPANY
2020324001	MMC RYOTEC Corporation	2021365730	Qunnect,Inc.
2020325632	SF Handels- und Besitzgesellschaft mbH	2021368668	DSM IP ASSETS B.V.
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2020326891	The University of Kansas	2021388076	TREXAPHARM PTY LTD
2020327570	KSB SE & Co. KGAA	2021391289	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
2020328574	LSI Solutions, Inc.	2021392709	IMMVIRA CO., LIMITED
2020329842	Advanced Technology & Research Corp.	2021392719	SCRIBE THERAPEUTICS INC.
2020330300	Hullbot Pty Ltd	2021393650	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2020331683	Glucomat GmbH	2021401427	Avedro, Inc.
2020332834	Boston Scientific Scimed, Inc.	2021402764	COSMAXPHARMA CO.,LTD.
2020332998	Adaptix Ltd	2021416689	SWISSINNO SOLUTIONS AG
2020333829	Syngenta Crop Protection AG	2021430962	BYD COMPANY LIMITED
2020335426	Mochida Pharmaceutical Co., Ltd.	2021432764	CJ Cheiljedang Corporation
2020337892	BCN Biosciences L.L.C.	2021442079	ANGEL NUTRITECH CO., LTD.
2020339521	Epiroc Rock Drills Aktiebolag	2021447102	ZHEJIANG SHUYOU SURGICAL INSTRUMENT CO., LTD.
2020341692	Baxter International Inc.; Baxter Healthcare SA	2021447461	CCTEG XI'AN RESEARCH INSTITUTE (GROUP) CO., LTD
2020342246	Henke-Sass, Wolf GmbH	2021449229	SEKISUI HOUSE, LTD.
2020343673	Mattur, LLC	2021449966	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2020344976	Mylaps B.V.	2021455235	HANSHOW TECHNOLOGY CO., LTD.
2020345005	Mölnlycke Health Care AB	2021458229	KVERNELAND GROUP SOEST GMBH
2020345623	Green Manufacturing, Inc.	2021458238	HEXAWARE TECHNOLOGIES LIMITED
2020347175	Noleus Technologies, Inc.	2021460659	MINE RIGHT TECHNOLOGIES, LLC
2020348001	Integral Geometry Science Inc.	2021463345	SINO IRON HOLDINGS PTY LTD
2020351232	Tempus AI, Inc.; Geisinger Clinic	2021466381	ZTE CORPORATION
2020351829	JTSHoldings Pty Ltd	2021470385	CROWN EQUIPMENT CORPORATION
2020353342	Kenvue Brands LLC	2021479762	LEE, K.M.
2020357079	Ear Physics, LLC	2022200467	Sanofi
2020358664	ZTE Corporation	2022201275	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH
2020359434	Amgen Inc.	2022201296	Regents of The University of Minnesota
2020362072	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.	2022201708	Ardelyx, Inc.
2020363432	The University of Adelaide	2022202503	Kiniksa Pharmaceuticals, Ltd.
2020368382	Landis+Gyr Technology, Inc.	2022203963	President and Fellows of Harvard College
2020370758	Kyoto University; National Institutes for Quantum and Radiological Science and Technology	2022204078	Chia Tai Tianqing Pharmaceutical Group Co., Ltd
2020372167	LG Electronics Inc.	2022204861	Sysmex Corporation
2020372841	Edwards Lifesciences Corporation		
2020373211	Flowlining Limited		
2020376350	National University Corporation Okayama University		
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2020381485	Foresee Pharmaceuticals USA, Inc.		

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2022209219	Mesoblast, Inc.	2022360863	INOLEX INVESTMENT CORPORATION
2022214088	APEX BRANDS, INC.	2022362855	VIIV HEALTHCARE UK (NO.5) LIMITED
2022216141	LG ELECTRONICS INC.	2022367142	KUNSHAN XINYUNDA BIOTECH CO., LTD.
2022217695	LG ELECTRONICS INC.	2022368339	HUNTER INDUSTRIES, INC.
2022221280	CATERPILLAR INC.	2022370323	FLUID MANAGEMENT, INC.
2022226951	NBO Pharma Inc.	2022371862	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2022230046	UMANO MEDICAL INC.	2022377261	CONMED CORPORATION
2022231991	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	2022377421	EVERLAST TECHNOLOGY PTY LTD
2022234226	ELI LILLY AND COMPANY	2022380481	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2022246472	OPKO Biologics Ltd.	2022381167	MICROMED CO., LTD.
2022246724	UOP LLC	2022389572	ABB SCHWEIZ AG
2022249075	OERLIKON METCO (US) INC.	2022397917	SYNGENTA CROP PROTECTION AG
2022249259	UOP LLC	2022400026	BELKIN VISION LTD.
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2022253965	MITSUBISHI GAS CHEMICAL COMPANY, INC.	2022402119	AWES.ME, INC.
2022255028	NOKIA TECHNOLOGIES OY	2022405931	KOMATSU LTD.
2022262511	CLAWSON, J.J.; PRIORITY DISPATCH CORPORATION	2022406371	BYD COMPANY LIMITED
2022262686	PRIORITY DISPATCH CORPORATION; CLAWSON, J.J.	2022406570	LG ELECTRONICS INC.
2022266287	HITACHI, LTD.	2022407768	KAWASAKI JUKOGYO KABUSHIKI KAISHA
2022268640	VESUVIUS U S A CORPORATION	2022408062	ELI LILLY AND COMPANY
2022268827	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2022412197	HITACHI, LTD.
2022270144	ELI LILLY AND COMPANY	2022413478	HITACHI ENERGY LTD
2022273059	BERNSEN, C.D.	2022413959	ALTERNATIVE BALLISTICS CORPORATION
2022273971	D.G.N. S.R.L.	2022416661	THOMSON REUTERS ENTERPRISE CENTRE GMBH
2022274911	PHOS GLOBAL ENERGY SOLUTIONS, INC.	2022417901	CASIO COMPUTER CO., LTD.
2022275035	BEIJING DABEINONG BIOTECHNOLOGY CO., LTD.	2022421911	CJ CHEILJEDANG CORPORATION
2022277401	SYNGENTA CROP PROTECTION AG	2022422062	CJ CHEILJEDANG CORPORATION
2022281466	VETERINARY PHARMACY CORPORATION	2022425740	BEIJING ETECHWIN ELECTRIC CO., LTD.
2022282380	PETRA PHARMA CORPORATION	2022426698	TPE MIDSTREAM LLC
2022282876	FLSMIDTH A/S	2022426831	AERODEL TECHNOLOGIES LLP
2022283448	FILTRATION TECHNOLOGY CORPORATION	2022430010	TAIYUAN UNIVERSITY OF TECHNOLOGY
2022283786	Adobe Inc.	2022433479	MITSUBISHI ELECTRIC CORPORATION
2022284140	BYD COMPANY LIMITED	2022437586	LUO, J.
2022287059	BYD COMPANY LIMITED	2022440853	MITSUBISHI ELECTRIC CORPORATION
2022288379	LEDARFLOW TECHNOLOGIES DA	2022445874	ZTE CORPORATION
2022288722	VALLOUREC OIL AND GAS FRANCE; NIPPON STEEL CORPORATION	2022446044	COMACCHIO SPA
2022291005	BAMBINO PREZIOSO SWITZERLAND AG	2022459269	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2022291191	HUAWEI TECHNOLOGIES CO., LTD.	2022466589	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2022292550	ZINPRO CORPORATION	2022478675	HUNAN SINOBOM INTELLIGENT EQUIPMENT CO., LTD.
2022297909	HEADLOK PTY LTD	2022483613	TOMPKINS ROBOTICS, INC.
2022298318	PRAXAIR TECHNOLOGY, INC.	2022488113	HEMOLENS DIAGNOSTICS SP. Z O.O.
2022298975	BAKER HUGHES OILFIELD OPERATIONS LLC	2023200118	Canon Kabushiki Kaisha
2022302574	CJ CHEILJEDANG CORPORATION	2023200526	Adobe Inc.
2022303897	HUAWEI TECHNOLOGIES CO., LTD.	2023200879	Fate Therapeutics, Inc.
2022308214	CHINA UNIVERSITY OF PETROLEUM	2023201585	Regeneron Pharmaceuticals, Inc.
2022309979	DEUTSCHE TELEKOM AG	2023201762	LG Electronics Inc.
2022310063	QINGDAO HAIER WASHING MACHINE CO., LTD.; HAIER SMART HOME CO., LTD.	2023201902	SharkNinja Operating LLC
2022314858	GUANGZHOU HEYGEARS IMC. INC	2023201926	California Institute of Technology; The Rockefeller University
2022315399	TIAN, F.	2023202178	QINGDAO JKL PACKING CO., LTD
2022317851	SUNGROW POWER SUPPLY CO., LTD.	2023202312	Canon Kabushiki Kaisha
2022318640	PAYPAL, INC.	2023202441	Cactus Wellhead, LLC
2022319462	CJ CHEILJEDANG CORPORATION	2023202833	Celista Pharmaceuticals LLC
2022320385	LG ELECTRONICS INC.	2023203124	Piusi S.P.A.
2022322694	BYD COMPANY LIMITED	2023203228	Ecolab USA Inc.
2022324663	WONDERLAND SWITZERLAND AG	2023203244	Komatsu Ltd.
2022327451	HUAWEI TECHNOLOGIES CO., LTD.	2023203454	Samsung Electronics Co., Ltd.
2022327619	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2023203762	ICU Medical, Inc.
2022330596	GEA MECHANICAL EQUIPMENT ITALIA S.P.A.	2023203789	OLYMPUS Winter & Ibe GmbH
2022343136	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023203855	Karcher North America, Inc.
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2022347784	HUAWEI TECHNOLOGIES CO., LTD.	2023204147	Cue Health Inc.
2022350876	BYD COMPANY LIMITED	2023204152	MiTek Corp., Inc.
2022353581	BYD COMPANY LIMITED	2023204206	ImmunityBio, Inc.
2022355172	KOMATSU LTD.	2023204328	Telefonaktiebolaget LM Ericsson (PUBL)
		2023204360	V-Nova International Ltd
		2023204584	Verrica Pharmaceuticals Inc.

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2023205554	BRUMATE, INC.	2023270211	Idemia Identity & Security France
2023206879	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2023270213	ENERTECHNOS LIMITED
2023208106	LG Electronics Inc.	2023270215	Neuboron Therapy System Ltd.
2023208138	Armaments Research Company Inc.	2023270279	BEIJING EACON TECHNOLOGY CO., LTD.
2023210562	Insulet Corporation	2023270325	Canon Kabushiki Kaisha
2023212015	ELI LILLY AND COMPANY	2023277214	MOHIDEEN, F.A.
2023214272	Verastem, Inc.	2023280061	FCI Holdings Delaware, LLC
2023214370	ViaSat, Inc.	2023281715	Imbria Pharmaceuticals, Inc.
2023215384	COLGATE-PALMOLIVE COMPANY	2023282261	Standard Bariatrics, Inc.
2023216728	PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.; PANGANG GROUP PANZHIHUA STEEL & VANADIUM CO., LTD.	2023282285	Reflex Industries Asia Pacific Pty Ltd
2023216732	PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.	2023282292	Hydrostor Inc.
2023216748	Equinor Energy AS	2023282359	FEVERTREE LIMITED
2023216795	GOJO Industries, Inc.	2023285767	Chongqing Changan Automobile Co., Ltd.
2023216851	Todoc Co., Ltd.	2023285784	Gilead Sciences, Inc.
2023216894	Daiichi Sankyo Company, Limited	2023285788	Gongwin Biopharm Co., Ltd
2023217822	BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED	2023285926	Gates Corporation
2023218154	IBC; SHIMIZU, Y.	2023285955	Krueger Transport Equipment Pty Ltd
2023218352	UOP LLC	2023286020	Pro-Dex, Inc.
2023219921	JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.	2023307270	DORMAKABA DEUTSCHLAND GMBH
2023219953	Société des Produits Nestlé S.A.	2023316919	SHENZHEN GUODIAN TECHNOLOGY COMMUNICATION CO., LTD.; SHENZHEN SMARTCHIP MICRO-ELECTRONICS TECHNOLOGY COMPANY LIMITED
2023219965	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2023317336	NGK INSULATORS, LTD.
2023222935	University Of Maryland, College Park	2023333117	MOTOROLA SOLUTIONS, INC.
2023222940	EVERTRON HOLDINGS PTE. LTD.	2023358545	AIRO BRANDS INC.
2023222984	XEFCO PTY LTD	2023361985	VIVAVISION BIOTECH LTD.
2023226654	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2023375991	LEE, J.S.
2023226664	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2023378300	XPANCEO RESEARCH ON NATURAL SCIENCE L.L.C.
2023226698	Caris Science, Inc.	2023385643	FRAMERY OY
2023226744	Spogen Biotech Inc.	2023387756	WUXI VISION PRO LTD.
2023229580	Zhejiang Jinko Solar Co. Ltd.; Shanghai Jinko Green Energy Enterprise Management Co. Ltd.	2023397081	SCHREIBER, C.A.
2023229599	YETI Coolers, LLC	2023409369	GRAYMONT WESTERN CANADA INC.
2023231024	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION	2023414262	RINUAGENE BIOTECHNOLOGY CO., LTD.; RINUAGENE INTERNATIONAL HK LIMITED
2023233062	Meso Scale Technologies, LLC.	2023420007	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023236513	WINONE ELEVATOR COMPANY LIMITED	2023421224	VELVETCH LLC
2023237135	Deere & Company	2023446738	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS
2023238237	Haemonetics Corporation	2024200054	Novartis AG
2023241317	Abiomed, Inc.	2024200203	Burzynski, S.
2023242432	GC CORPORATION	2024200242	Dongguan Saienchuangke Technology Co., Ltd
2023246659	OMICRON ELECTRONICS GMBH	2024200471	Applied Medical Resources Corporation
2023248117	Vertex Pharmaceuticals Incorporated	2024200636	Koninklijke Douwe Egberts B.V.
2023248160	Sonos, Inc.	2024200715	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2023248191	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.	2024200810	Equifax Inc.
2023250422	RVMAGNETICS, A.S.	2024200931	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.
2023251337	EGAO WITH US CORPORATION LIMITED; S-SENSE INC.; PATBRAIN CO. LTD	2024200996	JELLISEE OPHTHALMICS INC.
2023251500	SUNRESIN NEW MATERIALS CO.LTD.	2024201015	REI, Inc.
2023254919	Panosian, M.H.; Keeler, J.M.	2024201035	ConMed Corporation
2023254937	BioMed Valley Discoveries, Inc.; Vertex Pharmaceuticals Incorporated	2024201226	Shure Acquisition Holdings, Inc.
2023258351	Electrolux Appliances Aktiebolag	2024201335	AMO Groningen B.V.
2023258418	MosSmith Industries, Inc.	2024201356	Harsco Technologies LLC
2023258446	Guangzhou Joyson Cleaning Products Co., Ltd.	2024201471	Illumina, Inc.
2023258461	Asahi Kasei Kabushiki Kaisha	2024201486	Donaldson Company, Inc.
2023263470	JINKO SOLAR (HAINING) CO., LTD.	2024201507	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2023263479	Hangzhou Biotest Biotech Co., LTD.	2024201516	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2023266318	STATE GRID SHANGHAI MUNICIPAL ELECTRIC POWER COMPANY; EAST CHINA ELECTRIC POWER TEST & RESEARCH INSTITUTE COMPANY LIMITED; SHANGHAI RHYTHM ELECTRONIC TECHNOLOGY CO., LTD.	2024201519	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2023266371	Abbott Diabetes Care Inc.	2024201599	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
		2024201661	Anavex Life Sciences Corp.
		2024201679	Nippon Telegraph and Telephone Corporation
		2024201722	Nokia Technologies Oy
		2024201892	Immunwork Inc.
		2024201928	Commonwealth Scientific and Industrial Research Organisation
		2024202160	Unison Industries, LLC

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2024202175	2MT Mining Products Pty Ltd
2024202284	Seminis Vegetable Seeds, Inc.
2024202435	MITSUBISHI KAKOKI KAISHA, LTD.
2024202820	Shenzhen Ulike Smart Electronics Co., Ltd
2024202879	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)
2024203252	Nextracker LLC
2024203425	Trina Solar Co., Ltd.
2024203593	Moleculin Biotech, Inc.; Board of Regents, The University of Texas System
2024203631	The Procter & Gamble Company
2024203735	Shandong University of Science and Technology; Inner Mongolia Shanghaimiao Mining Co., Ltd.; Qingdao Qiankunxing Intelligent Technology Co., Ltd.
2024203851	Intuit Inc.
2024203932	Weber-Stephen Products LLC
2024204291	O'Keeffe, P.
2024204303	SYSTEMS IP PTY LTD
2024204593	TRANSNET NZ LIMITED
2024205071	Hopkins, C.
2024205593	DRAEGER SAFETY AG & CO. KGAA
2024205718	Contego Spa Designs, Inc.
2024208796	ICSIP Pty Ltd
2024210997	3M Innovative Properties Company
2024216362	Hendrickson USA, L.L.C.
2024216424	Trina Solar Co., Ltd.
2024219367	Dolby Laboratories Licensing Corporation
2024219497	Baylor College of Medicine
2024219690	EVAH Atlantic Inc.
2024219723	HALLIBURTON ENERGY SERVICES, INC.
2024221601	LAVA BLUE LTD
2024229699	CCB SUBSEA AS
2024259751	Commonwealth Scientific and Industrial Research Organisation
2024266898	Ibex (NZ) Pty Limited
2024266964	V-DAQ Pty Ltd
2024278581	Virox Technologies Inc.
2024287153	Fidelity Information Services, LLC
2024357295	SHANDONG CHENGCHUANG BLUE SEA PHARMACEUTICAL TECHNOLOGY CO., LTD.; Zhitao LV
2025200236	Foshan Baitai Auto Accessories Co., Ltd
2025201131	HO, D.J.; MOHANRAJ, V.

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2020268428	2024202284	2019366155	2019364978	<u>A47L 1 I/-</u>	2020351232
<u>A01B 59 I/-</u>	<u>A01K 39 I/-</u>	<u>A01P 7 I/-</u>	<u>A43B 7 I/-</u>	2022437586	2020372841
2020268428	2021416689	2022397917	2019364978	<u>A47L 11 I/-</u>	2022380481
<u>A01B 63 I/-</u>	2022201296	<u>A23C 1 I/-</u>	<u>A45D 19 I/-</u>	2022320385	2022488113
2021458229	<u>A01K 67 I/-</u>	2019413103	2020276282	2023203855	2023266371
<u>A01C 1 I/-</u>	2019237926	<u>A23G 3 I/-</u>	<u>A47C 1 I/-</u>	<u>A47L 15 I/-</u>	<u>A61B 50 I/-</u>
2020268428	2022201296	2023270199	2020272050	2023258351	2023203789
2020333829	<u>A01M 1 I/-</u>	<u>A23K 20 I/-</u>	<u>A47C 17 I/-</u>	<u>A47L 5 I/-</u>	<u>A61B 6 I/-</u>
<u>A01C 5 I/-</u>	2023203228	2020225573	2019309540	2023201902	2020314682
2020268428	<u>A01N 25 I/-</u>	2020274411	<u>A47C 5 I/-</u>	<u>A47L 9 I/-</u>	<u>A61B 8 I/-</u>
<u>A01C 7 I/-</u>	2019366155	2022292550	2019309540	2023201902	2019389001
2020268428	2022397917	2022422062	<u>A47C 7 I/-</u>	<u>A61B 1 I/-</u>	<u>A61B 90 I/-</u>
2020333829	2023216795	<u>A23K 50 I/-</u>	2019309540	2020206791	2019389001
2023237135	2023226744	2020225573	<u>A47D 13 I/-</u>	2020279633	2023203789
<u>A01C 9 I/-</u>	2024219690	<u>A23L 29 I/-</u>	2022291005	2020328574	<u>A61C 13 I/-</u>
2020268428	<u>A01N 31 I/-</u>	2020225573	<u>A47G 1 I/-</u>	2023203789	2019343305
<u>A01D 34 I/-</u>	2023216795	<u>A23L 33 I/-</u>	2024210997	2023282261	<u>A61C 7 I/-</u>
2020469635	<u>A01N 37 I/-</u>	2019346007	<u>A47G 19 I/-</u>	<u>A61B 10 I/-</u>	2020275774
<u>A01D 41 I/-</u>	2020249237	2019352571	2023229599	2020348001	<u>A61C 9 I/-</u>
2020203642	2022277401	2019389456	<u>A47G 21 I/-</u>	2020398076	2020275774
<u>A01D 57 I/-</u>	2022397917	2020222897	2025201131	2023263479	<u>A61F 13 I/-</u>
2020203643	2023216795	2020274411	<u>A47J 27 I/-</u>	<u>A61B 17 I/-</u>	2020215330
<u>A01D 75 I/-</u>	<u>A01N 43 I/-</u>	2022422062	2020259387	2019339439	2020345005
2020203643	2024219690	2023219953	2020259388	2019389001	2020347175
<u>A01G 23 I/-</u>	2024278581	<u>A23L 5 I/-</u>	<u>A47J 37 I/-</u>	2020291206	2022459269
2020345623	2024357295	2020281938	2023222940	2020328574	<u>A61F 2 I/-</u>
<u>A01G 25 I/-</u>	<u>A01N 47 I/-</u>	2023222940	<u>A47J 41 I/-</u>	2020395875	2019394013
2020203577	2019366155	<u>A24F 40 I/-</u>	2019332947	2023282261	2020214294
<u>A01G 3 I/-</u>	<u>A01N 53 I/-</u>	<u>A24F 47 I/-</u>	<u>A47J 42 I/-</u>	2023286020	2020272233
2020274837	2022397917	2019335383	2019261673	2024200471	2020272621
<u>A01G 7 I/-</u>	<u>A01N 57 I/-</u>	2019423240	<u>A47J 43 I/-</u>	2024201035	2020290074
2020268428	2019366155	<u>A41D 13 I/-</u>	<u>A47J 44 I/-</u>	<u>A61B 18 I/-</u>	2020316747
<u>A01H 1 I/-</u>	2023226744	2020382650	2019261673	2020328574	2020395875
2024202284	<u>A01N 59 I/-</u>	2025201131	<u>A47K 10 I/-</u>	2021447102	2021368668
<u>A01H 5 I/-</u>	2023226744	<u>A41D 31 I/-</u>	2019295403	2024202820	2024200996
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	<u>A01P 13 I/-</u>	<u>A43B 1 I/-</u>	<u>A47K 3 I/-</u>	2022400026	2021223081
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				2020214294	2020272621
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				2020314682	

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2020314682	2021388076		<u>A61K 48 /-</u>		2020342246
2022230046	2022201708	2022205174		2020347175	2020359434
	2022226951		2019215191		2024204291
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	2022356047	2018307744	2020256102	2020347175	2020256102
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	2022401750	2018337960			
2024205718	2022408062	2018338441	<u>A61K 49 /-</u>	<u>A61L 29 /-</u>	<u>A61N 1 /-</u>
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<u>A61H 9 /-</u>	2023202833	2018357984	2018307744	2020296845	2020268358
	2023204103	2018361430	<u>A61K 51 /-</u>		2021204892
2024205718	2023212015	2018362747		<u>A61L 31 /-</u>	2022380481
	2023214272	2018380582	2018307744	2024203593	2022381167
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	2023219953	2019217584	2019435951	<u>A61M 1 /-</u>	2023216851
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2020341692	2023285788	2019227860		2020207656	<u>A61N 5 /-</u>
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	2024200203	2019312831	2023242432	2020347175	2023270215
2020382650	2024201661	2019358442		2023238237	
	2024202879	2020256283	<u>A61K 8 /-</u>		<u>A61N 7 /-</u>
<u>A61J 3 /-</u>	2024203593	2020376350		<u>A61M 11 /-</u>	2019389001
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2021402764		2021253117	2019417798	2019335383	<u>A61P 1 /-</u>
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<u>A61K 31 /-</u>	2018397752	2021383237	2023215384	2022426831	2018392233
	2019370677	2022200467	2024203631		2020207089
2018329190		2022201275		<u>A61M 13 /-</u>	2020225520
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2019220739		2022204078		2019321819	2022362855
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2019254701		2023216894	2019308501	<u>A61M 15 /-</u>	<u>A61P 11 /-</u>
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2019346007	2018415814	<u>A61K 45 /-</u>	2019392742	2019423240	2020302839
2019352571	2019322933		2019416507	2022426831	2020376350
2019361136	2019392549	2019215191	2020233123	2023358545	2021253117
2019375972	2020447334	2019312366	2020263285		2022209219
2019376630	2021261384	2020244855	2020341692	<u>A61M 19 /-</u>	2022356047
2019376633	2022203963	2020370758	2020353342		2024200054
2019379806	2022209219	2021402764	2020400065	2019339439	
2019383310	2023204206	2022408062	2021261384		<u>A61P 13 /-</u>
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2019392683	2019372320	<u>A61K 47 /-</u>	2022270144	2019339439	2020207089
2019392742	2019417798		2022281466	2019383400	2022201708
2019416507	2020382526	2018357984	2022362855	2020244869	2022356047
2019417798		2019218892	2022367142	2020256102	
2019435951	<u>A61K 38 /-</u>	2019317789	2023204103	2020259354	<u>A61P 15 /-</u>
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2020210930	2019216873	2019369192	2023285788	2020382650	2020207089
2020211697	2019218892	2019411289	2023361985	2021204892	
2020211994	2019312366	2020319704	2024201892	2021336799	<u>A61P 17 /-</u>
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2020233123	2019346007	2021260792	<u>A61L 15 /-</u>		2020233123
2020242053	2019348534	2021402764		2019325957	2020244855
2020244855	2020212659	2022249281	2020312628	2019339439	2022202503
2020263285	2020319704	2022281466		2020244869	
2020274411	2021325648	2022362855	<u>A61L 2 /-</u>	2020306619	<u>A61P 19 /-</u>
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2020298088	2022226951	2023204103	2024278581		2019254701
2020302839	2022246472	2023216894		<u>A61M 5 /-</u>	2020207089
2020337892	2022249281	2023285788	<u>A61L 24 /-</u>		2024202879
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2020370758	2024201892	2024201892		2019352875	

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2019348534 2019417798 2020207089 2020211994 2020244855 2020376350 2021253117 2023361985	<u>A61P 37 /-</u>	2020272050	<u>B01F 23 /-</u>	2021463345	2019343305
		<u>A63G 27 /-</u>	2022282876	<u>B07C 3 /-</u>	<u>B23Q 9 /-</u>
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<u>A61P 3 /-</u>		<u>A63G 31 /-</u>	2019332947 2019376683 2022330596	<u>B07C 5 /-</u>	<u>B25D 1 /-</u>
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	<u>A61P 43 /-</u>	<u>A63G 9 /-</u>	2020240929	<u>B08B 17 /-</u>	<u>B25G 1 /-</u>
		2020272050	<u>B01J 20 /-</u>	2019341540 2019341541	2022214088
<u>A61P 31 /-</u>	2019218892 2020207089 2020376350	<u>A63H 33 /-</u>	2022231991 2023251500	<u>B09B 1 /-</u>	<u>B25G 3 /-</u>
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	<u>A61P 7 /-</u>	<u>A63J 5 /-</u>	2020240929	<u>B09B 3 /-</u>	<u>B25J 9 /-</u>
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	<u>A61P 9 /-</u>	<u>B01D 1 /-</u>	<u>B01J 8 /-</u>	<u>B09B 5 /-</u>	<u>B26B 13 /-</u>
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	2020207089 2020256102 2022356047 2023212015	<u>B01D 15 /-</u>	<u>B01L 3 /-</u>	<u>B21D 39 /-</u>	<u>B26D 3 /-</u>
<u>A61P 33 /-</u>	<u>A61Q 11 /-</u>	2019374164	2019325957 2023204147 2023233062 2023263479	2022356193	2019409988 2020274837
2024219690	2023215384 2024203631	<u>B01D 27 /-</u>	<u>B01L 7 /-</u>	<u>B22D 11 /-</u>	<u>B27B 9 /-</u>
<u>A61P 35 /-</u>		2022283448 2024201486	2023233062	2022268640	2019249812
		<u>B01D 29 /-</u>			<u>B27G 13 /-</u>
		2020436451			

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B28B 11 /-	2021225352	2022355172	2022324663	B65D 51 /-	2020211366
2019441823	B60B 15 /-	2022355172	B62D 119 /-	2019332947	2020304195
B28D 1 /-	2021225352	B60P 3 /-	2022350876	B65D 75 /-	B65G 65 /-
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B29B 17 /-	2024216362	B60P 7 /-	2022350876	B65D 77 /-	2020304195
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B29C 44 /-	2022315399	2023204152	B62D 6 /-	2023229599	2020204182
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B29C 63 /-	2020243823	B60W 20 /-	B62J 11 /-	B65F 1 /-	B66B 7 /-
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B29C 70 /-	2020223779	B60W 30 /-	B63B 21 /-	B65F 5 /-	B66D 1 /-
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B32B 1 /-	B60K 6 /-	2024200931	B63B 59 /-	2020259186	B66F 3 /-
2020373211	2021430962	2024201599	2019341540	B65G 15 /-	2018267684
2023285926	B60L 3 /-	2024266964	2019341541	2019445042	B66F 9 /-
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B33Y 10 /-	B60L 53 /-	B61K 9 /-	B64C 27 /-	B65G 43 /-	2023282359
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	B60L 58 /-	B61L 23 /-	2022315399	2020259186	2023205554
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			2023202178	B65G 47 /-	2020219829
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			B65D 33 /-	2020304195	

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2019250113	2020335426 2023216894	C07C 67 /-		2023285784	2020273982
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C01B 32 /-	2020335426	2023212015	2023212015	C07K 14 /-	2020241451
	C07C 215 /-	C07D 209 /-	C07D 411 /-		C08J 7 /-
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	2023216894	2023214272	C07D 417 /-	2020447334	C08K 9 /-
2022231991	C07C 233 /-	C07D 215 /-		2022249281	
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C02F 1 /-	2023216894	2023248117	2023212015	2024201892	C08L 23 /-
	C07C 237 /-	C07D 217 /-	C07D 471 /-	C07K 16 /-	2020290074
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2019376683	2018351349	2019309942	2020207089	2018307744	C08L 67 /-
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	2020249237	2022401750	C07D 487 /-	2018354295	
2023204665	C07C 255 /-	C07D 239 /-		2018357984	2019427228
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	2020249237	2020381485	2022282380	2019211035	C09D 7 /-
2021447461	C07C 279 /-	C07D 257 /-	2022401750	2019217584	
C04B 12 /-			2023212015	2019237926	2020250960
	2018351349	2019386997	2023285784	2019301138	
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				2019312831	
C04B 22 /-	2019336424	2020207089	2022282380	2019358442	2024221601
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C04B 28 /-			C07D 498 /-	2021383237	2023409369
	2019336424	2020207089	2020207089	2022200467	
2021447461	C07C 319 /-	C07D 279 /-	2020211994	2022202503	C09K 23 /-
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	2020302839			2024201892	C10G 1 /-
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C05F 17 /-		2020207089	2020211697		

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2020233942	2019234918		<u>C23C 14 /-</u>		<u>E01C 23 /-</u>
	2019258956	2018361430		2019279934	
<u>C10M 159 /-</u>	2019266454	2019369192	2023222984	2019332942	2024200931
	2019278149			2020372167	
2019412475	2019282812	<u>C12P 5 /-</u>	<u>C23F 11 /-</u>	<u>D06F 33 /-</u>	<u>E01F 15 /-</u>
	2019319976	2019358240	2021358924		
<u>C10N 10 /-</u>	2019322933			2020372167	2020224399
	2019369192	<u>C12P 7 /-</u>	<u>C23F 14 /-</u>	<u>D06F 34 /-</u>	<u>E01H 3 /-</u>
2019412475	2020230995		2021358924		
	2020280439	2019358240		2020372167	2022355172
<u>C10N 20 /-</u>	2020447334	2020335426	<u>C23G 5 /-</u>	2022406570	<u>E02D 17 /-</u>
	2021261384	2022421911			
2019412475	2021383237	<u>C12Q 1 /-</u>	2021358924	<u>D06F 35 /-</u>	<u>E02D 17 /-</u>
	2021392709				2020203432
<u>C10N 50 /-</u>	2021392719	2019238322	<u>C25B 1 /-</u>	2023208106	<u>E02D 27 /-</u>
	2021432764	2019274949			
2019412475	2022201296	2019351824	2022389572	<u>D06F 37 /-</u>	2021449229
	2022203963	2019355136	2023218352		2024204593
<u>C10N 70 /-</u>	2022275035	2019386967		2022216141	
	2022302574	2019390691	<u>C25B 11 /-</u>	2022406570	<u>E02F 3 /-</u>
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	2022421911	2020215312	2023219965	<u>D06F 39 /-</u>	2019388459
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	2023204206	2023226698	<u>C25B 13 /-</u>	2019332942	
2022292550	2023226698	2024201471		2022310063	<u>E02F 9 /-</u>
<u>C11C 3 /-</u>	2023414262	2024202284	2023218352	<u>D06F 58 /-</u>	2019336609
	2024202284				2019377388
2019417798		<u>C21D 1 /-</u>	<u>C25B 15 /-</u>	2020372167	2020217608
<u>C11D 1 /-</u>				2022216141	2022221280
	2018415814	2023216728	2022389572	2022217695	2022405931
2020280240	2019317696	2023216732	2023218352	2023208106	2024202175
	2019322933				
<u>C11D 11 /-</u>	2020220372	<u>C21D 9 /-</u>	<u>C25B 3 /-</u>	<u>D06F 71 /-</u>	<u>E03F 5 /-</u>
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2020225431	2021383237		2020274085	2023201762	2020393027
	2022201296	<u>C22B 26 /-</u>	<u>C25B 9 /-</u>	2023208106	
<u>C11D 17 /-</u>	2022209219				<u>E04B 1 /-</u>
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	2024219497	2024208796	<u>D02G 3 /-</u>	2023201762	2020268212
<u>C11D 3 /-</u>					2021479762
	<u>C12N 5 /-</u>	<u>C22B 3 /-</u>	2019406518	<u>D21B 1 /-</u>	2023385643
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2023258446	2019319976	2022345112	<u>D03D 1 /-</u>		
	2021392709	2023251500		<u>D21C 1 /-</u>	<u>E04B 2 /-</u>
<u>C11D 7 /-</u>		2023446738	2019406518		
	<u>C12N 9 /-</u>	2024208796		2020211300	2019362670
2020225431			<u>D03D 13 /-</u>		2021479762
	2019218892	<u>C22B 7 /-</u>		<u>D21C 3 /-</u>	2023385643
<u>C12M 1 /-</u>	2019282812		2020261915		
	2019312366	2023446738		2020211300	<u>E04B 5 /-</u>
2018351349	2019322933		<u>D03D 15 /-</u>	2023222935	
2019336148	2019369192	<u>C22C 1 /-</u>			2019264630
2019386967	2019411559		2020261915	<u>D21C 5 /-</u>	
2020269085	2021392719	2022249075			<u>E04C 2 /-</u>
	2021432764	<u>C22C 29 /-</u>	<u>D04H 1 /-</u>	2020211300	
<u>C12M 3 /-</u>	2022275035				2021479762
	2022302574	2022249075	2020241451	<u>D21C 9 /-</u>	2023385643
2018415814	2022421911				
<u>C12N 1 /-</u>	<u>C12P 13 /-</u>	<u>C22C 32 /-</u>	<u>D06F 103 /-</u>	2020211300	<u>E04C 5 /-</u>
2019417798	2021432764	2022249075	2022310063	<u>D21H 21 /-</u>	2019264630
<u>C12N 13 /-</u>	2022302574	<u>C22C 38 /-</u>	<u>D06F 105 /-</u>		2019280077
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2018337960	<u>C12P 19 /-</u>	2023216732	2022310063	<u>E01B 27 /-</u>	<u>E04D 13 /-</u>
			<u>D06F 25 /-</u>		
<u>C12N 15 /-</u>	2019322933	<u>C22C 9 /-</u>		2020362072	2020213331
	2021442079		2020372167	<u>E01C 11 /-</u>	
2018350793		2022249075			
2019215191					

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<u>E04F 15 /-</u>	<u>E06B 9 /-</u>	<u>E21B 7 /-</u>	<u>F02M 61 /-</u>	<u>F16B 35 /-</u>	<u>F16L 1 /-</u>
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2019427177	2020201616	2023277214			
<u>E04G 1 /-</u>	2020261915	<u>E21C 35 /-</u>	<u>F02M 63 /-</u>	<u>F16B 37 /-</u>	<u>F16L 11 /-</u>
2021460659	<u>E21B 10 /-</u>	2020237345	2019326533	2024201015	2020373211
<u>E04G 17 /-</u>	2020324001	<u>E21D 20 /-</u>	<u>F03D 7 /-</u>	<u>F16B 39 /-</u>	<u>F16L 19 /-</u>
2019264630	2022249075	2023280061	2019284124	2020325632	2021234266
<u>E04G 27 /-</u>	<u>E21B 15 /-</u>	<u>E21D 21 /-</u>	2022466589	<u>F16B 45 /-</u>	<u>F16L 21 /-</u>
2021460659	2023277214	2023280061	<u>F03G 3 /-</u>	2024210997	2022356193
<u>E04G 3 /-</u>	<u>E21B 17 /-</u>	<u>E21D 23 /-</u>	2024205071	<u>F16C 32 /-</u>	<u>F16L 23 /-</u>
2021460659	2020426334	2022430010	<u>F03G 7 /-</u>	2022371862	2022356193
<u>E04G 5 /-</u>	2022288722	<u>E21F 15 /-</u>	2024205071	<u>F16C 37 /-</u>	<u>F16L 25 /-</u>
2021460659	2024219723	2021447461	<u>F04B 35 /-</u>	2022371862	2021234266
<u>E04H 1 /-</u>	<u>E21B 19 /-</u>	<u>F01B 9 /-</u>	2022426698	<u>F16D 65 /-</u>	<u>F16L 37 /-</u>
2023385643	2022446044	2020235394	<u>F04B 37 /-</u>	2024216362	2021234266
<u>E04H 3 /-</u>	2023277214	<u>F02B 47 /-</u>	2022426698	<u>F16D 9 /-</u>	<u>F16L 55 /-</u>
2022298975	<u>E21B 23 /-</u>	2021239827	<u>F04B 39 /-</u>	2024202160	2020373211
2020272050	<u>E21B 29 /-</u>	<u>F02B 75 /-</u>	2022426698	<u>F16F 15 /-</u>	<u>F16L 58 /-</u>
<u>E04H 5 /-</u>	2019371753	2020235394	<u>F04B 49 /-</u>	2019393830	2020373211
2024204593	<u>E21B 3 /-</u>	<u>F02C 3 /-</u>	2022426698	<u>F16G 11 /-</u>	<u>F16L 59 /-</u>
<u>E05B 37 /-</u>	2023277214	2023420007	<u>F04D 13 /-</u>	2024204303	2023217822
2022297909	<u>E21B 33 /-</u>	<u>F02C 6 /-</u>	2023203124	<u>F16H 55 /-</u>	<u>F16L 9 /-</u>
<u>E05B 71 /-</u>	2020426334	2023282292	<u>F04D 15 /-</u>	2020259186	2020373211
2022297909	2023202441	<u>F02C 7 /-</u>	2023203124	<u>F16H 57 /-</u>	<u>F16M 11 /-</u>
<u>E05B 73 /-</u>	2024229699	2024202160	<u>F04D 29 /-</u>	2020259186	2018418039
2022297909	<u>E21B 34 /-</u>	<u>F02D 19 /-</u>	2020327570	<u>F16K 15 /-</u>	<u>F17C 1 /-</u>
<u>E05D 15 /-</u>	2020426334	2021239827	<u>F04D 7 /-</u>	2019376683	2023282292
2020215770	2024229699	<u>F02D 29 /-</u>	2020327570	<u>F16K 17 /-</u>	<u>F17C 13 /-</u>
<u>E05D 3 /-</u>	<u>E21B 36 /-</u>	2020326438	<u>F15B 1 /-</u>	2020291583	2022407768
2020203303	2023217822	<u>F02D 37 /-</u>	2019336609	<u>F16K 3 /-</u>	2023282292
2020215770	<u>E21B 37 /-</u>	2021239827	<u>F15B 11 /-</u>	2022330596	<u>F17C 5 /-</u>
2022273971	2019371753	<u>F02F 1 /-</u>	2022478675	2024229699	2023282292
<u>E05F 1 /-</u>	<u>E21B 41 /-</u>	2021239827	<u>F15B 13 /-</u>	<u>F16K 31 /-</u>	<u>F21K 9 /-</u>
2020203303	2019371753	2021239827	2022430010	2019376683	2019200784
<u>E05F 15 /-</u>	<u>E21B 43 /-</u>	<u>F02M 19 /-</u>	2022478675	2020219829	<u>F21S 4 /-</u>
2020224399	2022298975	2019376683	<u>F15B 19 /-</u>	2020291583	2019200784
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2022327619	2020228722	
2022347784		
2024259751		

Certified Innovation Patents**Name Index**

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

(71) The Leisure Collective International Pty
Ltd
(11) AU-B-2021107702
(21) 2021107702 (22) 02.04.2021
(54) ACCESSORY FOR WATER BOARD
FOR SPORT OR RECREATION
(51) Int. Cl.
B63B 32/40 (2020.01)
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2020904504 04.12.20 AU
(45) 14.08.2025
(72) CAMPI, Beau Wayan
(74) Westmark IP

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2018270961 **Daiichi Sankyo Company, Limited** (OnCusp Therapeutics)

Opposition Withdrawn

2018360571 **Superior Industries, Inc.** (Vayeron Pty Ltd)

2021240146 **FISHER & PAYKEL HEALTHCARE LIMITED** (ResMed Pty Ltd)

2021273595 **FISHER & PAYKEL HEALTHCARE LIMITED** (ResMed Pty Ltd)

Opposition under Section 104(4) - Lodged

2018361802 **Expro North Sea Limited** (Metrol Technology Limited)

Patents Granted

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2018224094	2018247794	2018249559	2018249816
2018251241	2018255132	2018260750	2018271259
2018271878	2018273370	2018275685	2018281306
2018288525	2018294758	2018295118	2018298881
2018303836	2018306307	2018307294	2018320870
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2018354221	2018357713	2018360045	2018367359
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2019408420	2019409001	2019409121	2019410086
2019411230	2019412444	2019412555	2019412559
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2023200840	2023201017	2023201048	2023201247
2023201584	2023201633	2023201681	2023201711
2023201777	2023201821	2023202002	2023202125
2023202143	2023202243	2023202623	2023202766
2023202787	2023202821	2023202858	2023203027
2023203130	2023203164	2023203537	2023203861

Patents Granted**Standard Patents**

2023203891	2023203979	2023204210	2023204408
2023204642	2023206004	2023206131	2023206192
2023208155	2023210548	2023210646	2023214234
2023216727	2023216905	2023219926	2023219988
2023222847	2023222890	2023226643	2023229470
2023233104	2023233153	2023234353	2023239927
2023248162	2023251452	2023254930	2023254978
2023256612	2023258326	2023258379	2023258433
2023263941	2023264715	2023270297	2023274109
2023282214	2023285997	2023290538	2023293105
2023296337	2023298147	2023321648	2023341904
2023347067	2023358131	2023366712	2023449973
2024200172	2024200215	2024200659	2024201007
2024201111	2024201150	2024201293	2024201532
2024201720	2024202153	2024202826	2024202859
2024203066	2024205052	2024216509	2024219342
2024219752	2024227051	2024227726	2024270614
2024278194	2024323231	2024326373	2025200078
2025200334	2025201618	2025201706	

Revocation

It is hereby notified that the offer by the Patentee **Braskem America, Inc.** to surrender Patent 2021281311 which was advertised in the Official Journal of 26.06.2025 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2008323620 FREIGHTER GROUP PROPERTY PTY LTD The patent has been assigned to **AZMEB Pty Ltd**

2011268122 Pure Imagination LLC The patent has been assigned to **SHUSHU PAPA TOY COMPANY LLC**

2012225250 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

2013200983 Unique Global Possibilities (Australia) Pty Ltd The patent has been assigned to **Paladin Securities (Australia) Pty Ltd**

2013247361 Trapeze Software ULC The patent has been assigned to **Trapeze Rail Pty Ltd**

2013349721 Phadia AB The patent has been assigned to **A3P Bio-medical AB**

2013349801 Phadia AB The patent has been assigned to **A3P Bio-medical AB**

2014214756 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

2014318872 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

2015213484 Kazia Therapeutics Limited The patent has been assigned to **Vivesto AB (publ)**

2015230017 Phadia AB The patent has been assigned to **A3P Bio-medical AB**

2015365699 Ipco 2012 Limited The patent has been assigned to **Vocalink Limited**

2015365764 Ipco 2012 Limited The patent has been assigned to **Vocalink Limited**

2016247476 Netherlands Translational Research Center B.V. The patent has been assigned to **SillaJen Inc.**

Assignments Registered

2016260522 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

2016262547 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

2017201560 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

2017203291 HERCUTECH INC. The patent has been assigned to **Tremco CPG Inc.**

2017208220 PIRAINO, Mario The patent has been assigned to **PIRAINO, LICIA**

2017260453 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

2018243393 Brock USA, LLC The patent has been assigned to **Brock USA, LLC**

2018250516 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

2018278959 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

2018304994 Sawant, Arun The patent has been assigned to **SML LIMITED**

2018306154 Sawant, Arun The patent has been assigned to **SML LIMITED**

2018391811 Merck Patent GmbH The patent has been assigned to **SUSONITY Commercial GmbH**

2019204944 PIRAINO, Mario The patent has been assigned to **PIRAINO, LICIA**

2019208785 Evopoint Biosciences Co., Ltd. The patent has been assigned to **Shanghai Puchi Biomedical Co., Ltd.**

2019230713 Ultizyme International Ltd.; i-SENS, Inc The patent has been assigned to **i-SENS, Inc**

2019265748 VADAKEKUTTU, Thankapan; SAWANT, Arun Vitthal The patent has been assigned to **SML LIMITED**

2019265842 VADAKEKUTTU, Thankapan; SAWANT, Arun Vitthal The patent has been assigned to **SML LIMITED**

2019265885 Vadakekuttu, Thankapan; Sawant, Arun The patent has been assigned to **SML LIMITED**

2019298797 ABL Co.,Ltd The patent has been assigned to **LEE, Myung Eun**

2019318167 Choi, Jong-Soo The patent has been assigned to **Woorhi Medical Co., Ltd.**

2020100205 Remix Edition(Guangzhou) Commercial Equipment Co. Ltd. The patent has been assigned to **LI, Jiamin**

2021106457 Roadpod Pty Ltd The patent has been assigned to **Roadpod IP Pty Ltd**

2021107680 Fridge Insights Pty Ltd The patent has been assigned to **Arctiq Services Pty Ltd**

2021201964 Acutus Medical, Inc. The patent has been assigned to **EnChannel Medical, Ltd.**

Assignments Registered

2021220750 nthalmic holding pty ltd The patent has been assigned to **Nthalmic Holding Pty Ltd; Brighten Optix Corporation; Shanghai Ispax Medical Co Ltd**

2021232712 Phadia AB The patent has been assigned to **A3P Bio-medical AB**

2023206124 nthalmic holding pty ltd The patent has been assigned to **nthalmic holding pty ltd; Nthalmic Holding Pty Ltd; Brighten Optix Corporation; Shanghai Ispax Medical Co Ltd**

Licences Registered - Section 187, Reg. 19

(The name in the parentheses is that of the licensee)

2007263328 Newron Pharmaceuticals S.p.A. (Zambon S.p.A)

2007352608 Novartis AG (Novartis Pharmaceuticals Australia Pty Ltd)

2008216106 Novartis AG (Novartis Pharmaceuticals Australia Pty Ltd)

2008334778 NEWRON PHARMACEUTICALS S.p.A. (Zambon S.p.A)

2012201288 Novartis AG (Novartis Pharmaceuticals Australia Pty Ltd)

2012205599 Regeneron Pharmaceuticals, Inc. (Bayer Consumer Care AG)

2014202367 Novartis AG (Novartis Pharmaceuticals Australia Pty Ltd)

2016202063 Novartis AG (Novartis Pharmaceuticals Australia Pty Ltd)

2017200290 Regeneron Pharmaceuticals, Inc. (Bayer Consumer Care AG; Bayer Consumer Care AG)

2019203109 Bovell, C. (GM & CB PTY. LTD.)

2019246292 Gesval S.A. (Genocellules S.A.S.)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2009323249 **Chugai Seiyaku Kabushiki Kaisha**

The earliest first regulatory approval date provided by the patentee 27 May 2025

For the goods NEMLUVIO nemolizumab

2011275777 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 18 Mar 2025

For the goods JOENJA leniolisib

2013253374 **Otsuka Pharmaceutical Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 05 Feb 2025

For the goods ABILIFY ASIMTUFII aripiprazole

2014253493 **Novartis AG**

The earliest first regulatory approval date provided by the patentee 18 Mar 2025

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

For the goods JOENJA leniolisib

2017228608 **Otsuka Pharmaceutical Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 02 Feb 2025

For the goods ABILIFY ASIMTUFII aripiprazole

2020204200 **Otsuka Pharmaceutical Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 05 Feb 2025

For the goods ABILIFY ASIMTUFII aripiprazole

2022241491 **Otsuka Pharmaceutical Co., Ltd.**

The earliest first regulatory approval date provided by the patentee 05 Feb 2025

For the goods ABILIFY ASIMTUFII aripiprazole

Applications Accepted

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

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

2005315534 **LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES**

The earliest first regulatory approval date provided by the patentee 11 Jun 2025

For the goods BRIUMVI ublituximab

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

2011350898 **MedinCell**

The earliest first regulatory approval date provided by the patentee 18 Feb 2025

For the goods UZEDY risperidone

Address for service : FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2012289001 **CSL Ltd.; CSL Behring GmbH**

The earliest first regulatory approval date provided by the patentee 14 Jan 2025

For the goods ANDEMBRY garadacimab

Address for service : FB Rice Pty Ltd Level 29 126 Phillip Street Sydney NSW 2000 AU

2021200561 **Revance Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Dec 2024

For the goods DAXXIFY daxibotulinumtoxinA

Address for service : FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

Corrigenda

In Vol 59 , No 28 , Page(s) 3936 under the heading **Applications Accepted - Name Index** Under the name CROWN EQUIPMENT CORPORATION, Application No. 2021358709, under INID (54) correct the title to read SYSTEMS AND METHODS FOR RELATIVE POSE DE-

Corrigenda

TERMINATION AND FIELD ENFORCEMENT OF MATERIALS HANDLING VEHICLES USING ULTRA-WIDEBAND RADIO TECHNOLOGY

In Vol 59 , No 32 , Page(s) 4453 under the heading **Applications Accepted - Name Index** Under the name Graco Minnesota Inc., Application No. 2019350695, under INID (72) correct the co-inventor to MANSHEIM, Michael J, REATH, Nicholas H, KOPEL, Andrew J

Specifications Republished

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

2019305653	Center for Aquaculture Technologies, Inc.
2019305653	Center for Aquaculture Technologies, Inc.
2019371379	INMED PHARMACEUTICALS INC.
2019377278	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
2022204866	Amgen Inc.
2022436043	Jiangsu Advanced Construction Machinery Innovation Center Ltd.