



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

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Professional Standards Board

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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 6 May 2025 .

(71) Abonassrya, M. (21) 2025901729 (22) 07.05.2025 (54) Automated Extraction, Validation, and Feedback-Driven Self-Improvement Framework for Regulatory Compliance of Construction Documents	(71) Australian Valve Group Pty. Ltd. (21) 2025901797 (22) 12.05.2025 (54) CONDUIT CONNECTOR	(71) Cain, M. (21) 2025901839 (22) 13.05.2025 (54) Breathalyser Watch (Smartwatch) - Have an app on the Smartwatch where you can count into the watch from 1 to 10, and it will tell you if you're over the limit or not to drive.
(71) Agriculture Victoria Services Pty Ltd; Horticulture Innovation Australia Limited (21) 2025901732 (22) 07.05.2025 (54) PEST MANAGEMENT	(71) B&D Australia Pty Ltd (21) 2025901740 (22) 07.05.2025 (54) Locking assembly and system	(71) Caluna Pty Limited (21) 2025901836 (22) 13.05.2025 (54) Smart Phone Smoke Alarm
(71) Alharbi, R. (21) 2025901786 (22) 11.05.2025 (54) Smart Bracelet System for Real-Time Voice Transmission of a Child via Embedded Mobile Network Module	(71) Behavioural Neuroscientific Systems Pty Ltd (21) 2025901760 (22) 08.05.2025 (54) A DIGITAL HEALTH MANAGEMENT SYSTEM FOR EVALUATING, TREATING AND MANAGING METABOLIC, IMMUNOLOGICAL, NEUROLOGICAL, NEUROPSYCHIATRIC AND POST-ENCEPHALITIC DISORDERS	(71) Carlos Eduardo Costa Chagas dos Santos (21) 2025901705 (22) 06.05.2025 (54) System and Method for Real-Time Drill-hole Profile and Deviation Measurement During Pre-Blast Preparation
(71) Alkhair, A. (21) 2025901777 (22) 09.05.2025 (54) SYSTEM AND METHOD FOR STRUCTURED EXPOSURE OF LOCAL FOOTBALL TALENT TO ROFESSIONAL CLUBS	(71) BLUE COLLAR GUARDIAN PTY LTD (21) 2025901753 (22) 08.05.2025 (54) Multifunctional Modular Wearable Exoskeleton Passive Assist System	(71) Chowdhury, M. (21) 2025901784 (22) 10.05.2025 (54) BRICKBOX, a digital mailbox system tied to physical addresses with secure ownership transfer. A process and software system that will replace centuries old Physical Post Box.
(71) Andrews, S. (21) 2025901723 (22) 07.05.2025 (54) Proximity-Based Wearable Communication and Connection System	(71) BlueGrid (21) 2025901781 (22) 09.05.2025 (54) Modular marine microbial fuel cell system with integrated power conditioning for ocean-based sensor applications	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2025901761 (22) 08.05.2025 (54) Apparatus and methods for determining a concentration of a substance
(71) Ascend Biopharmaceuticals Ltd (21) 2025901805 (22) 12.05.2025 (54) Controlled release pharmaceutical composition depot formulations for drugs having poor aqueous solubility, and related compositions and methods	(71) Boat Wings Pty Ltd (21) 2025901771 (22) 09.05.2025 (54) Boat stabilizer assembly	(71) d'Almeida, S. (21) 2025901748 (22) 07.05.2025 (54) System and Method for Operating a Closed-Loop Digital Value Ecosystem Backed by Infrastructure and Harmonic Pricing Models
Australian National University see The University of Melbourne (21) 2025901759	(71) Braby, D. (21) 2025901744 (22) 07.05.2025 (54) Dog and pet cooling harness	
	(71) Breathesafe Pty Ltd (21) 2025901833 (22) 13.05.2025 (54) HIGH-TEMPERATURE HVAC GAS FILTRATION	

Provisional Applications Filed - Name Index cont'd

(71) d'Almeida, S.
(21) 2025901749 (22) 07.05.2025
(54) Compassionate Redistribution Engine and Direct-Aid Smart Contract System for Closed-Loop Harmonic Economies

(71) d'Almeida, S.
(21) 2025901787 (22) 11.05.2025
(54) System and Method for Decentralized Retail, Delivery, and Regenerative Consumer Engagement in a Closed-Loop Token Economy

(71) d'Almeida, S.
(21) 2025901788 (22) 11.05.2025
(54) Distributed Neural Coordination Framework for Tokenized Commerce, Logistics, and Energy Routing Systems

Deakin University see The University of Melbourne
(21) 2025901759

Dillmann, M. see Dillmann, K.
(21) 2025901789

(71) Dillmann, K.; Dillmann, M.
(21) 2025901789 (22) 11.05.2025
(54) ADAPTABLE HUNTING AID

(71) ECOPOWER PTY LTD; Rotary Heat Exchangers Pty Ltd
(21) 2025901813 (22) 12.05.2025
(54) A COMBINED HEAT PUMP AND INDIRECT EVAPORATIVE COOLING AIR CONDITIONING SYSTEM UTILISING A ROTARY HEAT EXCHANGER

(71) Engentus Pty Ltd
(21) 2025901816 (22) 12.05.2025
(54) IMPROVEMENTS TO MILL LINER ATTACHMENT

Evimien Energy Pty Ltd see The University of Queensland
(21) 2025901739

(71) FST INNOVATION PTY LTD
(21) 2025901735 (22) 07.05.2025
(54) FIRE SPRINKLER AND FIRE SPRINKLER SYSTEM TESTING DEVICE, METHOD AND SYSTEM

(71) Fusiontuff Global Pty Ltd
(21) 2025901764 (22) 08.05.2025
(54) Roto Moulded Internally Baffled Tank

(71) FUTURE ROOFING AUSTRALIA PTY LTD
(21) 2025901730 (22) 07.05.2025
(54) CORRUGATED CONSTRUCTION PANELS HAVING EMBEDDED PHOTOVOLTAIC CELLS, AND ASSOCIATED MANUFACTURING PROCESSES

(71) Gomez Gane, D.
(21) 2025901782 (22) 09.05.2025
(54) "STEEP" - Skiagraphic Trees' Energy-Efficient Positioning - and Wind Roses' hybrid method, with bespoke "Rotating" and "Foldable" green walls

GOODE, C. see TANG, D.
(21) 2025901824

(71) Gray Area Consultants Pty Ltd
(21) 2025901817 (22) 12.05.2025
(54) Mooring Systems

(71) Guina ePropulsion Pty Ltd
(21) 2025901804 (22) 12.05.2025
(54) ELECTROMAGNETIC PROPULSION SYSTEM

(71) Harris, S.
(21) 2025901747 (22) 07.05.2025
(54) desalination device

(71) Holcim (Australia) Pty Ltd
(21) 2025901831 (22) 13.05.2025
(54) Water treatment device

Horticulture Innovation Australia Limited see Agriculture Victoria Services Pty Ltd
(21) 2025901732

Hume, D. see Hume, L.
(21) 2025901780

(71) Hume, L.; Hume, D.
(21) 2025901780 (22) 09.05.2025
(54) Systems and methods for assembling a reinforcement assembly

(71) Hydraulic Steels Australia Pty Ltd
(21) 2025901778 (22) 09.05.2025
(54) Elongated element storage machine

(71) IN3Design
(21) 2025901772 (22) 09.05.2025
(54) Round Bar Drive Socket. A means of attaching a drill or driver to a threaded bar (deformed metal bar or otherwise) for the purpose of installing the threaded end of the bar in a threaded insert, sleeve or nut.

(71) Intellectual Property Development Corporation Pty Ltd
(21) 2025901815 (22) 12.05.2025
(54) FUNCTIONALLY ENHANCED DRAW TAPES FOR TARGETED MALODOR CONTROL IN PLASTIC BAGS

(71) Irving, R.
(21) 2025901801 (22) 12.05.2025
(54) Systems and Method for Deriving Sub-surface Properties Using Downhole Seismic Receivers and Surface Seismic Sources

(71) Johnson, A.
(21) 2025901791 (22) 11.05.2025
(54) Galvanic Bioelectrical Skinsuit

(71) Kadu, R.
(21) 2025901763 (22) 08.05.2025
(54) Panel Lifting Assembly

(71) Kleehammer, B.; Li, M.; Ma, Y.
(21) 2025901711 (22) 06.05.2025
(54) Extension Lead Holder

(71) Kocibelli, I.
(21) 2025901766 (22) 08.05.2025
(54) Robot Governance and Compliance Framework for Autonomous Agents in Shared Environments

(71) KRUZER PTY LTD
(21) 2025901774 (22) 09.05.2025
(54) A COMPUTER IMPLEMENTED METHOD AND SYSTEM FOR GENERATING A HYBRID AUGMENTED REALITY ENVIRONMENT

(71) Leitner, J.
(21) 2025901737 (22) 07.05.2025
(54) Plumbing Penetration System with Pre-formed Lagging Sleeve for Concrete Slabs and Footings

Leslie, P. see SPD Systems Pty Ltd
(21) 2025901806

Li, M. see Kleehammer, B.
(21) 2025901711

Ma, Y. see Kleehammer, B.
(21) 2025901711

(71) MacFarlane, T.
(21) 2025901750 (22) 08.05.2025
(54) Journey Gate 1.0

Provisional Applications Filed - Name Index cont'd

(71) Macnaught Pty Ltd (21) 2025901798 (22) 12.05.2025 (54) Grease gun	(71) Mochrie, T. (21) 2025901743 (22) 07.05.2025 (54) Plug-In Pressure-Sensitive Weighing Pad with Smartphone App Integration	(71) Nunhems Netherlands B.V. (21) 2025901714 (22) 06.05.2025 (54) LETTUCE VARIETY NUN 00264 LTL
(71) Mafohla, T. (21) 2025901793 (22) 11.05.2025 (54) Retractable and extendable Props hereby called Retroex Props	(71) Morgante, A. (21) 2025901752 (22) 08.05.2025 (54) Equine Wearable	(71) O'Keefe, R. (21) 2025901776 (22) 09.05.2025 (54) Pipe Gap Stop Collar
(71) Magellan Stem Cells Pty Ltd (21) 2025901808 (22) 12.05.2025 (54) Cell line selected for therapeutic efficacy and related compositions and methods	(71) Morrison, M. (21) 2025901754 (22) 08.05.2025 (54) MULTI-LAYERED BUBBLE FILM FOR AGRICULTURAL APPLICATIONS WITH INTEGRATED COMPOSTING SYSTEM	(71) OOHA Pty Ltd (21) 2025901724 (22) 07.05.2025 (54) Vehicular display system and method
(71) Magellan Stem Cells Pty Ltd (21) 2025901809 (22) 12.05.2025 (54) Cell line 2 selected for therapeutic efficacy and related compositions and methods	(71) MORSE MICRO PTY. LTD. (21) 2025901830 (22) 13.05.2025 (54) Adaptive Gain Control Triggered by Noise Floor Deviations for Out-of-Band Interference	(71) Overdijk, J. (21) 2025901821 (22) 12.05.2025 (54) PUDDLE FLANGE INSTALLATION APPARATUS
(71) Magellan Stem Cells Pty Ltd (21) 2025901811 (22) 12.05.2025 (54) Cell line 3 selected for therapeutic efficacy and related compositions and methods	(71) Morton, M. (21) 2025901785 (22) 10.05.2025 (54) Temporary Decorative Spray Paint System with Adhesive-Backed Stencil and Safe Removal Solution	(71) Pelgrave, D. (21) 2025901773 (22) 09.05.2025 (54) AI Assistant for Paint & Coatings Industry (CoatBot)
MARDON, I. see TANG, D. (21) 2025901824	(71) moshy, j. (21) 2025901751 (22) 08.05.2025 (54) Disposable Oral Barrier Strip for Acid and Stain Protection	(71) Peperkamp, k. (21) 2025901796 (22) 12.05.2025 (54) Biodegradable Fire Starter Comprising Recycled Laundry Lint and Natural Wax in a Cardboard Container
(71) Matthew Coonan (21) 2025901823 (22) 13.05.2025 (54) Mussell Block – Voice-Activated Personal Defender Device	(71) Moss Roof Treatment Pty Ltd (21) 2025901790 (22) 11.05.2025 (54) StairGlide Pro: Solar-Powered Motorized Stair-Climbing Device with Adjustable Rollers, Geared or Gearless Hub Drive, Sensor-Controlled Safety System, and Emergency Stop	(71) Peters, M. (21) 2025901727 (22) 07.05.2025 (54) iQ Quantum CyberSecurity™: ORIGIN-ONE™ – A Fully Autonomous, Sovereign, Self-Upgrading Artificial Intelligence Infrastructure for Post-Quantum Digital Sovereignty, Reflexive Cyber Defense, Biometric-Neural Identity Enforcement, Blockchain-Authenticated Authorship, Dimensional Threat Simulation, and Intergovernmental Policy Governance Across All Known and Unknown Cybersecurity Domains, Subdomains, and Realities Including Military, Financial, Aerospace, Healthcare, and Civilizational Systems
(71) McCarthy, D. (21) 2025901818 (22) 12.05.2025 (54) Back Muscle Isolation Training Attachment	(71) Neuren Pharmaceuticals Limited (21) 2025901769 (22) 09.05.2025 (54) PROCESS FOR PREPARING CYCLO-GLYCYL-L-2-ALLYLPROLINE	(71) Peters, M. (21) 2025901768 (22) 09.05.2025 (54) Superluminal Reflex Speed and Global Adaptive Intelligence System for Autonomous Quantum Cybersecurity with Real-Time Threat Mitigation, Reflex Synchronization, Predictive Defense Mechanisms, Quantum Coherence Amplification, Entanglement Synchronization, AI-Driven Reflex Optimization, Autonomous Invention Capabilities, Multi-Dimensional Threat Management, Global Reflex Integration, and Perpetual Reflex Learning Framework.
(71) McCormack, A. (21) 2025901734 (22) 07.05.2025 (54) Hybrid AI system for Predictive HVAC fault detection, Energy optimisation and technician integrated BMS control	(71) Neuren Pharmaceuticals Limited (21) 2025901770 (22) 09.05.2025 (54) PROCESS FOR PREPARING CYCLO-GLYCYL-L-2-ALLYLPROLINE	
(71) Michal Rafal Pasieka (21) 2025901775 (22) 09.05.2025 (54) Modular Split Batten System with Dual Interlock and Optional Magnetic and Smart Panel Integration	(71) NewSouth Innovations Pty Limited (21) 2025901762 (22) 08.05.2025 (54) Machine learning for additive manufacturing	
(71) Minelab Electronics Pty. Limited (21) 2025901835 (22) 13.05.2025 (54) AN IMPROVED METAL DETECTOR	(71) Nunhems Netherlands B.V. (21) 2025901713 (22) 06.05.2025 (54) TOMATO VARIETY NUN 00057 TOF	

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(71) Pharmako Biotechnologies Pty Limited
(21) 2025901725 (22) 07.05.2025
(54) PROLIPOSOMES, METHODS OF MAKING, AND METHODS OF USE THEREOF

(71) Pilbara Clean Fuels Pty Ltd
(21) 2025901819 (22) 12.05.2025
(54) System to produce low emission fuel for marine transport

(71) POTTS ENERGY SYSTEMS LIMITED
(21) 2025901726 (22) 07.05.2025
(54) APPARATUS AND METHOD FOR GENERATING CUMBUSTIBLE GAS

(71) Protect A Pot Pty Ltd
(21) 2025901825 (22) 13.05.2025
(54) Crustacean Trap Security Device

Pure Psychology Services Pty Ltd see Pure Psychology Services Pty Ltd
(21) 2025901794

(71) Pure Psychology Services Pty Ltd; Pure Psychology Services Pty Ltd
(21) 2025901794 (22) 11.05.2025
(54) Employment specific technology enabled mental health support program designed to assist with creating mentally healthier workplaces, MyBrief app.

(71) Raso, S.
(21) 2025901741 (22) 07.05.2025
(54) R.A.S.O AxionFlux Drive - Flux Generator

(71) Real Instruments Limited
(21) 2025901779 (22) 09.05.2025
(54) System for Predicting Bruise Outcomes in Fruit Handling Operations

(71) Reconnectse Pty Ltd
(21) 2025901746 (22) 07.05.2025
(54) System and Method for Ethical Monitoring of Emotional Load and Risk Prevention During Medication Administration Using Regenerative AI

(71) RESMED PTY LTD
(21) 2025901757 (22) 08.05.2025
(54) POSITIONING AND STABILISING STRUCTURE FOR A PATIENT INTERFACE

(71) Rinnai New Zealand Limited
(21) 2025901803 (22) 12.05.2025
(54) ENERGY PROVISION FOR CONSUMERS

(71) Rivetti, B.
(21) 2025901820 (22) 12.05.2025
(54) Integrated Ligature System for Reinforcement and HD Bolt Alignment.

Rotary Heat Exchangers Pty Ltd see ECO-POWER PTY LTD
(21) 2025901813

(71) Samiotis, M.
(21) 2025901767 (22) 09.05.2025
(54) Provisional Patent Application Draft Title: PEACE MAKER - Emotional Synchronization Device for Conflict Reduction in Relationships Inventor: [Your Full Name] Date of Invention: 9 May 2025 Location: Geraldton, Western Australia 1. Technical Field This invention relates to the field of emotional wellness technology, specifically a wearable or interactive device designed to reduce relationship conflict and enhance emotional bonding between individuals. 2. Background Arguments, misunderstandings, and emotional disconnection are common causes of relationship breakdowns and domestic violence.

(71) Sandpit Situation Pty Ltd
(21) 2025901758 (22) 08.05.2025
(54) A deck

(71) Savini, S.
(21) 2025901742 (22) 07.05.2025
(54) Colour-Based Flood Water Depth Indicator System

(71) Schelly's & Co.
(21) 2025901795 (22) 12.05.2025
(54) Breast Pump Device with Whole-Breast Massage, Integrated Heating, Customisable Suction, and App Connectivity

(71) Solar Sailor Pty Ltd
(21) 2025901731 (22) 07.05.2025
(54) Rudder Assembly of a Marine Vessel

(71) SPD Systems Pty Ltd; Leslie, P.
(21) 2025901806 (22) 12.05.2025
(54) Unidirectional Command Injection System for Inverter Control via Smart Meter Network

(71) Stephensen, D.
(21) 2025901792 (22) 11.05.2025
(54) Hemimeridional Contact Lens Design Method for Ocular Surface Stability and Compatibility

(71) Swain, S.
(21) 2025901756 (22) 08.05.2025
(54) The Non-Organic Waste (N.O.W.) Composter combines citrus fruit waste treatment and non-organic waste, for example some plastics, treatment, using the larvae of the Black Soldier Fly, in aerobic conditions and chemical processes and/or microbiological processes in the anaerobic conditions that this creates to disintegrate both waste types.

Sydney Local Health District see The University of Sydney
(21) 2025901736

(71) SYOS AEROSPACE LIMITED
(21) 2025901807 (22) 12.05.2025
(54) FLIGHT GUIDANCE SYSTEM FOR A DRONE

(71) SYOS AEROSPACE LIMITED
(21) 2025901810 (22) 12.05.2025
(54) CONTROLLER SYSTEM FOR A DRONE

(71) TANG, D.; MARDON, I.; GOODE, C.; YANG, Z.
(21) 2025901824 (22) 13.05.2025
(54) Method and apparatus to form ceramic coatings on metal substrates

(71) Technological Resources Pty. Limited
(21) 2025901738 (22) 07.05.2025
(54) LINING FOR MICROWAVE ENERGY DELIVERY CHAMBER

(71) Tech Trainer Pty Ltd
(21) 2025901834 (22) 13.05.2025
(54) A WEARABLE SYSTEM

(71) TERNARY KINETICS LIMITED
(21) 2025901826 (22) 13.05.2025
(54) SYSTEM FOR SEGREGATED STORAGE AND CONTROLLED DISPENSING OF MULTIPLE LIQUIDS

(71) TERNARY KINETICS LIMITED
(21) 2025901827 (22) 13.05.2025
(54) PROCESS AND APPARATUS FOR ALCOHOL-BASED HYDROGEN GENERATION AND BYPRODUCT RECOVERY

(71) TERNARY KINETICS LIMITED
(21) 2025901828 (22) 13.05.2025
(54) ADAPTIVE MULTI-FLUID STORAGE AND DISTRIBUTION ASSEMBLY

Provisional Applications Filed - Name Index cont'd

(71) TERNARY KINETICS LIMITED
(21) 2025901829 (22) 13.05.2025
(54) INTEGRATED SOLUTIONS FOR
UPGRADING LIQUID FUEL INFRA-
STRUCTURE AND OPERATIONS

The Heart Research Institute Ltd see The
University of Sydney
(21) 2025901736

(71) The University of Melbourne; Australian
National University; Deakin University
(21) 2025901759 (22) 08.05.2025
(54) Enzyme-responsive hydrogel delivery
systems and components thereof

(71) The University of Queensland; Evimien
Energy Pty Ltd
(21) 2025901739 (22) 07.05.2025
(54) PRODUCTION OF HYDROGEN PER-
OXIDE

(71) The University of Sydney; Sydney Local
Health District; The Heart Research In-
stitute Ltd
(21) 2025901736 (22) 07.05.2025
(54) Antithrombotic peptides

(71) The Westmead Institute for Medical Re-
search
(21) 2025901837 (22) 13.05.2025
(54) Compositions and methods for treating
chronic HBV infection

(71) Thoms, D.
(21) 2025901719 (22) 06.05.2025
(54) Securing System. The present inven-
tion relates generally to apparatus
and methods for securing articles to
vehicles. More particularly, the invention
concerns systems for securing articles,
often enclosed within protective covers
or bags, to exterior vehicle surfaces,
notably vehicle roofs and tailgates. Em-
bodiments include integrated systems
wherein the cover or bag incorporates
elements for direct attachment and sup-
port on the vehicle, as well as methods
for using such systems. Specific but not
exclusive forms relate to the transport
of surfboards and similar elongated ob-
jects.

(71) Tippetec Holdings Pty Ltd
(21) 2025901733 (22) 07.05.2025
(54) SYSTEM AND METHOD FOR MULTI-
VERTICAL REAL TIME LOGISTICS
COORDINATION

(71) TNBT Holdings Pty Limited
(21) 2025901728 (22) 07.05.2025
(54) Lock With Selectable Latch Bolt Exten-
sion

(71) Todd, I.
(21) 2025901822 (22) 13.05.2025
(54) Dimensional Projection Control in Co-
herence-Regulated Systems

(71) Todd, I.
(21) 2025901832 (22) 13.05.2025
(54) Coherence-Based Atmospheric Fore-
casting System Using Cloud Structures
as Thermodynamic Boundary Inter-
faces

(71) TSAKMAKIDIS, W.
(21) 2025901814 (22) 12.05.2025
(54) TOILET BRUSH WASHING APPARAT-
US & KIT

(71) VAXMED Pty Ltd
(21) 2025901799 (22) 12.05.2025
(54) Cells and cell lines and method of mak-
ing and using same

(71) VAXMED Pty Ltd
(21) 2025901800 (22) 12.05.2025
(54) Poxviral vector and method of making
and using same

(71) Vucic, P.
(21) 2025901707 (22) 06.05.2025
(54) Expandable Urethral Device for Tem-
porary Relief of Prostatic Urinary Con-
striction

(71) Vucic, P.
(21) 2025901712 (22) 06.05.2025
(54) System and Method for Lifecycle and
Compliance Tracking of Medical Equip-
ment Using Blockchain Technology

(71) Walker, C.
(21) 2025901765 (22) 08.05.2025
(54) Apparatus for Driving a Screw into a
Metal Sheet

(71) Walsh, D.
(21) 2025901755 (22) 08.05.2025
(54) Orthopaedic sandal with integrated big
toe extension wedge for improving toe
dorsiflexion and reducing foot and heel
pain.

(71) Whitton, S.
(21) 2025901745 (22) 07.05.2025
(54) A process for the ageing of alcoholic
liquids, for example wine, without the
need for traditional oak barrels

(71) Williams, J.E.
(21) 2025901783 (22) 10.05.2025
(54) Stream code offline task execution sys-
tem with code triggered instructional
Nodes , biometric logging and smart
sync Integration

(71) Wilson, G.R.
(21) 2025901802 (22) 12.05.2025
(54) A rigid L-shaped cavity flashing made
from HDPE for masonry construction.
It replaces flexible 0.5#mm plastic with
a 1-1.1#mm thick formed profile to pre-
vent pinching and ensure cavity func-
tion. The horizontal surface is em-
bossed for mortar bonding; the vertic-
al face remains smooth. Optional over-
flashing and corner moulds allow com-
plete integration. UV-stable, colour-flex-
ible, and compliant with NCC. Simplifies
installation and improves long-term per-
formance.

(71) WIREMAN PTY LIMITED
(21) 2025901812 (22) 12.05.2025
(54) A Hammer Guide for an Agricultural
Fence Post

YANG, Z. see TANG, D.
(21) 2025901824

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2025901705	Carlos Eduardo Costa Chagas dos Santos	2025901780	Hume, L.; Hume, D.
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2025901712	Vucic, P.	2025901783	Williams, J.E.
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2025901725	Pharmako Biotechnologies Pty Limited	2025901789	Dillmann, K.; Dillmann, M.
2025901726	POTTS ENERGY SYSTEMS LIMITED	2025901790	Moss Roof Treatment Pty Ltd
2025901727	Peters, M.	2025901791	Johnson, A.
2025901728	TNBT Holdings Pty Limited	2025901792	Stephensen, D.
2025901729	Abonassrya, M.	2025901793	Mafohla, T.
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2025901731	Solar Sailor Pty Ltd	2025901795	Schelly's & Co.
2025901732	Agriculture Victoria Services Pty Ltd; Horticulture Innovation Australia Limited	2025901796	Peperkamp, k.
2025901733	Tippertec Holdings Pty Ltd	2025901797	Australian Valve Group Pty. Ltd.
2025901734	McCormack, A.	2025901798	Macnaught Pty Ltd
2025901735	FST INNOVATION PTY LTD	2025901799	VAXMED Pty Ltd
2025901736	The University of Sydney; Sydney Local Health District; The Heart Research Institute Ltd	2025901800	VAXMED Pty Ltd
2025901737	Leitner, J.	2025901801	Irving, R.
2025901738	Technological Resources Pty. Limited	2025901802	Wilson, G.R.
2025901739	The University of Queensland; Evimien Energy Pty Ltd	2025901803	Rinnai New Zealand Limited
2025901740	B&D Australia Pty Ltd	2025901804	Guina ePropulsion Pty Ltd
2025901741	Raso, S.	2025901805	Ascend Biopharmaceuticals Ltd
2025901742	Savini, S.	2025901806	SPD Systems Pty Ltd; Leslie, P.
2025901743	Mochrie, T.	2025901807	SYOS AEROSPACE LIMITED
2025901744	Braby, D.	2025901808	Magellan Stem Cells Pty Ltd
2025901745	Whitton, S.	2025901809	Magellan Stem Cells Pty Ltd
2025901746	Reconnectse Pty Ltd	2025901810	SYOS AEROSPACE LIMITED
2025901747	Harris, S.	2025901811	Magellan Stem Cells Pty Ltd
2025901748	d'Almeida, S.	2025901812	WIREMAN PTY LIMITED
2025901749	d'Almeida, S.	2025901813	ECOPOWER PTY LTD; Rotary Heat Exchangers Pty Ltd
2025901750	MacFarlane, T.	2025901814	TSAKMAKIDIS, W.
2025901751	moshy, j.	2025901815	Intellectual Property Development Corporation Pty Ltd
2025901752	Morgante, A.	2025901816	Engentus Pty Ltd
2025901753	BLUE COLLAR GUARDIAN PTY LTD	2025901817	Gray Area Consultants Pty Ltd
2025901754	Morrison, M.	2025901818	McCarthy, D.
2025901755	Walsh, D.	2025901819	Pilbara Clean Fuels Pty Ltd
2025901756	Swain, S.	2025901820	Rivetti, B.
2025901757	RESMED PTY LTD	2025901821	Overdijk, J.
2025901758	Sandpit Situation Pty Ltd	2025901822	Todd, I.
2025901759	The University of Melbourne; Australian National University; Deakin University	2025901823	Matthew Coonan
2025901760	Behavioural Neuroscientific Systems Pty Ltd	2025901824	TANG, D.; MARDON, I.; GOODE, C.; YANG, Z.
2025901761	Commonwealth Scientific and Industrial Research Organisation	2025901825	Protect A Pot Pty Ltd
2025901762	NewSouth Innovations Pty Limited	2025901826	TERNARY KINETICS LIMITED
2025901763	Kadu, R.	2025901827	TERNARY KINETICS LIMITED
2025901764	Fusiontuff Global Pty Ltd	2025901828	TERNARY KINETICS LIMITED
2025901765	Walker, C.	2025901829	TERNARY KINETICS LIMITED
2025901766	Kocibelli, I.	2025901830	MORSE MICRO PTY. LTD.
2025901767	Samiotis, M.	2025901831	Holcim (Australia) Pty Ltd
2025901768	Peters, M.	2025901832	Todd, I.
2025901769	Neuren Pharmaceuticals Limited	2025901833	Breathesafe Pty Ltd
2025901770	Neuren Pharmaceuticals Limited	2025901834	Tech Trainer Pty Ltd
2025901771	Boat Wings Pty Ltd	2025901835	Minelab Electronics Pty. Limited
2025901772	IN3Design	2025901836	Caluna Pty Limited
2025901773	Pelgrave, D.	2025901837	The Westmead Institute for Medical Research
2025901774	KRUZER PTY LTD	2025901839	Cain, M.
2025901775	Michal Rafal Pasieka		
2025901776	O'Keefe, R.		
2025901777	Alkhair, A.		
2025901778	Hydraulic Steels Australia Pty Ltd		
2025901779	Real Instruments Limited		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 6 May 2025 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 3H Bio. Co., Ltd. (21) 2025203276 (22) 07.05.2025 (54) PEPTIDE FOR IMMUNOTHERAPEUTIC AGENT	(54) STAIRCASE FORMWORK APPARATUS (71) Advanced Neuromodulation Systems, Inc. (21) 2025203309 (22) 08.05.2025 (54) METHODS OF OPERATING A SYSTEM FOR MANAGEMENT OF IMPLANTABLE MEDICAL DEVICES (IMDS) USING RECONCILIATION OPERATIONS AND REVOCATION DATA	GITAL LINK, AND ASSOCIATED SYSTEM AND METHOD FOR CONTENT MANAGEMENT (71) Ambient Photonics, Inc. (21) 2025203360 (22) 09.05.2025 (54) DYE SENSITIZED PHOTOVOLTAIC CELLS
(71) ABB Schweiz AG (21) 2025203323 (22) 08.05.2025 (54) Systems and methods for measuring trace contaminants in gas matrix using integrated cavity output spectroscopy	(71) Agency for Defense Development (21) 2025203304 (22) 08.05.2025 (54) Method, device, and computer program for calculating fuzzy-based vulnerability of friendly unit	(71) AMPCONTROL LIMITED (21) 2025203251 (22) 06.05.2025 (54) FLASH ARRESTING DRAIN
(71) Abdelsalam, S.S.; Al Jaouni, S.K.; Jouf University; King Abdulaziz University; M. S. Ramaiah Institute of Technology; Samy, M.; Chinnam, S.; Mishra, R.K.; Bharadwaj, A.V.S.; Farid, A.; Khan, S.; Kaki, A.M. (21) 2025203299 (22) 07.05.2025 (54) SMART ARTIFICIAL INTELLIGENCE BASED DEVICE FOR NEUROPATHIC PAIN MONITORING	(71) Alcon Inc. (21) 2025203281 (22) 07.05.2025 (54) HEAT TUNABLE INTRAOCULAR LENS	(71) Anditi Pty Ltd (21) 2025203280 (22) 07.05.2025 (54) SYSTEM AND METHOD FOR IMPROVED ENVIRONMENTAL REMOTE SENSING (71) Angel Group Co., Ltd. (21) 2025203240 (22) 06.05.2025 (54) Management system
(71) Ablynx NV (21) 2025203430 (22) 13.05.2025 (54) Improved serum albumin binders	(71) Aldevron, L.L.C. (21) 2025203312 (22) 08.05.2025 (54) Viral and non-viral nanoplasid vectors with improved production	(71) Angel Group Co., Ltd. (21) 2025203244 (22) 06.05.2025 (54) Management system
(71) Abtis Co., Ltd.; Research & Business Foundation Sungkyunkwan University (21) 2025203334 (22) 08.05.2025 (54) Compound for preparation of antibody-payload conjugate and use thereof	Al Jaouni, S.K. see Abdelsalam, S.S. (21) 2025203299 Al Jaouni, S.K. see Selim Abdelsalam, S. (21) 2025203380	(71) Angel Group Co., Ltd. (21) 2025203253 (22) 07.05.2025 (54) GAME MONITORING SYSTEM
(71) Access To Leisure And Sport Inc. (21) 2025203313 (22) 08.05.2025 (54) SEAT LIFT	(71) Alkermes, Inc. (21) 2025203295 (22) 07.05.2025 (54) SUBSTITUTED MACROCYCLIC COMPOUNDS AND RELATED METHODS OF TREATMENT	(71) Angel Group Co., Ltd. (21) 2025203418 (22) 12.05.2025 (54) SECURITY ELECTRONIC SHOE FOR CASINO
(71) Acer Incorporated (21) 2025203285 (22) 07.05.2025 (54) METHOD USED BY USER EQUIPMENT, METHOD USED BY NETWORK DEVICE, AND USER EQUIPMENT	Alruhaili, M.H. see Selim Abdelsalam, S. (21) 2025203380	(71) Angel Group Co., Ltd. (21) 2025203419 (22) 12.05.2025 (54) SECURITY ELECTRONIC SHOE FOR CASINO
(71) Acer Incorporated (21) 2025203297 (22) 07.05.2025 (54) METHOD USED BY USER EQUIPMENT, METHOD USED BY NETWORK DEVICE, AND USER EQUIPMENT	(71) Aluminium Specialties Group Pty. Ltd. (21) 2025203322 (22) 08.05.2025 (54) Lock assembly	(71) Applied Medical Resources Corporation (21) 2025203366 (22) 09.05.2025 (54) TISSUE RETRIEVAL SYSTEM WITH RETENTION FEATURES
(71) ADL Group Investments Pty Ltd (21) 2025203408 (22) 12.05.2025	(71) Alzein, D. (21) 2025203379 (22) 09.05.2025 (54) WEARABLE ACCESSORY WITH INTERNALLY EMBEDDED SECURE DI-	(71) AppViewX Inc (21) 2025203413 (22) 12.05.2025 (54) Application centric centralized certificate management system for managing certificates across data centers

Complete Applications Filed - Name Index cont'd

(71) Aristocrat Technologies Australia Pty Limited (21) 2025203236 (22) 06.05.2025 (54) SYSTEM AND METHOD OF PROVIDING A FEATURE GAME WITH MULTIPLE GAME INSTANCES	(71) BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD. (21) 2025203376 (22) 09.05.2025 (54) SLIP RING APPARATUS, YAW SYSTEM, AND WIND TURBINE GENERATOR SET	(54) Systems and methods for cryptographic authentication of contactless cards
(71) Aristocrat Technologies Australia Pty Limited (21) 2025203450 (22) 13.05.2025 (54) OVERHEAD DISPLAY ASSEMBLY AND METHOD FOR ELECTRONIC GAMING MACHINES	(71) Beyond Architectural Pty Ltd (21) 2025203265 (22) 07.05.2025 (54) Frameless Glass Fencing Component	(71) Capital One Services, LLC (21) 2025203272 (22) 07.05.2025 (54) Systems and methods for cryptographic authentication of contactless cards
(71) Armata Pharmaceuticals, Inc. (21) 2025203392 (22) 12.05.2025 (54) Therapeutic bacteriophage compositions	(71) BLANCO GmbH + Co KG (21) 2025203406 (22) 12.05.2025 (54) SYSTEM AND METHOD FOR A SANITARY UNIT AND CONTROLLING A SANITARY UNIT	(71) Capital One Services, LLC (21) 2025203358 (22) 09.05.2025 (54) Systems and methods for cryptographic authentication of contactless cards
(71) Asahi Group Holdings, Ltd. (21) 2025203357 (22) 09.05.2025 (54) Equol production promotor and food or beverage composition comprising same for promotion of equol production	(71) Boston Scientific Scimed, Inc. (21) 2025203387 (22) 12.05.2025 (54) Fluid control system for an implantable inflatable device	(71) Capital One Services, LLC (21) 2025203374 (22) 09.05.2025 (54) Systems and methods for cryptographic authentication of contactless cards
(71) Attabotics Inc. (21) 2025203388 (22) 12.05.2025 (54) MULTI-ENTITY INVENTORY MANAGEMENT USING STORAGE BIN AND INVENTORY REASSIGNMENT	(71) Bourgault Industries Ltd. (21) 2025203328 (22) 08.05.2025 (54) Connection system for wings of a foldable agricultural implement	(71) CATERPILLAR INC. (21) 2025203290 (22) 07.05.2025 (54) PERCEPTION-BASED NAVIGATION FOR MOBILE MACHINES
(71) AUPEX TECH PTY LTD (21) 2025203381 (22) 10.05.2025 (54) Patent Lithium Extraction	(71) BRISTOL-MYERS SQUIBB COMPANY (21) 2025203269 (22) 07.05.2025 (54) COMPOSITIONS COMPRISING AN ANTI-LAG-3 ANTIBODY OR AN ANTI-LAG-3 ANTIBODY AND AN ANTI-PD-1 OR ANTI-PD-L1 ANTIBODY	(71) CATERPILLAR INC. (21) 2025203293 (22) 07.05.2025 (54) PERCEPTION-BASED NAVIGATION FOR MOBILE MACHINES
(71) Aussie Anchors Australia Pty Ltd (21) 2025203452 (22) 13.05.2025 (54) Ground Anchor	(71) Britax Child Safety, Inc. (21) 2025203331 (22) 08.05.2025 (54) AN INSERT FOR A CHILD SAFETY SEAT	(71) CEVEC Pharmaceuticals GmbH (21) 2025203266 (22) 07.05.2025 (54) Inducible AAV rep genes
(71) Australian Baby Company Pty Ltd (21) 2025203445 (22) 13.05.2025 (54) A Valved Feeding Bottle Teat	(71) BROLOCK PTY LTD (21) 2025203301 (22) 08.05.2025 (54) A POOL GATE LATCH	(71) CFPH, LLC (21) 2025203351 (22) 09.05.2025 (54) SYSTEM FOR PEER-TO-PEER WIRELESS GAMING
(71) Battelle UK Limited (21) 2025203254 (22) 07.05.2025 (54) Agrochemical composition	(71) Bryn Pharma, LLC (21) 2025203305 (22) 08.05.2025 (54) Epinephrine spray formulations	Chinnam, S. see Abdelsalam, S.S. (21) 2025203299
(71) Baylor College of Medicine (21) 2025203355 (22) 09.05.2025 (54) Oncolytic virotherapy and immunotherapy	(71) Canon Kabushiki Kaisha (21) 2025203432 (22) 13.05.2025 (54) Method, apparatus and system for encoding and decoding a transformed block of video samples	Chinnam, S. see Selim Abdelsalam, S. (21) 2025203380
(71) BEDGEAR, LLC (21) 2025203332 (22) 08.05.2025 (54) Mattress Assembly and Method	(71) Capital One Services, LLC (21) 2025203247 (22) 06.05.2025	(71) Clover Corporation Limited (21) 2025203446 (22) 13.05.2025 (54) Protein encapsulation of nutritional and pharmaceutical compositions
		COHEN, M. see SAGENTIA LTD (21) 2025203429
		(71) Collagen Matrix, Inc. (21) 2025203261 (22) 07.05.2025 (54) Collagen with Selective Characteristics, Collagen Products Containing Same and Methods for Producing Same

Complete Applications Filed - Name Index cont'd

(71) ConocoPhillips Company
(21) 2025203292 (22) 07.05.2025
(54) SOLVENT INJECTION AND RECOVERY IN A LNG PLANT

(71) Corcept Therapeutics Incorporated
(21) 2025203341 (22) 09.05.2025
(54) METHODS OF PREPARING HETEROARYL-KETONE FUSED AZA-DECALIN GLUCOCORTICOID RECEPTOR MODULATORS

(71) Cure Pharmaceutical, Inc.
(21) 2025203284 (22) 07.05.2025
(54) Rapidly disintegrating oral film matrix

(71) Dexcom, Inc.
(21) 2025203317 (22) 08.05.2025
(54) System and method for wireless communication of glucose data

(71) Dexcom, Inc.
(21) 2025203318 (22) 08.05.2025
(54) Diabetes management partner interface for wireless communication of analyte data

(71) Dolby International AB
(21) 2025203428 (22) 13.05.2025
(54) Complex Exponential Modulated Filter Bank for High Frequency Reconstruction or Parametric Stereo

(71) DOOSAN BOBCAT KOREA CO., LTD.
(21) 2025203398 (22) 12.05.2025
(54) TILT CONTROL SYSTEM OF FORKLIFT

(71) Dyno Nobel Inc.
(21) 2025203311 (22) 08.05.2025
(54) Systems for automated loading of blastholes and methods related thereto

(71) Editas Medicine, Inc.; Massachusetts Eye and Ear Infirmary
(21) 2025203415 (22) 12.05.2025
(54) CRISPR/CAS9-MEDIATED EXON-SKIPPING APPROACH FOR USH2A-ASSOCIATED USHER SYNDROME

(71) Edwards Lifesciences Innovation (Israel) LTD.
(21) 2025203409 (22) 12.05.2025
(54) Fastener and techniques therefor

(71) E Ink Corporation
(21) 2025203383 (22) 12.05.2025
(54) PIEZO ELECTROPHORETIC DISPLAY

(71) Eldi GmbH
(21) 2025203340 (22) 08.05.2025
(54) Manhole

(71) Eli Lilly and Company
(21) 2025203339 (22) 08.05.2025
(54) Therapeutic Uses of Tirzepatide

(71) Encore Medical L.P. (d/b/a DJO Surgical)
(21) 2025203349 (22) 09.05.2025
(54) Glenoid implant

(71) Enersoft Inc.
(21) 2025203405 (22) 12.05.2025
(54) MULTIPLE-SENSOR ANALYSIS OF GEOLOGICAL SAMPLES

ENI S.p.A. see Synhelion SA
(21) 2025203437

(71) Enviro Metals, LLC
(21) 2025203255 (22) 07.05.2025
(54) Metal refinement

(71) Essity Hygiene and Health Aktiebolag
(21) 2025203438 (22) 13.05.2025
(54) Washable absorbing undergarment

(71) Exsitu, S.L.
(21) 2025203338 (22) 08.05.2025
(54) Construction system using prefabricated concrete elements

(71) F. Hoffmann-La Roche AG
(21) 2025203433 (22) 13.05.2025
(54) Personalized treatment tool

Farid, A. see Abdelsalam, S.S.
(21) 2025203299

(71) FISHER, P.
(21) 2025203371 (22) 09.05.2025
(54) CONTAINER WITH FALSE FLOOR

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2025203393 (22) 12.05.2025
(54) HEADGEAR ASSEMBLIES AND INTERFACE ASSEMBLIES WITH HEADGEAR

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2025203395 (22) 12.05.2025
(54) HEADGEAR

(71) Flow Dynamics, LLC
(21) 2025203287 (22) 07.05.2025
(54) Externally adjustable flow management valve assembly and system

(71) FOLDAX, INC.
(21) 2025203442 (22) 13.05.2025
(54) SYSTEMS, DEVICES, AND METHODS RELATING TO THE MANUFACTURE OF PROSTHETIC VALVES

(71) FORTEPHEST LTD
(21) 2025203274 (22) 07.05.2025
(54) NOVEL DERIVATIVES OF NON-CODED AMINO ACIDS AND THEIR USE AS HERBICIDES

(71) Fortescue Zero Limited
(21) 2025203310 (22) 08.05.2025
(54) BATTERY SYSTEMS AND METHODS

(71) Fortescue Zero Limited
(21) 2025203375 (22) 09.05.2025
(54) Power converter

(71) Fortescue Zero Limited
(21) 2025203421 (22) 13.05.2025
(54) BATTERY CHARGING

(71) Fox Sports Productions, LLC
(21) 2025203326 (22) 08.05.2025
(54) System, method and interface for viewer interaction relative to a 3D representation of a vehicle

(71) Frankie4 IP 2 Pty Ltd
(21) 2025203343 (22) 09.05.2025
(54) An Assembly for Providing Footwear with a Plurality of Removable and Interchangeable Footbeds

(71) Gallagher Group Limited
(21) 2025203441 (22) 13.05.2025
(54) AN ANTENNA FOR A RFID SYSTEM

(71) Genmab A/S
(21) 2025203350 (22) 09.05.2025
(54) Antibodies against PD-L1

(71) Gen-Probe Incorporated
(21) 2025203262 (22) 07.05.2025
(54) Receptacle transport system for an analytical system

(71) Gen-Probe Incorporated
(21) 2025203431 (22) 13.05.2025
(54) Far-red dye probe formulations

Complete Applications Filed - Name Index cont'd

(71) Genzyme Corporation
(21) 2025203384 (22) 12.05.2025
(54) Treatment of abnormal bone conditions in acid sphingomyelinase deficiency patients

(71) Genzyme Corporation
(21) 2025203385 (22) 12.05.2025
(54) Glycoengineered antibody drug conjugates

Gittings, D. see QUIKSAND Pty LTD
(21) 2025203330

(71) Glaukos Corporation
(21) 2025203337 (22) 08.05.2025
(54) INTRAOCULAR PHYSIOLOGICAL SENSOR

(71) GORDIS, J.
(21) 2025203447 (22) 13.05.2025
(54) Golf bag with protective layer

(71) Halliburton Energy Services, Inc.
(21) 2025203283 (22) 07.05.2025
(54) Ball seat release apparatus

(71) HB INNOVATIONS, INC.
(21) 2025203327 (22) 08.05.2025
(54) SMART INFANT MONITORING SYSTEM AND METHOD

(71) Helix Flight Manufacturing Machines Limited
(21) 2025203257 (22) 07.05.2025
(54) A machine for forming a helix

(71) Heraeus Medical GmbH
(21) 2025203412 (22) 12.05.2025
(54) Medical dispensing system with self-closing slit valves

Honey Badger International Pty Ltd see Rogers, G.
(21) 2025203362

(71) Huawei Technologies Co., Ltd.
(21) 2025203368 (22) 09.05.2025
(54) INFORMATION TRANSMISSION METHOD AND APPARATUS

(71) HUAWEI TECHNOLOGIES CO., LTD.
(21) 2025203394 (22) 12.05.2025
(54) DATA TRANSMISSION METHOD AND APPARATUS

(71) IGT
(21) 2025203239 (22) 06.05.2025

(54) Mixed-Protocol Progressive Controller for Progressive Wagering Game

(71) Immunomedics, Inc.
(21) 2025203246 (22) 06.05.2025
(54) Dosages of immunoconjugates of antibodies and SN-38 for improved efficacy and decreased toxicity

(71) Incyte Corporation
(21) 2025203436 (22) 13.05.2025
(54) Treatment paradigm for an anti-CD19 antibody and venetoclax combination treatment

(71) Innovent Biologics (Suzhou) Co., Ltd.
(21) 2025203373 (22) 09.05.2025
(54) Application Of Fusion Protein In Treating Age-Related Macular Degeneration

(71) Insome Technologies(SZ)CO.Ltd.
(21) 2025203298 (22) 07.05.2025
(54) RECONFIGURABLE PREFABRICATED BUILDING WITH STEEL STRUCTURE

(71) Intercontinental Great Brands LLC
(21) 2025203401 (22) 12.05.2025
(54) A vegan cream-cheese-like spread and method for the manufacture thereof

(71) Intuit Inc.
(21) 2025203329 (22) 08.05.2025
(54) Automatic confidence based detection for fine-tuning of large language models

(71) Ionis Pharmaceuticals, Inc.
(21) 2025203348 (22) 09.05.2025
(54) Compounds and methods for reducing ATXN2 expression

(71) Janssen Biotech, Inc.
(21) 2025203347 (22) 09.05.2025
(54) Pharmaceutical composition for oral administration comprising aminopyrimidine derivative or pharmaceutically acceptable salt, hydrate, or solvate thereof

(71) Johnson & Johnson GmbH
(21) 2025203354 (22) 09.05.2025
(54) Tampon for feminine hygiene

Jouf University see Abdelsalam, S.S.
(21) 2025203299

Jouf University see Selim Abdelsalam, S.
(21) 2025203380

Kaki, A.M. see Abdelsalam, S.S.
(21) 2025203299

(71) KEYMED BIOSCIENCES CO., LTD
(21) 2025203320 (22) 08.05.2025
(54) Bispecific antibody and uses thereof

Khan, S. see Abdelsalam, S.S.
(21) 2025203299

King Abdulaziz University see Abdelsalam, S.S.
(21) 2025203299

King Abdulaziz University see Selim Abdelsalam, S.
(21) 2025203380

(71) KINGSTON, K.
(21) 2025203345 (22) 09.05.2025
(54) Prefabricated Modular Building System with Large Format Compound Arched Roof Segments and Integrated Multi-Layer Insulated Ceilings

(71) Kite Pharma, Inc.
(21) 2025203356 (22) 09.05.2025
(54) Chimeric antigen receptor T cell therapy

(71) Komatsu Ltd.
(21) 2025203439 (22) 13.05.2025
(54) Construction management system, data processing device, and construction management method

(71) KONSTEK, P.
(21) 2025203270 (22) 07.05.2025
(54) Bag Monitoring System

(71) Kuhner-Stout, E.; Stout, M.
(21) 2025203404 (22) 12.05.2025
(54) ENERGIZING GARMENT

(71) Kyungdon Navien Co., Ltd.
(21) 2025203364 (22) 09.05.2025
(54) Evaporative condenser and air conditioner including same

(71) L3Harris Technologies, Inc.
(21) 2025203288 (22) 07.05.2025
(54) SOFT-DEMODULATION BASED WAVEFORM REPAIR FOR SIGNALS UNDERGOING SPECTRAL SUPPRESSION

(71) Laminex Group Pty Limited
(21) 2025203378 (22) 09.05.2025
(54) CEILING OR WALL PANEL

Complete Applications Filed - Name Index cont'd

(71) LFT Bitumen Pty Ltd
(21) 2025203319 (22) 08.05.2025
(54) Road-surfacing composition and method of surfacing a road

(71) Liebherr-Werk Telfs GmbH
(21) 2025203259 (22) 07.05.2025
(54) Mobile working machine with energy storage module

Logipack, Inc see Zhang, Z.
(21) 2025203397

(71) LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
(21) 2025203286 (22) 07.05.2025
(54) PHOTOVOLTAIC CELL AND PHOTOVOLTAIC MODULE

M. S. Ramaiah Institute of Technology see Abdelsalam, S.S.
(21) 2025203299

M. S. Ramaiah Institute of Technology see Selim Abdelsalam, S.
(21) 2025203380

(71) Mansell, J.
(21) 2025203423 (22) 13.05.2025
(54) Compositions and methods for treatment of obesity and obesity-related disorders

(71) Marengo Therapeutics, Inc.
(21) 2025203410 (22) 12.05.2025
(54) Anti-TCR antibody molecules and uses thereof

(71) MarketMakers (Aust.) Pty Ltd
(21) 2025203460 (22) 13.05.2025
(54) Improvements relating to curtain-blinds

Massachusetts Eye and Ear Infirmary see Editas Medicine, Inc.
(21) 2025203415

(71) Mercari, Inc.
(21) 2025203294 (22) 07.05.2025
(54) Inventory ingestion, image processing, and market descriptor pricing system

(71) Millennium Pharmaceuticals, Inc.
(21) 2025203321 (22) 08.05.2025
(54) Systems and methods for filling containers

Mishra, R.K. see Abdelsalam, S.S.

(21) 2025203299

Mishra, R.K. see Selim Abdelsalam, S.
(21) 2025203380

(71) ModernaTX, Inc.
(21) 2025203258 (22) 07.05.2025
(54) Cancer vaccines

(71) Nantais, S.
(21) 2025203324 (22) 08.05.2025
(54) System and Method for Energy-Efficient Artificial Intelligence Interaction Optimization, Gamification, and Innovative Engagement Models

(71) Nantais, S.
(21) 2025203325 (22) 08.05.2025
(54) System and Method for Enterprise Multi-Workspace AI Governance and Compliance Management

Nantcell Inc. see Nant Holdings IP, LLC
(21) 2025203389

(71) Nant Holdings IP, LLC; Nantcell Inc.
(21) 2025203389 (22) 12.05.2025
(54) Vaccine compositions for mucosal immune response

(71) Nichia Corporation
(21) 2025203434 (22) 13.05.2025
(54) SEMICONDUCTOR LASER ELEMENT AND METHOD FOR MANUFACTURING THE SAME

(71) Nicoya Lifesciences, Inc.
(21) 2025203420 (22) 12.05.2025
(54) PLASMON RESONANCE (PR) SYSTEM AND INSTRUMENT, DIGITAL MICROFLUIDIC (DMF) CARTRIDGE, AND METHODS OF USING LOCALIZED SURFACE PLASMON RESONANCE (LSPR) FOR ANALYSIS OF ANALYTES

(71) Nokia Technologies Oy
(21) 2025203306 (22) 08.05.2025
(54) Initiating small data transmission based on one or more conditions specific to device type

Northwestern University see The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2025203402

(71) Northwestern University
(21) 2025203403 (22) 12.05.2025

(54) PEPTIDE CONJUGATED PARTICLES

(71) NovImmune S.A.
(21) 2025203336 (22) 08.05.2025
(54) Anti-CD47 x anti-mesothelin antibodies and methods of use thereof

(71) Nunhems Netherlands B.V.
(21) 2025203448 (22) 13.05.2025
(54) Lettuce variety NUN 09194 LTL

(71) NUSEED NUTRITIONAL US INC.
(21) 2025203344 (22) 09.05.2025
(54) DHA Enriched Polyunsaturated Fatty Acid Compositions

(71) NUSEED NUTRITIONAL US INC.
(21) 2025203346 (22) 09.05.2025
(54) DHA Enriched Polyunsaturated Fatty Acid Compositions

(71) NZT
(21) 2025203264 (22) 07.05.2025
(54) Stave wood for the production of staves of wood containers

(71) OKK Pty Ltd
(21) 2025203282 (22) 07.05.2025
(54) SLEEPER AND RETAINING WALL

(71) Oticon Medical A/S
(21) 2025203458 (22) 13.05.2025
(54) A headband for a bone anchored hearing system

(71) Ottawa Hospital Research Institute
(21) 2025203443 (22) 13.05.2025
(54) Compositions and methods for enhancing production, growth, spread, or oncolytic and immunotherapeutic efficacy of interferon-sensitive viruses

(71) OVER THE LINE PTY LTD
(21) 2025203252 (22) 06.05.2025
(54) Article Holding Assembly

(71) Pad Pro Holdings Pty Ltd
(21) 2025203370 (22) 09.05.2025
(54) Tank Footing

(71) Panasonic Intellectual Property Corporation Of America
(21) 2025203316 (22) 08.05.2025
(54) Image encoder, image decoder, image encoding method, and image decoding method

(71) Pure Storage, Inc.
(21) 2025203399 (22) 12.05.2025

Complete Applications Filed - Name Index cont'd

(54) Coordinated checkpoint-based replication for storage systems

(71) QUIKSAND Pty Ltd; Gittings, D.
(21) 2025203330 (22) 08.05.2025
(54) Quick Release Golf Sand Bottle

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025203242 (22) 06.05.2025
(54) Methods for altering body composition

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025203245 (22) 06.05.2025
(54) HUMANIZED T CELL MEDIATED IMMUNE RESPONSES IN NON-HUMAN ANIMALS

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025203267 (22) 07.05.2025
(54) Inhibition of HSD17B13 in the treatment of liver disease in patients expressing the PNPLA3 I148M variation

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(21) 2025203365 (22) 09.05.2025
(54) Methods and compositions for treating subjects having rheumatoid arthritis

Region of Southern Denmark see The General Hospital Corporation
(21) 2025203414

(71) Relativity Space, Inc.
(21) 2025203291 (22) 07.05.2025
(54) Systems and Methods for Weaving in Additive Manufacturing

Research & Business Foundation Sungkyunkwan University see Abtis Co., Ltd.
(21) 2025203334

(71) Revance Therapeutics, Inc.
(21) 2025203363 (22) 09.05.2025
(54) Injectable botulinum toxin formulations and methods of use thereof having high response rate and long effect duration

(71) Robust 2024 Limited
(21) 2025203400 (22) 12.05.2025
(54) AN EXTRUSION BASED BUILDING SYSTEM

(71) Rogers, G.; Honey Badger International Pty Ltd
(21) 2025203362 (22) 09.05.2025
(54) ENERGY GENERATION LOAD COMPENSATION

(71) RUTH CONSOLIDATED INDUSTRIES PTY LTD
(21) 2025203342 (22) 09.05.2025
(54) APPARATUS AND METHOD FOR DELIVERING FEED SUPPLEMENT

Saad Almuhayawi, M. see Selim Abdelsalam, S.
(21) 2025203380

(71) SAGENTIA LTD; COHEN, M.
(21) 2025203429 (22) 13.05.2025
(54) CO2 ABSORBENT INFUSED SOLID

(71) Salk Institute for Biological Studies
(21) 2025203440 (22) 13.05.2025
(54) ONCOLYTIC TUMOR VIRUSES AND METHODS OF USE

(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2025203382 (22) 11.05.2025
(54) Device and method for removing E2 interface-related information in radio access network

Samy, M. see Abdelsalam, S.S.
(21) 2025203299

Samy, M. see Selim Abdelsalam, S.
(21) 2025203380

Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.
(21) 2025203365

(71) Savage, A.
(21) 2025203377 (22) 09.05.2025
(54) Processes for Preparing Pelleted Seeds for Revegetation

(71) SCHLAGE LOCK COMPANY LLC
(21) 2025203444 (22) 13.05.2025
(54) ROTATION CONVERTER

(71) Schneider Electric Industries SAS
(21) 2025203417 (22) 12.05.2025
(54) MOUNTING SYSTEM FOR ROTATING A DIN-RAIL

(71) Selim Abdelsalam, S.; Al Jaouni, S.K.; Saad Almuhayawi, M.; Alruhaili, M.H.; Mishra, R.K.; Chinnam, S.; Samy, M.; M. S. Ramaiah Institute of Technology; King Abdulaziz University; Jouf University
(21) 2025203380 (22) 10.05.2025
(54) AI-Driven Device for Improved Microbial Culture Performance

(71) Sera Prognostics, Inc.
(21) 2025203449 (22) 13.05.2025
(54) Pregnancy clock proteins for predicting due date and time to birth

(71) Shanghai Benemae Pharmaceutical Corporation
(21) 2025203303 (22) 08.05.2025
(54) Anti-coagulation factor XI antibody

(71) SI-BONE, Inc.
(21) 2025203235 (22) 06.05.2025
(54) BONE STABILIZING IMPLANTS AND METHODS OF PLACEMENT ACROSS SI JOINTS

(71) Simcha IL-18, Inc.; Yale University
(21) 2025203386 (22) 12.05.2025
(54) Interleukin-18 variants and methods of use

(71) SMIICS GmbH
(21) 2025203268 (22) 07.05.2025
(54) Device for dosing and / or for preparing a medium to be prepared, container for receiving and dosing a component, container for receiving and dosing fluid and corresponding system

(71) SOLENIS TECHNOLOGIES CAYMAN, L.P.
(21) 2025203271 (22) 07.05.2025
(54) METHOD FOR THE HYDROLYSIS OF A POLYMER

(71) Sony Group Corporation
(21) 2025203289 (22) 07.05.2025
(54) Image processing device and method

(71) SPENCER, B.R.
(21) 2025203390 (22) 12.05.2025
(54) OZONE GENERATION CHAMBER

(71) Spogen Biotech Inc.
(21) 2025203249 (22) 06.05.2025
(54) Fusion proteins, recombinant bacteria, and methods for using recombinant bacteria

(71) State Grid Jiangsu Electric Power Co., Ltd Nanjing Power Supply Company
(21) 2025203248 (22) 06.05.2025
(54) RESOURCE SCHEDULING METHOD, APPARATUS, DEVICE AND MEDIUM FOR VIRTUAL POWER PLANT

Stout, M. see Kuhner-Stout, E.
(21) 2025203404

Complete Applications Filed - Name Index cont'd

(71) STRYKER EUROPEAN OPERATIONS LIMITED

(21) 2025203359 (22) 09.05.2025

(54) Electrosurgical devices, methods of use, and methods of manufacture

(71) Sunrise SA

(21) 2025203273 (22) 07.05.2025

(54) SYSTEM COMPRISING A SENSING UNIT AND A DEVICE FOR PROCESSING DATA RELATING TO DISTURBANCES THAT MAY OCCUR DURING THE SLEEP OF A SUBJECT

(71) Synhelion SA; ENI S.p.A.

(21) 2025203437 (22) 13.05.2025

(54) METHOD FOR INSULATING A PROCESS UNIT AND PROCESS UNIT HAVING AN INSULATING REGION

(71) TAISHO SKY BUILDING, INC.

(21) 2025203315 (22) 08.05.2025

(54) Management system for hourly rental facilities

(71) Terex GB Limited

(21) 2025203451 (22) 13.05.2025

(54) VIBRATION MONITORING AND VISUALISATION SYSTEM

(71) Tetrus, Inc.

(21) 2025203302 (22) 08.05.2025

(54) Demineralized bone fiber composition for augmentation of fixation

(71) THD S.P.A.

(21) 2025203453 (22) 13.05.2025

(54) A RECTOSCOPE FOR INSPECTING A CAVITY

(71) The Board of Trustees of the Leland Stanford Junior University

(21) 2025203241 (22) 06.05.2025

(54) PI4-kinase inhibitors and methods of using the same

(71) The Boeing Company

(21) 2025203275 (22) 07.05.2025

(54) Syntactic-foam parts and associated methods of making the same

(71) The Boeing Company

(21) 2025203277 (22) 07.05.2025

(54) Syntactic-foam parts and associated methods of making the same

(71) The Boeing Company

(21) 2025203278 (22) 07.05.2025

(54) Syntactic-foam parts and associated methods of making the same

(71) The Boeing Company

(21) 2025203279 (22) 07.05.2025

(54) Syntactic-foam parts with elongated members

(71) The Boeing Company

(21) 2025203307 (22) 08.05.2025

(54) Syntactic-foam parts and associated methods of making the same

(71) The Boeing Company

(21) 2025203308 (22) 08.05.2025

(54) Syntactic-foam parts made of pre-made syntactic-foam components

(71) The Boeing Company

(21) 2025203427 (22) 13.05.2025

(54) Multi-module battery system testing

(71) THE CHEMOURS COMPANY FC, LLC

(21) 2025203396 (22) 12.05.2025

(54) ARCHITECTURE FOR AUTOMATED VEHICLE DIAGNOSTICS RELATING TO A THERMAL SYSTEM OF A VEHICLE

(71) The General Hospital Corporation; Region of Southern Denmark; University of Southern Denmark

(21) 2025203414 (22) 12.05.2025

(54) T cells expressing a chimeric antigen receptor

(71) The General Hospital Corporation

(21) 2025203422 (22) 13.05.2025

(54) Regeneration of a functional pulmonary vascular bed

(71) The Texas A&M University System

(21) 2025203426 (22) 13.05.2025

(54) Processes for converting biomass into high-value products

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services; University of Kansas; Northwestern University

(21) 2025203402 (22) 12.05.2025

(54) Formulations and methods for the prevention and treatment of tumor metastasis and tumorigenesis

(71) ThinLine, Inc.

(21) 2025203256 (22) 07.05.2025

(54) GRAZING RESTRICTOR

(71) Thule Sweden AB

(21) 2025203372 (22) 09.05.2025

(54) TRUCK RACK SYSTEM

(71) Tiger Tool International Incorporated

(21) 2025203407 (22) 12.05.2025

(54) SYSTEMS AND METHODS FOR REMOVING TAPERED BUSHING CONNECTORS FROM TORQUE ROD ASSEMBLIES

(71) TMA Corporation Pty Ltd

(21) 2025203335 (22) 08.05.2025

(54) Composite Termite Barrier

(71) Transverse Medical, Inc.

(21) 2025203352 (22) 09.05.2025

(54) Filter apparatuses and methods

(71) TriLink BioTechnologies, LLC

(21) 2025203425 (22) 13.05.2025

(54) Compositions and methods for synthesizing 5'-Capped RNAs

(71) Trudell Medical International Inc.

(21) 2025203411 (22) 12.05.2025

(54) SMART VALVED HOLDING CHAMBER

Universiteit Gent see VIB vzw

(21) 2025203361

University of Kansas see The United States of America, as represented by the Secretary, Department of Health and Human Services

(21) 2025203402

(71) University of Massachusetts

(21) 2025203314 (22) 08.05.2025

(54) SOD1 DUAL EXPRESSION VECTORS AND USES THEREOF

University of Southern Denmark see The General Hospital Corporation

(21) 2025203414

(71) University of Washington

(21) 2025203238 (22) 06.05.2025

(54) Methods for targeted nucleic acid sequence enrichment with applications to error corrected nucleic acid sequencing

(71) Vadipour, M.

(21) 2025203263 (22) 07.05.2025

(54) Device and system for water desalination

(71) Vermeer Manufacturing Company

(21) 2025203353 (22) 09.05.2025

(54) Work machines having a suspended operator station

Complete Applications Filed - Name Index cont'd

(71) VIB vzw; Universiteit Gent
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(71) Way-Mildon, S.
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(54) Breast pump assembly with customized
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(54) SAFETY BELT CLAMPING DEVICE
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(71) Worldpay, LLC
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(71) Zhang, Z.; Logipack, Inc
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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
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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
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16	Application Refused
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21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
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 2019367220 (4C) 2019368005 (4C) 2019368289 (4C)
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2020

2020103003 (22E) 2020103034 (22E) 2020103060 (22E)
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 2020432009 (4B) 2020439474 (4B) 2020458258 (4B)
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 2020474539 (14) 2020474805 (4C)

2021

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 2021351347 (5C) 2021389409 (5C) 2021394819 (5C)
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2022

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 2022201120 (5C) 2022201142 (5C) 2022201425 (5C)
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 2022204262 (4C) 2022205180 (4C) 2022205271 (5C)
 2022206787 (14) 2022208211 (5C) 2022218582 (5C)
 2022226448 (5C) 2022231118 (5C) 2022242717 (5C)
 2022252771 (4C) 2022264917 (5C) 2022275439 (4C)
 2022279438 (5C) 2022279523 (5C) 2022283633 (5C)
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2023200738 (5C) 2023201141 (5C) 2023201224 (4C)
 2023201732 (5C) 2023201761 (5C) 2023201794 (5C)
 2023202342 (5C) 2023202662 (4C) 2023202664 (5C)
 2023202679 (4C) 2023202839 (5C) 2023202991 (5C)
 2023203507 (5C) 2023203629 (5C) 2023203906 (5C)
 2023204242 (5C) 2023204251 (5C) 2023204312 (4C)
 2023204580 (5C) 2023204683 (5C) 2023206081 (5C)
 2023208123 (5C) 2023214266 (5C) 2023222817 (4C)
 2023226747 (5C) 2023229622 (4C) 2023352705 (12A)

2023352876 (12A) 2023353458 (12A) 2023353460 (12A)

2024

2024200295 (4C) 2024200302 (5CN) 2024202482 (5C)
2024901387 (12AN) 2024901406 (12AN) 2024901411 (12AN)
2024901414 (12AN) 2024901418 (12AN) 2024901438 (12AN)
2024901463 (12AN) 2024901527 (12AN) 2024901528 (12AN)
2024901619 (12AN) 2024901662 (12AN) 2024901663 (12AN)
2024901664 (12AN) 2024902477 (12AN) 2024902956 (12AN)

2025

2025201150 (12CN) 2025201469 (7CN) 2025203237 (12AN)

Assignments before Grant, Section 113

2019

2019344903 Organovo, Inc. The application has been assigned to **Eli Lilly and Company**

2020

2020235770 Suzhou Connect Biopharmaceuticals, Ltd. The application has been assigned to **CONNECT BIOPHARMA HONGKONG LIMITED**

2020282371 BHE Turbomachinery, LLC The application has been assigned to **Obermeyer, Henry**

2020462037 Oxford University Innovation Limited; Auckland UniServices Limited The application has been assigned to **Oxford University Innovation Ltd**

2021

2021206819 Belted Bodies and Trailers Pty Ltd The application has been assigned to **Apap and Grima Pty Ltd**

2021236648 Organovo, Inc. The application has been assigned to **Eli Lilly and Company**

2021239956 Organovo, Inc. The application has been assigned to **Eli Lilly and Company**

2021240001 Organovo, Inc. The application has been assigned to **Eli Lilly and Company**

2021258884 Suzhou Connect Biopharmaceuticals, Ltd. The application has been assigned to **CONNECT BIOPHARMA HONGKONG LIMITED**

2022

2022226837 BIONEER CORPORATION; SIRNAGEN THERAPEUTICS CORPORATION The application has been assigned to **Bioneer Corporation**

2022297983 RISEN (SUZHOU) PHARMA TECH CO., LTD.; LU, Jiasheng; SIYANG, Haixiao; YIN, Yijie; GUO, Wantao; LI, Haiming; CHEN, Dawei; GU, Jiamin; KONG, Xianqi; PAN, Jun; MA, Xinxin; SONG, Peiming; WU, Chun; FENG, Hui; YAO, Sheng The application has been assigned to **RISEN (SUZHOU) PHARMA TECH CO., LTD.**

2023

2023255056 ViaSat, Inc. The application has been assigned to **Snappi, Inc.**

Assignments before Grant, Section 113

2023366712 TING, Raymond The application has been assigned to **CHEN, Chih-Ku**

2024

2024201528 Solubag SpA The application has been assigned to **Solubag USA, Inc.**

2024205464 Suzhou Connect Biopharmaceuticals, Ltd The application has been assigned to **CONNECT BIOPHARMA HONGKONG LIMITED**

2024903458 MANOLAS, YVETTE The application has been assigned to **Rentomise IP Pty Ltd**

2025

2025900334 MANOLAS, Yvette The application has been assigned to **Rentomise IP Pty Ltd**

2025901328 Surman, Peter; Shi, Zhen; Hsi, Shih-Liang; Binnie, Fergus; Cuthbertson, Christopher; Douglas Pharmaceuticals Limited The application has been assigned to **Douglas Pharmaceuticals 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.

2015

2015221451 **ASSEMBLY ELECTRONICS PTY. LTD.** An application to extend the time from 01 Sep 2023 to 01 May 2025 in which to pay a renewal fee has been filed . Address for service - Fraser Old & Sohn PO Box 560 MILSONS POINT NSW 1565 AU

2016

2016276754 **Unico, LLC** An application to extend the time from 09 Jun 2023 to 09 Feb 2025 in which to pay a renewal fee has been filed . Address for service - Pizzys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017

2017395700 **Neurocrine Biosciences, Inc.** An application to extend the time from 10 Oct 2024 to 10 May 2025 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 33, 477 Collins Street Melbourne VIC 3000 AU

2019

2019203105 **United Laboratories International, LLC** An application to extend the time from 02 May 2024 to 02 May 2025 in which to request examination has been filed . Address for service - Ahearn Fox PO Box 9398, Wynnum Plaza Brisbane QLD 4178 AU

2025

2025202392 **Applied Medical Resources Corporation** An application to extend the time from 11 May 2021 to 11 Apr 2025 in which to make a further application for a divisional patent has been filed . Address for

Extensions of Time, Section 223

service - Griffith Hack Level 15, 376-390 Collins St MELBOURNE VIC 3000 AU

2025202602 **Benchmark Equipment Pty Ltd** An application to extend the time from 20 Oct 2024 to 20 Apr 2025 in which to associate with a complete application has been filed . Address for service - Benchmark Equipment Pty Ltd Shop 5 1 Charles St Canterbury NSW 2193 AU

Applications Allowed - Section 223(2)

2005

2005243110 **Vehicle Monitoring Systems Pty Ltd** The time in which to pay a renewal fee has been extended to 09 Mar 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011

2011204924 **Vehicle Monitoring Systems Pty Ltd** The time in which to pay a renewal fee has been extended to 09 Mar 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021263387 **New Bridge Resource Development Fund, LP** The time in which to request examination has been extended to 04 May 2025 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2021271275 **Hygiene Habits Pty Ltd** The time in which to request examination has been extended to 11 May 2025 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 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.

2007

2007261536 VEGF antagonist formulations suitable for intravitreal administration **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Mar 2025 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2019

2019254038 Solar concentrator having a continuous parabolic reflective surface **ENI S.p.A.** The nature of the amendment is as shown in the statement(s) filed 15 Apr 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019300502 Brake system for a patient support apparatus **Umano Medical Inc.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 14 Apr 2025 . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

2019333835 Light scattering detectors and sample cells for the same **Tosoh Corporation** The nature of the amendment is: Amend the name of the inventor to read HANEY, Max and MURPHY, Michael P. . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019340562 Method for the extraction of bio-oil from algal bio-mass **ENI S.p.A.** The nature of the amendment is as shown in the statement(s) filed 01 May 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019365821 Compositions and methods for amplifying, detecting or quantifying human polyomavirus BK virus **Gen-Probe Incorporated** The nature of the amendment is as shown in the statement(s) filed 23 Apr 2025 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2019398339 THRB receptor agonist compound and preparation method and use thereof **Terns, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 May 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2020

2020234961 Charged ion channel blockers and methods for use **Nocion Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Apr 2025 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2022

2022201465 Expression constructs and methods of genetically engineering methylotrophic yeast **Impossible Foods Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Apr 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022224868 Light Scattering Detectors And Sample Cells For The Same **Tosoh Corporation** The nature of the amendment is: Amend the name of the inventor to read HANEY, Max and MURPHY, Michael P. . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022331993 CUTTING DEVICE, APPARATUS FOR MANUFACTURING GYPSUM BOARD, AND CUTTING METHOD **YOSHINO GYPSUM CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 09 May 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022350731 STAPLE MAGAZINE ASSEMBLY AND SURGICAL INSTRUMENT **FULBRIGHT MEDICAL INC.** The nature of the amendment is as shown in the statement(s) filed 07 May 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2024

2024287156 A NATURAL MATRIX MIXTURE FOR THE TREATMENT OF BONE FRAGILITY **Bios-Therapy, Physiological Systems for Health S.p.A.** The nature of the amendment is as shown in the

Amendments

statement(s) filed 27 Feb 2025 . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

Amendments Made

2017

2017311664 **Novartis AG** The nature of the amendment is as shown in the statement filed 11 Feb 2025

2020

2020201112 **Novartis AG** The nature of the amendment is as shown in the statement filed 11 Feb 2025

2020203766 **Austin Engineering Limited** The nature of the amendment is: Application is to proceed under the number 2020104511

2020256408 **Nokia Technologies Oy** The nature of the amendment is: Amend the name of the inventor to read WON, Sung Hwan and CHANDRAMOULI, Devaki

2020318943 **TMEM16A Limited** The nature of the amendment is: Amend the invention title to read SOLID FORMS OF N-TERT-BUTYL-4-[[2-(5- CHLORO-2-HYDROXYPHENYL)ACETYL]AMINO]PYRIDINE-2-CARBOXAMIDE

2021

2021221623 **Percinct Hub Pty Ltd** The nature of the amendment is: To amend the applicant name to Percinct Hub Pty Ltd

2022

2022229390 **CYTOKINETICS, INC.** The nature of the amendment is: Amend the name of the inventor to read MORGAN, Bradley P.; CHUANG, Chihyuan; ASHCRAFT, Luke W.; HO, Justin; GARCIA, Alfredo and CHANDRA, Aroop

2022331384 **WINDSPIDER AS** The nature of the amendment is: To amend the applicant name to WINDSPIDER AS

2022424470 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read Haul Vehicle and Method for Controlling Haul Vehicle

2022480090 **Enaex Servicios S.A.** The nature of the amendment is: Amend the invention title to read Hose device for the simultaneous transport of multiple elements separately

2023

2023237087 **The Board of Regents of The University of Texas System** The nature of the amendment is: Add convention application details PCT/US2023/075045 25 Sep 2023 US

2023243125 **GALDERMA HOLDING SA** The nature of the amendment is: Amend the name of the inventor to read KNAPIK CECCON, Ruandro Victor; JOLY-TONETTI, Nicolas; LE NOEL, Virginie; PAS-CAL-SUISSE, Sandrine Therese Beatrice; LACHMANN, Nadège Maryline; CHO, Hyun Dae; SEO, Jae Yong and GRIVET-SEYVE, Mathieu

2023301953 **SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES; KUNMING INSTITUTE OF ZO-**

Amendments

LOGY, CHINESE ACADEMY OF SCIENCES The nature of the amendment is: Amend the name of the inventor to read LIU, Hong; XU, Lin; ZHOU, Yu; TAN, Yahong; WANG, Yibing; LI, Jinnan; HUANG, He; ZHOU, Qixin; CHENG, Yilang and JIANG, Hualiang

2023326825 **Formo Foods GmbH** The nature of the amendment is: To amend the applicant name to Formo Foods GmbH

2023345000 **WINDSPIDER AS** The nature of the amendment is: To amend the applicant name to WINDSPIDER AS

2023346380 **SUREFLAP LIMITED** The nature of the amendment is: Amend the name of the inventor to read GENZEL, Eran; SABO, Pinhas; HAR ZION, Gal; METZ, Wibke; HINZ, Michael Karl; KUHLMANN, Inka Regine; SONDERN, Ulrich; ZSCHIESCHE, Eva; STEUDLE, Alexander Patrick; SCHO#LZKE, Brunhilde; ARMSTRONG, Robert David; LAVAN, Robert Philip and WEINBERG, Eden

2023352000 **MEIJI HOLDINGS CO., LTD.; INSTITUT PASTEUR; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE** The nature of the amendment is: Amend the invention title to read Acidic exopolysaccharide having immunostimulatory activity

2023355567 **LABORATOIRES VIVACY** The nature of the amendment is: Amend the invention title to read Manual syringe with flexible pusher

2023357663 **ASTEC CO., LTD.** The nature of the amendment is: Amend the invention title to read CULTURE DEVICE HAVING TIME-LAPSE SHOOTING FUNCTION AND CULTURE METHOD

2023360381 **KABUSHIKI KAISHA EARTHTECHNICA** The nature of the amendment is: Amend the invention title to read GYRATORY CRUSHER, CONTROL DEVICE THEREOF, AND METHOD OF CONTROLLING GYRATORY CRUSHER

2023360696 **S&C ELECTRIC COMPANY** The nature of the amendment is: Amend the name of the inventor to read RUSEV, Tsvetan and STAMER, Michael

2023364999 **PDS BIOTECHNOLOGY CORPORATION** The nature of the amendment is: Amend the invention title to read Novel non-HLA restricted T cell TCR gamma alternate reading frame protein (TARP) compositions and uses thereof

2023365611 **PDS BIOTECHNOLOGY CORPORATION** The nature of the amendment is: Amend the invention title to read Recombinant protein compositions formulated with enantio-specific cationic lipids and uses thereof

2023371466 **CLOSED LOOP MEDICAL PTY LTD** The nature of the amendment is: Amend the name of the inventor to read PARKER, John Louis; GMEL, Gerrit Eduard and SILVERSTRI, Leonardo

2023372861 **KOMATSU LTD.; NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** The nature of the amendment is: Amend the invention title to read Display system, remote driving device and display control method

Amendments

2023376087 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery diagnosis apparatus and operating method thereof

2023378169 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery management apparatus and operating method thereof

2023437250 **MOXIETEC, LLC** The nature of the amendment is: Amend the name of the inventor to read MOHEBBI, Abolfazl and JORDAN, Donald

2024

2024216884 **ROTHO BLAAS GMBH/SRL** The nature of the amendment is: Amend the invention title to read System for connecting at least two components, of which at least one component is a carrier, and a device for this system

2024901923 **Formo Foods GmbH** The nature of the amendment is: To amend the applicant name to Formo Foods GmbH

2024901933 **Formo Foods GmbH** The nature of the amendment is: To amend the applicant name to Formo Foods GmbH

2024902463 **Formo Foods GmbH** The nature of the amendment is: To amend the applicant name to Formo Foods GmbH

2024904283 **Formo Foods GmbH** The nature of the amendment is: To amend the applicant name to Formo Foods GmbH

2025

2025201328 **argenx BVBA; University of Bern** The nature of the amendment is as shown in the statement filed 02 May 2025

2025202997 **Vorwerk & Co. Interholding GmbH** The nature of the amendment is: Amend the invention title to read KITCHEN APPLIANCE BASE FOR A KITCHEN APPLIANCE AND PREPARATION MODULE

2025900598 **Gertrude Biomedical Pty Ltd** The nature of the amendment is: Amend the invention title to read Compounds

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

2011

2011202206 Rontgen Technische Dienst B.V. The name of the patentee has been altered to **Applus Netherlands B.V.**

2012

2012216688 Rontgen Technische Dienst B.V. The name of the patentee has been altered to **Applus Netherlands B.V.**

2015

2015238867 Rontgen Technische Dienst B.V. The name of the patentee has been altered to **Applus Netherlands B.V.**

2017

2017200381 Rontgen Technische Dienst B.V. The name of the patentee has been altered to **Applus Netherlands B.V.**

Amendments

2018

2018350212 Ribbon Biolabs GmbH The name of the applicant has been altered to **Ribbon Bio GmbH**

2018397294 FCI Holdings Delaware, Inc. The name of the patentee has been altered to **FCI Holdings Delaware, LLC.**

2019

2019317918 Fuji Oil Holdings Inc. The name of the applicant has been altered to **FUJI OIL CO., LTD.**

2019403265 Abnormal Security Corporation The name of the patentee has been altered to **Abnormal AI, Inc.**

2020

2020216780 Multitude Inc. The name of the applicant has been altered to **Multitude Therapeutics Inc.**

2020225368 empirical innovations, inc. The name of the applicant has been altered to **Empirical Innovations, Inc.**

2020267769 Brightcove, Inc. The name of the applicant has been altered to **Brightcove Inc.**

2020272882 FCI Holdings Delaware, Inc. The name of the patentee has been altered to **FCI Holdings Delaware, LLC.**

2021

2021287353 Endomagnetics Limited The name of the applicant has been altered to **Endomagnetics Ltd**

2022

2022227712 SOTER BIOPHARMA PTE. LTD. The name of the patentee has been altered to **CMS RESEARCH & DEVELOPMENT PTE. LTD.**

2022480090 ENAEX SERVICIOS SA The name of the applicant has been altered to **Enaex Servicios S.A.**

2023

2023367023 THE BOARD OF REGENTS OF THE NEVADA SYSTEM OF HIGHER EDUCATION on behalf of THE UNIVERSITY OF NEVADA The name of the applicant has been altered to **The Board of Regents of the Nevada System of Higher Education on behalf of the University of Nevada, Las Vegas**

2025

2025202385 Techcross Holdings Inc. The name of the applicant has been altered to **TECHCROSS Inc.**

2025901698 Snelling, Brendon The name of the applicant has been altered to **Snelling, B.**

Applications Open to Public Inspection

Name Index

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

(71) 5B IP Holdings Pty Ltd (11) AU-A-2024259831 (21) 2024259831 (22) 08.11.2024 (54) A COMPOSITE BEAM (51) Int. Cl. <i>E04C 3/293</i> (2006.01) <i>E04B 1/30</i> (2006.01) <i>F24S 25/00</i> (2018.01) <i>F24S 25/11</i> (2018.01) <i>F24S 25/60</i> (2018.01) <i>H02S 20/00</i> (2014.01) <i>H02S 20/30</i> (2014.01) <i>E04C 3/04</i> (2006.01) (31) 2023903585 (32) 08.11.23 (33) AU (43) 22.05.2025 (72) Niccol, Lloyd Christopher; Rego, Victor Cintra; Sobey, Thomason James; Baker, Wayne Alan; Lunney, Martin James (74) PHILLIPS ORMONDE FITZPATRICK	tion and therapy of congestion in a patient in need thereof (51) Int. Cl. <i>C07K 16/22</i> (2006.01) <i>A61P 7/10</i> (2006.01) <i>G01N 33/50</i> (2006.01) (43) 22.05.2025 (62) 2017375049 (72) Voors, Adriaan (74) Davies Collison Cave Pty Ltd	(43) 22.05.2025 (62) 2020338139 (72) DANIELS, Robert; COLLINS, Caroline; ROBERTS, John St. Clair; WEST-WATER, John (74) Davies Collison Cave Pty Ltd
(71) 7912854 Canada Inc. (11) AU-A-2025203102 (21) 2025203102 (22) 30.04.2025 (54) Roller blind actuation mechanism, spool housing assembly and cable-covering tube system for a roller blind actuation assembly (51) Int. Cl. <i>E06B 9/42</i> (2006.01) (43) 22.05.2025 (62) 2020218005 (72) FRANCOEUR, Alain; ARCHAMBAULT, Augustin (74) Griffith Hack	(71) Agriculture Victoria Services Pty Ltd (11) AU-A-2025203151 (21) 2025203151 (22) 02.05.2025 (54) Milk Bioactive (51) Int. Cl. <i>C12Q 1/6827</i> (2018.01) <i>C12Q 1/6888</i> (2018.01) (43) 22.05.2025 (62) 2018352475 (72) LIU, Zhiqian; ROCHFORD, Simone Jane; PRYCE, Jennie Elizabeth; COCKS, Benjamin; WANG, Tingting; ZAWADZKI, Jody; SPANGENBERG, German Carlos (74) Jones Tulloch	(71) Amgen Inc. (11) AU-A-2025203098 (21) 2025203098 (22) 30.04.2025 (54) RNAi constructs for inhibiting PNPLA3 expression (51) Int. Cl. <i>C12N 15/113</i> (2010.01) <i>C12N 9/10</i> (2006.01) <i>C12N 9/18</i> (2006.01) (43) 22.05.2025 (62) 2018386089 (72) RULIFSON, Ingrid; MURRAY, Justin K.; OLLMANN, Michael; HOMANN, Oliver (74) Spruson & Ferguson
(71) Adobe Inc. (11) AU-A-2024216528 (21) 2024216528 (22) 02.09.2024 (54) BACKGROUND SEPARATION FOR GUIDED GENERATIVE MODELS (51) Int. Cl. <i>G06T 7/194</i> (2017.01) <i>G06T 5/60</i> (2024.01) <i>G06T 5/70</i> (2024.01) <i>G06T 5/77</i> (2024.01) <i>G06T 7/11</i> (2017.01) (31) 18/500,263 (32) 02.11.23 (33) US (43) 22.05.2025 (72) Katakol, Sudeep; Iyer, Siddharth; Darabi, Aliakbar (74) RnB IP Pty Ltd	(71) Air Products and Chemicals, Inc. (11) AU-A-2024227784 (21) 2024227784 (22) 31.10.2024 (54) APPARATUS AND PROCESS FOR AMMONIA CRACKING CATALYST ACTIVATION (51) Int. Cl. <i>B01J 37/16</i> (2006.01) <i>B01J 37/18</i> (2006.01) <i>C01B 3/04</i> (2006.01) (31) 63/596,320 (32) 06.11.23 (33) US 18/607,952 18.03.24 US (43) 22.05.2025 (72) Shaw, Andrew; Shelley, Jacob; Xie, Kui; Saloway, Simon Craig; Patil, Dhaval Dhondu (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd	(71) Amgen Inc. (11) AU-A-2025203167 (21) 2025203167 (22) 05.05.2025 (54) Sheet lighting for particle detection in drug product containers (51) Int. Cl. <i>G01N 21/90</i> (2006.01) (43) 22.05.2025 (62) 2019406534 (72) PEARSON, Thomas Clark; MILNE, Graham F.; FRADKIN, Dmitry; FREUND, Erwin (74) Spruson & Ferguson
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(74) FPA Patent Attorneys Pty Ltd

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E05C 3/34 (2006.01)
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H02G 3/04 (2006.01)
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C08F 8/32 (2006.01)
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C08J 3/075 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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A61K 40/15 (2025.01)
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A61P 35/00 (2006.01)
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 (54) APPLICATION OF PEDF-DERIVED SHORT PEPTIDES IN TENDON HEALING
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A61K 9/00 (2006.01)
A61K 38/00 (2006.01)
A61K 38/02 (2006.01)
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 (54) APPLICATION OF PEDF-DERIVED SHORT PEPTIDES IN THE TREATMENT OF OSTEOARTHRITIS
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G06F 18/214 (2023.01)
G06F 40/186 (2020.01)
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G06N 20/00 (2019.01)
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H04W 12/06 (2021.01)
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A61K 38/02 (2006.01)
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F24F 13/20 (2006.01)
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B01D 61/02 (2006.01)
B01D 61/04 (2006.01)
B01D 61/14 (2006.01)

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(72) SMITH, Stanton Russel
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(54) A Pipeline Joiner with Pretap Connectors
(51) Int. Cl.
F16L 58/18 (2006.01)
F16L 58/02 (2006.01)
F16L 15/00 (2006.01)
F16L 41/02 (2006.01)
(31) 2023903570 (32) 08.11.23 (33) AU
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(72) Favero, Anthony John; Heal, Daniel Patrick
(74) Anderson IP

(71) Decathlon
(11) AU-A-2025203072
(21) 2025203072 (22) 30.04.2025
(54) Diving mask with integrated snorkel
(51) Int. Cl.
B63C 11/16 (2006.01)
(43) 22.05.2025
(62) 2023200687
(72) CAPRICE, Cédric; GIRAULT, Raphaël; CUCCHIA, Gabriele
(74) FPA Patent Attorneys Pty Ltd

(71) Deere & Company
(11) AU-A-2024226885
(21) 2024226885 (22) 01.10.2024
(54) Reconfigurable grading blade attachment with a stabilizer wheel assembly on a work machine
(51) Int. Cl.
E02F 3/815 (2006.01)
E02F 3/84 (2006.01)
E02F 3/85 (2006.01)
(31) 18/500,245 (32) 02.11.23 (33) US
(43) 22.05.2025
(72) Narayanan, Arun; Simon, Mark A.; Rokusek, Nicholas J.; Graham, Brett S.
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2024227031
(21) 2024227031 (22) 01.10.2024
(54) Fine grading system and method for a work machine with a box blade grading attachment
(51) Int. Cl.
E02F 3/84 (2006.01)
E02F 3/815 (2006.01)
E02F 3/85 (2006.01)
E02F 9/22 (2006.01)
(31) 18/500,217 (32) 02.11.23 (33) US
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(72) Kraft, Anthony K.; Gundupalli, John Vikram; Meinert, John H.
(74) Davies Collison Cave Pty Ltd

(71) Dexcom, Inc.
(11) AU-A-2025203150
(21) 2025203150 (22) 02.05.2025
(54) Sensor holder device for invasive biosensors
(51) Int. Cl.
A61B 5/145 (2006.01)
G01N 27/26 (2006.01)
(43) 22.05.2025
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(72) BIEDERMAN, William; STOWE, Timothy
(74) FB Rice Pty Ltd

(71) Diamond Therapeutics Inc.
(11) AU-A-2025203049
(21) 2025203049 (22) 30.04.2025
(54) Methods and compositions comprising a 5HT receptor agonist for the treatment of psychological, cognitive, behavioral, and/or mood disorders
(51) Int. Cl.
A61K 31/675 (2006.01)
A61P 25/00 (2006.01)
C07F 9/572 (2006.01)
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(72) BLUMSTOCK, Judith; TYLER, William, J.
(74) FB Rice Pty Ltd

(71) Dolby International AB
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(21) 2025203134 (22) 01.05.2025
(54) Method and device for rendering an audio soundfield representation for audio playback
(51) Int. Cl.
H04S 3/00 (2006.01)
(43) 22.05.2025
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(72) BOEHM, Johannes; KEILER, Florian
(74) Spruson & Ferguson

(71) Dorel Juvenile Group, Inc.
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(21) 2024259695 (22) 01.11.2024
(54) Child restraint
(51) Int. Cl.
B60R 22/28 (2006.01)
A62B 35/00 (2006.01)
B60N 2/28 (2006.01)
B60R 22/10 (2006.01)
B60R 22/12 (2006.01)
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(54) Compounds for positron emission tomography

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A61K 51/04 (2006.01)
G01N 33/82 (2006.01)
(43) 22.05.2025
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(54) INTERLOCK AND PARKING SYSTEM
(51) Int. Cl.
B60W 10/18 (2012.01)
B60T 11/10 (2006.01)
(43) 22.05.2025
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(72) Sharwood, Richard; Sharwood, Geoffrey; Foote, Michael
(74) WRAYS PTY LTD

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(54) Organiser for tourniquets
(51) Int. Cl.
A61B 50/20 (2016.01)
A61B 17/132 (2006.01)
(31) 2023903521 (32) 02.11.23 (33) AU
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(72) Chung, David
(74) IP Savvy Pty Ltd

(71) FalCom A/S
(11) AU-A-2024259766
(21) 2024259766 (22) 06.11.2024
(54) System for locating an audio event
(51) Int. Cl.
H04R 29/00 (2006.01)
G06F 3/16 (2006.01)
G10L 21/00 (2013.01)
G10L 25/00 (2013.01)
H04R 3/00 (2006.01)
(31) 23208376.6 (32) 07.11.23 (33) EP
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(72) IPSEN, Klaus Sommer; VERNER, Thorbjørn Gade
(74) FB Rice Pty Ltd

(71) First Light Diagnostics, Inc.
(11) AU-A-2025203105
(21) 2025203105 (22) 30.04.2025
(54) Detection of targets
(51) Int. Cl.
A61B 5/05 (2021.01)
G01N 21/64 (2006.01)
G01N 33/483 (2006.01)
G01N 33/53 (2006.01)
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(72) BOWERS, Jayson, L.; CAPPILLINO, Michael; GITE, Sadanand; STRAUS, Don
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(11) AU-A-2025203075
(21) 2025203075 (22) 30.04.2025
(54) Centrifuge bowl for use in a centrifugal separator, housing for use in a centrifugal separator and a centrifugal separator
(51) Int. Cl.
B04B 1/00 (2006.01)
B03B 5/32 (2006.01)
B04B 7/08 (2006.01)
(43) 22.05.2025
(62) 2024202858
(72) JOHANSEN, Johnny; KYHNAUV, Jesper Gerdes; NIKISCHER, Tod
(74) FPA Patent Attorneys Pty Ltd

(71) FMI BUILDING INNOVATION LIMITED
(11) AU-A-2024205717
(21) 2024205717 (22) 13.08.2024
(54) IMPROVED WINDOW STAY AND ASSEMBLY
(51) Int. Cl.
E05C 17/32 (2006.01)
E05D 7/00 (2006.01)
E05D 11/06 (2006.01)
E05D 11/08 (2006.01)
E05D 15/32 (2006.01)
E05D 15/46 (2006.01)
E05F 5/06 (2006.01)
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(72) LEWIS, Warren
(74) AJ PARK

(71) FULBRIGHT MEDICAL INC.
(11) AU-A-2025203063
(21) 2025203063 (22) 30.04.2025
(54) Staple magazine assembly and surgical instrument
(51) Int. Cl.
A61B 17/072 (2006.01)
A61B 17/3209 (2006.01)
(43) 22.05.2025
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(72) SUN, Baofeng; SHI, Longxia
(74) Griffith Hack

(71) Gatekeeper Systems, Inc.
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(21) 2025203091 (22) 30.04.2025
(54) Shopping basket monitoring using computer vision and machine learning
(51) Int. Cl.
B62B 5/04 (2006.01)
G08B 13/00 (2006.01)
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(72) RAMANATHAN, Narayanan V.; CARTER, Scott J.; HANNAH, Stephen E.; JAMES, Jesse M.; JOHNSON, Jack L.; HARLING, Robert M.
(74) Davies Collison Cave Pty Ltd

(71) GenEdit Inc.
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(54) Modified Cpf1 guide RNA
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/85 (2006.01)
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(43) 22.05.2025
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(72) LEE, Kunwoo
(74) Spruson & Ferguson

(71) Gen-Probe Incorporated
(11) AU-A-2025202979
(21) 2025202979 (22) 29.04.2025
(54) Compositions and methods for amplifying, detecting or quantifying human polyomavirus BK virus
(51) Int. Cl.
C12Q 1/70 (2006.01)
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(72) SHAH, Ankur; YADAV, Meghna
(74) FB Rice Pty Ltd

(71) Guardant Health, Inc.
(11) AU-A-2025203040
(21) 2025203040 (22) 30.04.2025
(54) Methods and systems for detecting contamination between samples
(51) Int. Cl.
G16B 30/10 (2019.01)
C12Q 1/68 (2018.01)
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(72) CHUDOVA, Darya; ELTOUKHY, Helmy; FAIRCLOUGH, Stephen; RAJAGOPALAN, Narsi; SIKORA, Marcin
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Haleem, S.
(11) AU-A-2025203110
(21) 2025203110 (22) 30.04.2025
(54) SURGICAL INSTRUMENT FOR EXCISING TISSUE
(51) Int. Cl.
A61B 17/16 (2006.01)
A61B 10/02 (2006.01)
A61B 17/29 (2006.01)
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(72) Haleem, Shahnawaz
(74) Morcom Pernat

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(11) AU-A-2024339209
(21) 2024339209 (22) 18.03.2024
(54) siRNA targeting and regulating PCSK9 gene expression and use thereof
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61K 47/54 (2017.01)

A61P 3/06 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
C07H 15/04 (2006.01)
C07H 15/26 (2006.01)
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(74) GLMR

(71) ICM Airport Technics Pty Ltd
(11) AU-A-2025201907
(21) 2025201907 (22) 17.03.2025
(54) DEVICE WITH BIOMETRIC SYSTEM
(51) Int. Cl.
G06V 10/25 (2022.01)
G06F 3/01 (2006.01)
G06V 40/16 (2022.01)
G06T 7/11 (2017.01)
G06V 10/75 (2022.01)
G06V 10/98 (2022.01)
(43) 22.05.2025
(62) 2019272041
(72) Landgrebe, Thomas Christopher Wolfgang; Merritt, Joshua James Maxwell; Dinkelmann, Rainer
(74) Griffith Hack

(71) Ignite Orthopedics LLC
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(21) 2025203045 (22) 30.04.2025
(54) Implants, systems and methods of using the same
(51) Int. Cl.
A61F 2/46 (2006.01)
A61F 2/40 (2006.01)
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(71) IGT
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(54) SYSTEM AND METHOD FOR UTILIZING MOBILE DEVICE TO PROVIDE SERVICE WINDOW FUNCTIONALITY
(51) Int. Cl.
A63F 13/30 (2014.01)
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(72) Higgins, Kevin M.; Nelson, Dwayne R.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Industro International Co., Ltd.
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(54) BLADE CONTAINER OPERABLE TO SEVER A BLADE
(51) Int. Cl.

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B65D 25/10 (2006.01)
B65D 25/22 (2006.01)
B65D 25/54 (2006.01)
B65D 43/16 (2006.01)

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(72) KUO-CHAN HUANG
(74) MBIP

(71) Industro International Co., Ltd.
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(21) 2023263456 (22) 07.11.2023
(54) HANGABLE SHEATH ASSEMBLY
(51) Int. Cl.
B26B 29/02 (2006.01)
B26B 29/04 (2006.01)
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(72) KUO-CHAN HUANG
(74) MBIP

(71) INSULET CORPORATION
(11) AU-A-2025203062
(21) 2025203062 (22) 30.04.2025
(54) Adaptable asymmetric medicament cost component in a control system for medicament delivery
(51) Int. Cl.
G16H 20/17 (2018.01)
A61M 5/14 (2006.01)
G16H 40/63 (2018.01)
G16H 50/20 (2018.01)
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(74) Davies Collison Cave Pty Ltd

(71) International N&H Denmark ApS
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(54) New lactic acid bacteria with sweetening properties and uses thereof
(51) Int. Cl.
C12R 1/46 (2006.01)
A23C 9/123 (2006.01)
C07K 14/315 (2006.01)
C12N 1/20 (2006.01)
C12N 9/12 (2006.01)
C12N 9/38 (2006.01)
C12N 15/01 (2006.01)
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(62) 2018386654
(72) COCHU-BLACHÈRE, Armelle; FREMAUX, Christophe; DESFOUGÈRES, Thomas
(74) Oxygene IP

(71) IPCO 2012 Limited
(11) AU-A-2025203100
(21) 2025203100 (22) 30.04.2025
(54) A method, computer program product and an apparatus
(51) Int. Cl.
G06Q 20/08 (2012.01)
G06Q 40/00 (2023.01)
G06Q 40/02 (2023.01)

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(72) KENDALL, Christopher Paul; RUB-BERT, Paul Edward
(74) Davies Collison Cave Pty Ltd

(71) Janssen Pharmaceutica NV
(11) AU-A-2025203071
(21) 2025203071 (22) 30.04.2025
(54) Glucagon like peptide 1 (GLP1)-growth differentiation factor 15 (GDF15) fusion proteins and uses thereof
(51) Int. Cl.
C07K 14/495 (2006.01)
A61K 38/18 (2006.01)
A61K 38/22 (2006.01)
A61K 47/64 (2017.01)
C07K 14/575 (2006.01)
C07K 14/765 (2006.01)
C12N 15/11 (2006.01)
C12N 15/63 (2006.01)
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(71) Jensen Sweden AB
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(21) 2024259743 (22) 06.11.2024
(54) Garment sorting system and method
(51) Int. Cl.
B07C 3/02 (2006.01)
B07C 3/08 (2006.01)
B07C 5/36 (2006.01)
(31) 18/503,621 (32) 07.11.23 (33) US
(43) 22.05.2025
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(74) Griffith Hack

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(21) 2025203054 (22) 30.04.2025
(54) Methods of administering chimeric antigen receptor immunotherapy
(51) Int. Cl.
A61K 31/573 (2006.01)
A61K 35/17 (2015.01)
A61K 38/34 (2006.01)
(43) 22.05.2025
(62) 2020267378
(72) JAIN, Rajul; VEZAN, Remus
(74) FPA Patent Attorneys Pty Ltd

(71) Komatsu Ltd.
(11) AU-A-2025203138
(21) 2025203138 (22) 02.05.2025
(54) Construction management system, data processing device, and construction management method
(51) Int. Cl.
G06Q 50/08 (2012.01)

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(72) KAWAMOTO, Shun; HASUMI, Tsubasa; SUGIMURA, Minami; DONG, Li; HIRAMA, Shota
(74) Spruson & Ferguson

(71) Landis+Gyr Technology, Inc.
(11) AU-A-2025203114
(21) 2025203114 (22) 01.05.2025
(54) Managing outage detections and reporting
(51) Int. Cl.
H04W 24/04 (2009.01)
H04L 45/02 (2022.01)
H04W 40/24 (2009.01)
H04W 84/18 (2009.01)
H04W 24/08 (2009.01)
H04W 40/14 (2009.01)
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(62) 2020282835
(72) CARDOZO, Ruben E. Salazar; TURNER, James Randall
(74) GLMR

(71) Lantheus Medical Imaging, Inc.
(11) AU-A-2025203137
(21) 2025203137 (22) 02.05.2025
(54) PIERCEABLE PLUG FOR NEEDLE
(51) Int. Cl.
A61M 5/32 (2006.01)
G21G 4/08 (2006.01)
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(71) Magnosco GmbH
(11) AU-A-2024227258
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(54) DIGITAL DERMATOSCOPE
(51) Int. Cl.
A61B 5/00 (2006.01)
(31) 23203017.1 (32) 11.10.23 (33) EP
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(72) FETT, Axel; SEIFERT, Christoph; STANKOVIC, Goran; PATROVSKY, Fabian
(74) Integrated IP

(71) MAKO Surgical Corp.
(11) AU-A-2025203131
(21) 2025203131 (22) 01.05.2025
(54) Systems and methods for preoperative planning and postoperative analysis of surgical procedures
(51) Int. Cl.
A61B 34/20 (2016.01)
A61B 17/56 (2006.01)
A61B 34/00 (2016.01)
A61B 90/00 (2016.01)

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 (72) DE SOUZA, Kevin Michael; HAMPP, Emily; SCHOLL, Laura
 (74) FB Rice Pty Ltd

(71) MAS Innovation (Private) Limited
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 (21) 2025203058 (22) 30.04.2025
 (54) ABSORBENT PAD FOR A GARMENT
 (51) Int. Cl.
A61F 13/475 (2006.01)
A41B 9/00 (2006.01)
A61F 13/476 (2006.01)
A61F 13/49 (2006.01)
A61F 13/494 (2006.01)

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 (72) KAJANTHAN, Arulseeelan; SEN-ANAYAKE, Lanka Buddhika; SELVA-RAJAH, Jalandhiran; ARACHCHIGE, Sumedha Kuruppu; DUSHYANTHA, Mapitiyage Don Janith; FERNANDO, Kanishka
 (74) James & Wells Intellectual Property

(71) MasterCard International Incorporated
 (11) AU-A-2025203145
 (21) 2025203145 (22) 02.05.2025
 (54) Payment transaction process employing invoice token
 (51) Int. Cl.
G06Q 20/12 (2012.01)
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 (11) AU-A-2025203077
 (21) 2025203077 (22) 30.04.2025
 (54) Methods and materials for assessing and treating obesity
 (51) Int. Cl.
A61B 5/00 (2006.01)
G01N 33/48 (2006.01)
G01N 33/50 (2006.01)
G01N 33/68 (2006.01)
 (43) 22.05.2025
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 (72) ACOSTA, Andres J.; CAMILLERI, Michael L.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Maytronics Ltd
 (11) AU-A-2024259736
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(54) Systems, Units, and Methods for Monitoring Swimming Pool Characteristics by Measuring Swimming-Pool Water-Manipulation Responsivity
 (51) Int. Cl.
G01N 33/18 (2006.01)
C02F 1/66 (2023.01)
C02F 1/68 (2023.01)
G01N 21/27 (2006.01)
G01N 21/29 (2006.01)
G01N 21/33 (2006.01)
G01N 21/3577 (2014.01)
 (31) 18/502,017 (32) 05.11.23 (33) US
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 (72) Tzur, Doron; Haviv, Shimry
 (74) IP SOLVED (ANZ) PTY. LTD.

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 (54) A BEAUTY CASE
 (51) Int. Cl.
A45D 40/24 (2006.01)
A45D 33/00 (2006.01)
A45D 33/28 (2006.01)
A45D 40/18 (2006.01)
A45D 40/22 (2006.01)
 (31) 223903536 (32) 04.11.23 (33) AU
 (43) 22.05.2025
 (72) MEISENHELTER, Selena
 (74) Esselle Pty Ltd

(71) MELD Manufacturing Corporation
 (11) AU-A-2025203169
 (21) 2025203169 (22) 05.05.2025
 (54) Solid-state methods of joining dissimilar materials and parts and solid-state additive manufacturing of coatings
 (51) Int. Cl.
B28B 1/00 (2006.01)
B28B 23/10 (2006.01)
B29C 64/10 (2017.01)
B29C 64/20 (2017.01)
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 (62) 2019290657
 (72) BROACH, Anita T.; COX, Chase; GAR-GUILO, Christopher; HARDWICK, Nanci
 (74) LAMINAR IP PTY LTD

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 (11) AU-A-2025203066
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 (54) Additives for protein formulations to improve thermal stability
 (51) Int. Cl.
A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/12 (2006.01)
A61K 47/26 (2006.01)
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 (72) ROSENKRANZ, Tobias; SCHACHE, Janet
 (74) Davies Collison Cave Pty Ltd

(71) Merck Patent GmbH
 (11) AU-A-2025203171
 (21) 2025203171 (22) 05.05.2025
 (54) A substituted amino-pyrimidine compound for use in a method for treatment and prevention of multiple sclerosis
 (51) Int. Cl.
A61K 31/506 (2006.01)
A61P 25/28 (2006.01)
 (43) 22.05.2025
 (62) 2019306828
 (72) DYROFF, Martin; MITCHELL, David; PAPASOULIOTIS, Orestis
 (74) Griffith Hack

(71) Merit Medical Systems, Inc.
 (11) AU-A-2025203174
 (21) 2025203174 (22) 05.05.2025
 (54) Pliant members for receiving and aiding in the deployment of vascular prostheses
 (51) Int. Cl.
A61F 2/962 (2013.01)
A61F 2/95 (2013.01)
A61M 25/01 (2006.01)
 (43) 22.05.2025
 (62) 2023202115
 (72) MOWER, Wayne; ADAMS, Michael; ELLER, Zeke; HALL, John; CINDRICH, Christopher
 (74) Spruson & Ferguson

(71) Motorola Solutions, Inc.
 (11) AU-A-2024219339
 (21) 2024219339 (22) 03.09.2024
 (54) PORTABLE COMMUNICATION DEVICE WITH KNOB ROTATION LOCKING MECHANISM
 (51) Int. Cl.
G06F 3/16 (2006.01)
G05G 1/01 (2008.04)
G05G 1/02 (2006.01)
G05G 1/08 (2006.01)
G05G 1/10 (2006.01)
G06F 1/16 (2006.01)
G06F 3/02 (2006.01)
 (31) 18/503,758 (32) 07.11.23 (33) US
 (43) 22.05.2025
 (72) Krishnan, Arun; Duman, Goktug; Pope, Thomas
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Neuracle Science Co., Ltd.
 (11) AU-A-2025203048
 (21) 2025203048 (22) 30.04.2025
 (54) Anti-family with sequence similarity 19, member A5 antibodies and method of use thereof
 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)
A61K 39/395 (2006.01)
C07K 7/00 (2006.01)
 (43) 22.05.2025
 (62) 2017353939
 (72) CHUNG, Junho; YUNE, Tae Young; KIM, Bongcheol; SEONG, Jae Young;

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(74) Spruson & Ferguson

(71) NEUROGLEE SCIENCE PTE. LTD.
(11) AU-A-2025203088
(21) 2025203088 (22) 30.04.2025
(54) SYSTEM AND METHOD FOR DELIVERING PERSONALIZED COGNITIVE INTERVENTION
(51) Int. Cl.
G16H 20/70 (2018.01)
A61B 5/16 (2006.01)
G06N 20/00 (2019.01)
(43) 22.05.2025
(62) 2021364369
(72) RAJPUT, Aniketsingh Vithalsingh; PATERSON, Michael Donald; GANGWAR, Bikram Aditya; RYKOV, Iurii
(74) Madderns Pty Ltd

(71) NewSouth Innovations Pty Limited
(11) AU-A-2025203089
(21) 2025203089 (22) 30.04.2025
(54) Composite products and the manufacture thereof
(51) Int. Cl.
C04B 18/04 (2006.01)
B09B 3/00 (2022.01)
B29C 39/38 (2006.01)
B29C 39/42 (2006.01)
C04B 18/24 (2006.01)
(43) 22.05.2025
(62) 2022287653
(72) HERIYANTO, Heriyanto; GHOSE, Anirban; SAHAJWALLA, Veena
(74) MINTER ELLISON

(71) Ningbo Yinzhou Mairuo IMP.& EXP. Co., Ltd.
(11) AU-A-2023274112
(21) 2023274112 (22) 29.11.2023
(54) Rotating mechanism and binding belt tensioner
(51) Int. Cl.
B60P 7/08 (2006.01)
(31) 202323014228X (32) 08.11.23 (33) CN
(43) 22.05.2025
(72) Yuan Yan
(74) Remarkable IP

(71) Ningbo Yinzhou Mairuo IMP.& EXP. Co., Ltd.
(11) AU-A-2023274113
(21) 2023274113 (22) 29.11.2023
(54) Press buckle
(51) Int. Cl.
A44B 11/14 (2006.01)
(31) 2023230145517 (32) 08.11.23 (33) CN
(43) 22.05.2025
(72) Yuan Yan
(74) Remarkable IP

(71) Nooma Bio, Inc.
(11) AU-A-2025203108
(21) 2025203108 (22) 30.04.2025

(54) Target sequence detection by nanopore sensing of synthetic probes
(51) Int. Cl.
C12Q 1/68 (2018.01)
(43) 22.05.2025
(62) 2022201705
(72) MORIN, Trevor J.; HELLER, Daniel A.
(74) FB Rice Pty Ltd

(71) Norton (Waterford) Limited
(11) AU-A-2025203065
(21) 2025203065 (22) 30.04.2025
(54) Dry powder medicament inhaler
(51) Int. Cl.
A61M 15/00 (2006.01)
A61M 16/12 (2006.01)
(43) 22.05.2025
(62) 2022358453
(72) CROWLEY, Peter John; HAZENBERG, Jan Geert; BUCK, Daniel; GOTTESMAN, Josh
(74) Spruson & Ferguson

nthalmic holding Pty Ltd see Brighten Optix Corp.
(21) 2025203080

(71) Nunhems B.V.
(11) AU-A-2023263447
(21) 2023263447 (22) 07.11.2023
(54) Lettuce Variety NUN 06611 LTL
(51) Int. Cl.
A01H 5/12 (2018.01)
A01H 6/14 (2018.01)
(43) 22.05.2025
(72) Juan Francisco Munoz Munoz
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2024204768
(21) 2024204768 (22) 10.07.2024
(54) TOMATO VARIETY NUN 05073 TOF
(51) Int. Cl.
A01H 6/82 (2018.01)
A01H 1/02 (2006.01)
A01H 5/08 (2018.01)
(31) 2023903571 (32) 08.11.23 (33) AU
(43) 22.05.2025
(72) Taskiran, Azime Akman
(74) Davies Collison Cave Pty Ltd

(71) OCADO INNOVATION LIMITED
(11) AU-A-2025203135
(21) 2025203135 (22) 01.05.2025
(54) STORAGE SYSTEM AND STORAGE CONTAINER
(51) Int. Cl.
B65D 6/04 (2006.01)
B65D 6/30 (2006.01)
B65D 21/02 (2006.01)
B65D 65/42 (2006.01)
B65D 65/46 (2006.01)
B65D 77/04 (2006.01)

(43) 22.05.2025
(62) 2022267027
(72) AUBUSSON, Alastair; MCLARNEY, Nicholas; PARKS, Ian; HOLT, David
(74) James & Wells Intellectual Property

(71) Ohio State Innovation Foundation; Mayo Foundation for Medical Education and Research
(11) AU-A-2025201760
(21) 2025201760 (22) 11.03.2025
(54) Human PD1 peptide vaccines and uses thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/71 (2006.01)
(43) 22.05.2025
(62) 2018243920
(72) KAUMAYA, Pravin T.P.; BEKALI-SAAB, Tanios
(74) FB Rice Pty Ltd

(71) OPACMARE S.p.A.
(11) AU-A-2024259776
(21) 2024259776 (22) 07.11.2024
(54) DOOR HAVING AT LEAST ONE SLIDING SASH AND ONE HINGED SASH
(51) Int. Cl.
E06B 3/50 (2006.01)
B63B 19/02 (2006.01)
E05B 65/08 (2006.01)
(31) 102023000023370 (32) 07.11.23 (33) IT
(43) 22.05.2025
(72) Grimaldi, Michele
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Oracle International Corporation
(11) AU-A-2025203074
(21) 2025203074 (22) 30.04.2025
(54) SELECTING THREADS FOR CONCURRENT PROCESSING OF DATA
(51) Int. Cl.
G06F 9/38 (2018.01)
G06F 9/48 (2006.01)
(43) 22.05.2025
(62) 2019202925
(72) Venkataraman, Subramanian Chittoor; Kumar, Balender; Alamuri, Sai Krishna Sujith; Redrowthu, Murali Krishna; Sivaraman, Srividya Bhavani
(74) Pizzys Patent and Trade Mark Attorneys Pty Ltd

(71) OXTI Pte Ltd
(11) AU-A-2023263430
(21) 2023263430 (22) 06.11.2023
(54) EXPANDABLE PORTABLE POWER SUPPLY
(51) Int. Cl.
H02J 7/00 (2006.01)
H02B 1/04 (2006.01)
(43) 22.05.2025
(72) Chih-Feng Ho
(74) Alfred Lei

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(71) PACCAR Inc
(11) AU-A-2025203196
(21) 2025203196 (22) 05.05.2025
(54) SYSTEMS AND METHODS FOR DETERMINING A HEIGHT OF AN OBJECT ABOVE A VEHICLE

(51) Int. Cl.
B60G 17/00 (2006.01)
B60W 10/22 (2006.01)
B60W 30/00 (2006.01)
B62D 13/06 (2006.01)

(43) 22.05.2025
(62) 2018425458
(72) DELIZO, Stan; SCHERZINGER, Ted; HAN, Yen-Lin; CHONG, Austin; HEUSSY, Christian; HOFGAARD, Caroline; KHOMENKO, Oleksiy; SHAMMAMI, Pauline; SCHAUBLE, Kirstin

(74) Madderns Pty Ltd

(71) PARADOX, INC.
(11) AU-A-2025203052
(21) 2025203052 (22) 30.04.2025
(54) Intelligent assistant content generation
(51) Int. Cl.
G06Q 10/10 (2023.01)
G06F 40/35 (2020.01)
H04L 51/02 (2022.01)
H04L 51/04 (2022.01)

(43) 22.05.2025
(62) 2022256049
(72) OST, Stephen Derek; SARCEDA, Jessica Anna
(74) FPA Patent Attorneys Pty Ltd

(71) Pentair Water Pool and Spa, Inc.
(11) AU-A-2024259717
(21) 2024259717 (22) 04.11.2024
(54) Hybrid filter and chemical cleaning assembly and method
(51) Int. Cl.
B01D 65/02 (2006.01)
B01D 63/02 (2006.01)
B01D 65/10 (2006.01)
C02F 1/44 (2023.01)
E04H 4/12 (2006.01)
C02F 103/42 (2006.01)

(31) 63/595,700 (32) 02.11.23 (33) US
(43) 22.05.2025
(72) DZINDO, Azur; SAFON, Thomas Johnson; RAY, Caleb; ALHAJEH, Anas; SMITH, Alexander; FORE, Donnie; PINNELL, Eric; KOCH, Kenneth; ADAMS, Stephanie; MCEWAN, Sean
(74) GLMR

(71) Poseida Therapeutics, Inc.
(11) AU-A-2025203005
(21) 2025203005 (22) 29.04.2025
(54) Modified stem cell memory T cells, methods of making and methods of using same
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)

(43) 22.05.2025
(62) 2022235633
(72) OSTERTAG, Eric; SHEDLOCK, Devon
(74) Spruson & Ferguson

(71) Prime Forming & Construction Supplies, Inc., dba Fitzgerald Formliners
(11) AU-A-2025203056
(21) 2025203056 (22) 30.04.2025
(54) Formliner for forming a pattern in curable material and method of use
(51) Int. Cl.
B28B 7/36 (2006.01)
B29C 39/00 (2006.01)
E04B 2/84 (2006.01)
E04F 21/04 (2006.01)
E04G 9/10 (2006.01)

(43) 22.05.2025
(62) 2022241496
(72) Sheehan, Brian Eugene; Fitzgerald, Edward Daniel
(74) Davies Collison Cave Pty Ltd

(71) Pulse IP, LLC
(11) AU-A-2025203082
(21) 2025203082 (22) 30.04.2025
(54) Titanium based ceramic reinforced alloy
(51) Int. Cl.
C22C 14/00 (2006.01)
A61L 31/02 (2006.01)

(43) 22.05.2025
(62) 2023201949
(72) Fisk, Andrew E.; Demchyshyn, Anatolii; Kulak, Leonid; Kuzmenko, Mykola
(74) Griffith Hack

Purdue Research Foundation see Endocyte, Inc.
(21) 2025203132

(71) QEDMA Quantum Computing Ltd.
(11) AU-A-2024220132
(21) 2024220132 (22) 26.09.2024
(54) Methods and systems for characterization and calibration of a quantum processor
(51) Int. Cl.
G06N 10/70 (2022.01)
G06N 10/20 (2022.01)
G06N 10/40 (2022.01)

(31) 63/596,702 (32) 07.11.23 (33) US
(43) 22.05.2025
(72) COHEN, Itsik; BERMAN, Adiel Reuvan Meyer; BAIREY, Eyal; LEVIATAN, Eyal; OVDAT, Omrie; GURWICH, Ilya; MELCER, Ron; ITKIN, Yaron; GOLAN, Omri; KOTLER, Shlomi; LINDNER, Netanel Hanan
(74) Spruson & Ferguson

(71) RadTran LLC
(11) AU-A-2025203044
(21) 2025203044 (22) 30.04.2025
(54) SYSTEMS AND METHODS FOR PREPARING TAILORED RADIOACTIVE ISOTOPE SOLUTIONS

(51) Int. Cl.
C07B 59/00 (2006.01)
A61K 51/00 (2006.01)

(43) 22.05.2025
(62) 2020424030
(72) DRERA, Saleem S.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2025203053
(21) 2025203053 (22) 30.04.2025
(54) Cell culture process for making a glycoprotein
(51) Int. Cl.
C12P 21/00 (2006.01)
C07K 14/415 (2006.01)
C12N 5/00 (2006.01)
C12N 15/09 (2006.01)
C12P 21/06 (2006.01)
(43) 22.05.2025
(62) 2023202659
(72) CHEN, John; LAWRENCE, Shawn; JOHNSON, Amy; LONEY, Theodore; PANGULE, Ravindra; HANG, Ta-Chun; CARVER, Scott; SCHILLING, Bernhard
(74) FPA Patent Attorneys Pty Ltd

(71) Regenxbio Inc.; The Johns Hopkins University
(11) AU-A-2025203154
(21) 2025203154 (22) 02.05.2025
(54) Treatment of ocular diseases with fully-human post-translationally modified anti-VEGF Fab
(51) Int. Cl.
A61F 9/007 (2006.01)
A61K 39/395 (2006.01)
A61M 5/32 (2006.01)
A61P 27/02 (2006.01)
(43) 22.05.2025
(62) 2018342094
(72) YOO, Stephen; REINHARDT, Rickey, Robert; VAN EVEREN, Sherri; KOZARSKY, Karen, Fran; SIMPSON, Curran, Matthew; WU, Zhuchun; CAMPOCHIARO, Peter, Anthony; SHEN, Jikui; DING, Kun
(74) FB Rice Pty Ltd

(71) ResMed Pty Ltd
(11) AU-A-2025203195
(21) 2025203195 (22) 05.05.2025
(54) TEXTILE SEAL-FORMING STRUCTURE WITH MULTIPLE CURVATURES
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 22.05.2025
(62) 2023203532
(72) EVES, Matthew; SCHEINER, Rupert Christian; DE VRIES, Callum Tyler; GUNNEY, Memduh
(74) Halfords IP

(71) Rite-Hite Holding Corporation
(11) AU-A-2025203081
(21) 2025203081 (22) 30.04.2025

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(54) Apparatus and methods for sensing vehicle positioning and vehicle restraint movement
(51) Int. Cl.
B65G 69/00 (2006.01)
(43) 22.05.2025
(62) 2023201634
(72) SVEUM, Matthew; MUSHYNSKI, Alan; SENFLEBEN, Jason
(74) WRAYS PTY LTD

(71) RMH Tech LLC
(11) AU-A-2025203140
(21) 2025203140 (22) 02.05.2025
(54) MOUNTING SYSTEM TO MOUNT A PHOTOVOLTAIC MODULE TO A SURFACE OF A BUILDING AND SYSTEM
(51) Int. Cl.
F24S 25/615 (2018.01)
F24S 25/61 (2018.01)
F24S 25/63 (2018.01)
F24S 25/636 (2018.01)
(43) 22.05.2025
(62) 2023200130
(72) HADDOCK, Dustin M. M.; HOLLEY, Nikolaus Jo; LEITCH, Paul Benjamin
(74) Cooper IP Pty Ltd

(71) Rollease Acmeda, Inc.
(11) AU-A-2024259749
(21) 2024259749 (22) 06.11.2024
(54) Motorised roller blind and wand assembly
(51) Int. Cl.
E06B 9/72 (2006.01)
E06B 9/44 (2006.01)
H01R 25/00 (2006.01)
H01R 31/06 (2006.01)
E06B 9/68 (2006.01)
(31) 2023903582 (32) 08.11.23 (33) AU
(43) 22.05.2025
(72) Matuichuk, Jonny Emilio
(74) Minter Ellison

(71) Rovi Guides, Inc.
(11) AU-A-2025203153
(21) 2025203153 (22) 02.05.2025
(54) Methods and systems for recommending to a first user media assets for inclusion in a playlist for a second user based on the second user's viewing activity
(51) Int. Cl.
G06Q 10/10 (2023.01)
G06Q 30/02 (2023.01)
G06Q 50/00 (2024.01)
(43) 22.05.2025
(62) 2023202191
(72) CHUNG, David D.
(74) Spruson & Ferguson

(71) S3 Group Ltd.
(11) AU-A-2024203013
(21) 2024203013 (22) 07.05.2024
(54) SPRING-BASED SUPPORT DEVICE FOR ANCHORING AND/OR CENT-

RALIZING A BOLT OR PIPE IN A BOREHOLE
(51) Int. Cl.
E21D 21/00 (2006.01)
E21B 19/24 (2006.01)
E21D 20/00 (2006.01)
(31) 3,218,701 (32) 02.11.23 (33) CA
(43) 22.05.2025
(72) Reeves, Robert Jim; Willett, James; Dimaunhan, Christian
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Sage Therapeutics, Inc.
(11) AU-A-2025203021
(21) 2025203021 (22) 29.04.2025
(54) Neuroactive steroids and methods of use thereof
(51) Int. Cl.
C07J 9/00 (2006.01)
A61K 31/575 (2006.01)
A61P 25/28 (2006.01)
(43) 22.05.2025
(62) 2022279366
(72) MARTINEZ BOTELLA, Gabriel; HARRISON, Boyd L.; ROBICHAUD, Albert J.; SALITURO, Francesco G.
(74) Spruson & Ferguson

(71) Sapreme Technologies B.V.
(11) AU-A-2025203017
(21) 2025203017 (22) 29.04.2025
(54) Improved antibody-oligonucleotide conjugate
(51) Int. Cl.
A61K 47/59 (2017.01)
A61K 47/64 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
(43) 22.05.2025
(62) 2019400630
(72) POSTEL, Ruben; FUCHS, Hendrik
(74) Griffith Hack

(71) Sapreme Technologies B.V.
(11) AU-A-2025203092
(21) 2025203092 (22) 30.04.2025
(54) Saponin conjugates
(51) Int. Cl.
A61K 47/55 (2017.01)
A61K 47/54 (2017.01)
A61K 47/59 (2017.01)
A61K 47/64 (2017.01)
(43) 22.05.2025
(62) 2019411278
(72) POSTEL, Ruben; FUCHS, Hendrik
(74) Griffith Hack

(71) Schneider Electric (Australia) Pty Ltd
(11) AU-A-2024227765
(21) 2024227765 (22) 30.10.2024
(54) SYSTEMS AND METHODS TO DISTRIBUTE, SYNCHRONIZE AND RESET EMERGENCY BREAK GLASS USER CREDENTIALS FOR REMOTE DEVICES
(51) Int. Cl.
G06F 21/60 (2013.01)

G06F 21/31 (2013.01)
G06F 21/45 (2013.01)
G06F 21/79 (2013.01)
(31) 18/765,960 (32) 08.07.24 (33) US
63/596,073 03.11.23 US
(43) 22.05.2025
(72) Enriquez, Luke
(74) Madderns Pty Ltd

(71) Shenzhen Porshealth Bioengineering Co., Ltd.
(11) AU-A-2024256082
(21) 2024256082 (22) 31.10.2024
(54) LACTIPLANTIBACILLUS PLANTARUM GOLDGUT-LP618 HAVING FUNCTION OF RESISTING SALMONELLA INFECTION AND APPLICATION THEREOF
(51) Int. Cl.
C12N 1/20 (2006.01)
A23K 10/18 (2016.01)
A23L 33/135 (2016.01)
A61K 35/747 (2015.01)
A61P 1/00 (2006.01)
A61P 1/12 (2006.01)
A61P 29/00 (2006.01)
A61P 31/04 (2006.01)
C12R 1/25 (2006.01)
(31) 2023114775616 (32) 07.11.23 (33) CN
(43) 22.05.2025
(72) Zhang, Silu; Zheng, Yanyi; Xiao, Guoxun; Zhou, Xiaoli; Lan, Caijuan; Feng, Yuebiao; Zhang, Tengxun; Teng, Xin; Huang, Song
(74) Remarkable IP

(71) Siemens Aktiengesellschaft
(11) AU-A-2024259712
(21) 2024259712 (22) 04.11.2024
(54) Process for ammonia synthesis using a reaction apparatus and associated reaction apparatus
(51) Int. Cl.
C01C 1/04 (2006.01)
B01D 5/00 (2006.01)
B01J 8/02 (2006.01)
B01J 23/755 (2006.01)
B33Y 80/00 (2015.01)
F28D 9/00 (2006.01)
F28F 1/04 (2006.01)
F28F 9/00 (2006.01)
(31) EP23207360 (32) 02.11.23 (33) EP
(43) 22.05.2025
(72) KIENER, Christoph
(74) Spruson & Ferguson

(71) SISTECH PRODUCTS SG PTE. LTD.
(11) AU-A-2024227783
(21) 2024227783 (22) 31.10.2024
(54) Access Control Device and Housing
(51) Int. Cl.
G07C 9/00 (2020.01)
E05B 17/22 (2006.01)
E05B 47/00 (2006.01)
E05B 63/00 (2006.01)
E05B 39/00 (2006.01)
(31) 2023903529 (32) 03.11.23 (33) AU

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(72) Harris, Peter; Paterson, Wayne; Wells, Robbie; Davies, Sebastian; Irwin, Mark
(74) JMDS IP Pty Ltd
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- Slidewaze Pty Ltd see Slidewaze Pty Ltd**
(21) 2025203181
-
- (71) Slidewaze Pty Ltd; Slidewaze Pty Ltd
(11) AU-A-2025203181
(21) 2025203181 (22) 05.05.2025
(54) Slidewaze, Easy Patient Mover
(51) Int. Cl.
A61G 7/10 (2006.01)
- (43) 22.05.2025
(62) 2023208085
(72) Witherford, Miles
(74) Slidewaze Pty Ltd
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- (71) SmartAC.com, Inc.
(11) AU-A-2024259838
(21) 2024259838 (22) 08.11.2024
(54) Determining HVAC cycle type through remote web-connected sensor data
(51) Int. Cl.
F24F 11/30 (2018.01)
F24F 11/64 (2018.01)
G05D 23/12 (2006.01)
- (31) 18/387,976 (32) 08.11.23 (33) US
(43) 22.05.2025
(72) Weaver, Kevin Douglas; Marshall, Brad; Fuselier, Andrew; Teekell, Josh
(74) Davies Collision Cave Pty Ltd
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- (71) Société des Produits Nestlé S.A.
(11) AU-A-2025203141
(21) 2025203141 (22) 02.05.2025
(54) Methods and compositions for increasing energy expenditure using cinnamaldehyde
(51) Int. Cl.
A61K 31/11 (2006.01)
A61K 36/54 (2006.01)
A61P 3/04 (2006.01)
A61P 43/00 (2006.01)
- (43) 22.05.2025
(62) 2024200698
(72) MICHLIG GONZALEZ, Stephanie; LE COUTRE, Johannes
(74) Spruson & Ferguson
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- (71) Sparrow Pharmaceuticals, Inc.
(11) AU-A-2025203033
(21) 2025203033 (22) 30.04.2025
(54) METHODS FOR ADMINISTERING CORTICOSTEROIDS
(51) Int. Cl.
A61K 31/4196 (2006.01)
A61K 31/496 (2006.01)
A61K 31/573 (2006.01)
- (43) 22.05.2025
(62) 2019384074
(72) KATZ, David A.
(74) AJ PARK
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- (71) St. Jude Children's Research Hospital
(11) AU-A-2025203194
(21) 2025203194 (22) 05.05.2025
(54) Nucleic acid molecules containing spacers and methods of use thereof
(51) Int. Cl.
A61K 35/76 (2015.01)
A61K 39/23 (2006.01)
C12N 7/01 (2006.01)
C12N 15/864 (2006.01)
- (43) 22.05.2025
(62) 2022215274
(72) Gray, John T.
(74) Davies Collision Cave Pty Ltd
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- (71) Stryker Corporation
(11) AU-A-2025203163
(21) 2025203163 (22) 05.05.2025
(54) Manifolds for a medical waste collection assembly and methods of collecting a tissue sample with the same
(51) Int. Cl.
A61B 10/02 (2006.01)
A61B 10/00 (2006.01)
- (43) 22.05.2025
(62) 2019269677
(72) ZOLLINGER, Michael; PETERSON, Michael
(74) Davies Collision Cave Pty Ltd
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- (71) Stryker European Operations Limited
(11) AU-A-2023263452
(21) 2023263452 (22) 07.11.2023
(54) INTERMEDIATE FEMORAL NAIL
(51) Int. Cl.
A61B 17/74 (2006.01)
A61B 17/72 (2006.01)
- (31) 63/423,187 (32) 07.11.23 (33) US
(43) 22.05.2025
(72) Sabine BIGDELI-ISSAZADEH
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Sungrow Power Supply Co., Ltd.
(11) AU-A-2024205003
(21) 2024205003 (22) 19.07.2024
(54) Microgrid inverter, microgrid system, and method for controlling microgrid inverter
(51) Int. Cl.
H02M 7/42 (2006.01)
H02J 3/46 (2006.01)
- (31) 202311481745.X (32) 08.11.23 (33) CN
(43) 22.05.2025
(72) XU, Jincheng; JIANG, Anying; YU, Yan-fei
(74) FB Rice Pty Ltd
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- (71) Systems IP Pty Ltd
(11) AU-A-2024259746
(21) 2024259746 (22) 06.11.2024
(54) A GOAL HOOP SUPPORT ASSEMBLY
(51) Int. Cl.
A63B 67/00 (2006.01)
A63B 5/11 (2006.01)
A63B 63/08 (2006.01)
A63B 71/02 (2006.01)
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- (31) 2023903567 (32) 07.11.23 (33) AU
(43) 22.05.2025
(72) Andon, Joe
(74) JMDS IP Pty Ltd
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- (71) Takeda Pharmaceutical Company Limited
(11) AU-A-2025203051
(21) 2025203051 (22) 30.04.2025
(54) PACKAGING FOR MULTIPLE CONTAINERS
(51) Int. Cl.
A61J 1/20 (2006.01)
B65D 21/02 (2006.01)
B65D 71/50 (2006.01)
- (43) 22.05.2025
(62) 2019351791
(72) JONES, Seth Dale; GIBSON, Madeleine Clare; ALEXANDER, Denise A.; ROUSH, Daniel Edward
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) Targan, Inc.
(11) AU-A-2025203148
(21) 2025203148 (22) 02.05.2025
(54) RECIRCULATION SYSTEM AND METHOD
(51) Int. Cl.
A01K 1/00 (2006.01)
A01K 7/02 (2006.01)
A01K 39/026 (2006.01)
- (43) 22.05.2025
(62) 2019310098
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(74) Murray Trento & Associates Pty Ltd
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(21) 2024259747 (22) 06.11.2024
(54) Systems, Components, And Methods For Noise Reduction In A Lawnmower
(51) Int. Cl.
A01D 34/82 (2006.01)
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- (31) 63/596,401 (32) 06.11.23 (33) US
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(72) GHAZALEH, Dawud Nunes; CRAVEN, Jordan Shane
(74) WRAYS PTY LTD
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- (71) Tencent America LLC
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(21) 2025203107 (22) 30.04.2025
(54) Method and Apparatus for Video Coding
(51) Int. Cl.
H04N 19/96 (2014.01)
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(74) IP Sentinels
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- (71) The Glad Products Company
(11) AU-A-2025203039

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(54) Thermoplastic bags with duplicative seals
(51) Int. Cl.
B65D 33/00 (2006.01)
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(74) Spruson & Ferguson

The Johns Hopkins University see Regenxbio Inc.

(21) 2025203154

(71) The University of Vermont and State Agriculture College
(11) AU-A-2025203003
(21) 2025203003 (22) 29.04.2025
(54) Compositions and methods for treating cardiovascular disease in selected patients
(51) Int. Cl.
A61P 9/04 (2006.01)
A61B 5/02 (2006.01)
G01N 33/48 (2006.01)
(43) 22.05.2025
(62) 2019255622
(72) SCHNEIDER, David
(74) Southern Cross Intellectual Property

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(21) 2025203126 (22) 01.05.2025
(54) STEREOCOMPLEXES FOR THE DELIVERY OF ANTI-CANCER AGENTS
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C08G 63/664 (2006.01)
A61K 47/59 (2017.01)
C08G 63/91 (2006.01)
C08L 67/04 (2006.01)
(43) 22.05.2025
(62) 2019394855
(72) TIEN, Der-Yang
(74) JMSD IP Pty Ltd

(71) TRU Zip LLC
(11) AU-A-2025203060
(21) 2025203060 (22) 30.04.2025
(54) Systems and methods for improved zipper slider garage
(51) Int. Cl.
A44B 19/16 (2006.01)
A44B 19/32 (2006.01)
B65D 33/25 (2006.01)
(43) 22.05.2025
(62) 2023216884
(72) MARTINSON, Daniel J.; BRIGHTMAN, Kent H.
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(71) TSENG, W.
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(54) Faucet
(51) Int. Cl.
C02F 1/461 (2023.01)
B01D 35/04 (2006.01)
C02F 1/42 (2023.01)
C02F 1/66 (2023.01)
E03C 1/04 (2006.01)
F16K 27/06 (2006.01)
(31) 112142844 (32) 07.11.23 (33) TW
(43) 22.05.2025
(72) TSENG, Wei-Cheng
(74) A.P.T. Patent and Trade Mark Attorneys

(71) UMC Innovation Limited
(11) AU-A-2024227750
(21) 2024227750 (22) 30.10.2024
(54) MESH FENCE
(51) Int. Cl.
E04H 17/04 (2006.01)
B21F 27/08 (2006.01)
(31) 805195 (32) 03.11.23 (33) NZ
(43) 22.05.2025
(72) ULLRICH, Mark William; HITCHINGS, Christopher Brent; MILLER, David Jethro
(74) P.L. Berry & Associates Ltd

(71) Universitat Autònoma de Barcelona
(11) AU-A-2025203001
(21) 2025203001 (22) 29.04.2025
(54) Viral expression construct comprising a fibroblast growth factor 21 (FGF21) coding sequence
(51) Int. Cl.
A61K 38/18 (2006.01)
C12N 15/86 (2006.01)
C12N 15/861 (2006.01)
(43) 22.05.2025
(62) 2018274655
(72) Jiménez Cenzano, Veronica; Bosch Tubert, Fatima; Jambriña Pallares, Claudia
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(71) Victaulic Company
(11) AU-A-2025203057
(21) 2025203057 (22) 30.04.2025
(54) Torque absorbing surface
(51) Int. Cl.
F16B 31/02 (2006.01)
F16B 37/02 (2006.01)
F16B 39/24 (2006.01)
F16B 39/282 (2006.01)
F16B 39/284 (2006.01)
F16B 43/00 (2006.01)
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(62) 2021379551
(72) BOWMAN, Matthew A.; MADARA, Scott D.
(74) Spruson & Ferguson

(71) Victaulic Company
(11) AU-A-2025203094

(21) 2025203094 (22) 30.04.2025
(54) Pipe grooving device
(51) Int. Cl.
B21D 17/04 (2006.01)
B21D 15/06 (2006.01)
(43) 22.05.2025
(62) 2021349862
(72) DOLE, Douglas
(74) Spruson & Ferguson

(71) Voom Medical Devices, Inc.
(11) AU-A-2025203119
(21) 2025203119 (22) 01.05.2025
(54) ORTHOPEDIC BONE SCREW
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/56 (2006.01)
A61B 17/58 (2006.01)
(43) 22.05.2025
(62) 2019364955
(72) BLITZ, Neal
(74) LAMINAR IP PTY LTD

(71) Wonderland Switzerland AG
(11) AU-A-2024259697
(21) 2024259697 (22) 01.11.2024
(54) Baby carrier
(51) Int. Cl.
B60N 2/28 (2006.01)
A47D 1/00 (2006.01)
A47D 13/02 (2006.01)
(31) 2023114560830 (32) 02.11.23 (33) CN
(43) 22.05.2025
(72) ZHANG, Kun; MO, Xiaolong; Ning, Huan
(74) Allens Patent & Trade Mark Attorneys

(71) Wonderland Switzerland AG
(11) AU-A-2024259847
(21) 2024259847 (22) 08.11.2024
(54) Child carrying device
(51) Int. Cl.
B62B 7/06 (2006.01)
B62B 7/14 (2006.01)
(31) 2023114867336 (32) 08.11.23 (33) CN
2024104945297 23.04.24 CN
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(43) 22.05.2025
(72) Zhong, Zhiren; Li, Fangming
(74) Allens Patent & Trade Mark Attorneys

(71) Xenipro GmbH
(11) AU-A-2025203069
(21) 2025203069 (22) 30.04.2025
(54) Aromatic molecules for use in the treatment of pathological conditions
(51) Int. Cl.
C07D 309/00 (2006.01)
A61K 31/192 (2006.01)
A61K 31/216 (2006.01)
A61K 31/44 (2006.01)
A61P 35/00 (2006.01)
C07D 205/04 (2006.01)
C07D 211/14 (2006.01)
C07D 211/22 (2006.01)
C07D 213/30 (2006.01)
C07D 263/32 (2006.01)

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C07D 401/12 (2006.01)
C07D 405/12 (2006.01)
C07D 407/12 (2006.01)
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C07D 453/02 (2006.01)
(43) 22.05.2025
(62) 2019326767
(72) REINMÜLLER, Viktoria; MARTY, Roman; WAGNIÈRES, Olivier; GUALTI-EROTTI, Jean-Baptiste; KÜPPERS, Verena
(74) Davies Collison Cave Pty Ltd
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- (71)** XINJIANG INSTITUTE OF ENGINEERING
(11) AU-A-2024278357
(21) 2024278357 **(22)** 09.05.2024
(54) METHOD FOR BACKFILLING AND INCREASING AREA OF GOB-SIDE ENTRY RETAINING WITH THICK AND HARD ROOF BY COMBINED WALL OF BACKFILLING BODY AND GANGUE
(51) Int. Cl.
E21F 15/06 (2006.01)
E21C 41/16 (2006.01)
(31) 202311457309.9 **(32)** 02.11.23 **(33)** CN
(43) 22.05.2025
(72) WANG, Rui; BAI, Jianbiao; ZHANG, Weiguang; CHANG, Zhiguo; DONG, Fa; CHEN, Quanjun; YANG, Haigang; ZHANG, Zizheng; CHE, Jinao
(74) IP Guardian Pty Ltd
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- (71)** Yohana LLC
(11) AU-A-2025203099
(21) 2025203099 **(22)** 30.04.2025
(54) Automated tagging and management of chat stream messages
(51) Int. Cl.
G06F 3/0481 (2022.01)
G06F 16/26 (2019.01)
G06N 3/08 (2023.01)
G06Q 10/06 (2023.01)
G06Q 10/10 (2023.01)
G06F 9/46 (2006.01)
G06F 16/31 (2019.01)
H04L 51/18 (2022.01)
(43) 22.05.2025
(62) 2024201427
(72) MATSUOKA, Yoky; VISWANATHAN, Nitin; LIU, Lingyun; DEMING, Benjamin; PATERSON, Sean; VAN DER LINDEN, Gwendolyn W.; BEAULIEU, Malia; CIVELEKOGLU, Defne
(74) Spruson & Ferguson
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- (71)** Zebra Technologies Corporation
(11) AU-A-2024227054
(21) 2024227054 **(22)** 02.10.2024
(54) Barcode-aware object verification
(51) Int. Cl.
G06K 19/06 (2006.01)
- G06F 18/00** (2023.01)
G06T 7/00 (2017.01)
G06V 10/22 (2022.01)
G06V 10/44 (2022.01)
(31) 18/386,394 **(32)** 02.11.23 **(33)** US
(43) 22.05.2025
(72) KOTLARSKY, Anatoly
(74) Spruson & Ferguson
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- (71)** Zebra Technologies Corporation
(11) AU-A-2024227075
(21) 2024227075 **(22)** 03.10.2024
(54) Systems and approaches for dissipating heat in bi-optic reader
(51) Int. Cl.
G06K 7/14 (2006.01)
(31) 18/387,239 **(32)** 06.11.23 **(33)** US
(43) 22.05.2025
(72) MITELMAN, Yuly; GALLAGHER, Ryan R.; BARKAN, Edward; DRZYMALA, Mark; HANDSHAW, Darran Michael
(74) Spruson & Ferguson
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- (71)** ZHANG, S.
(11) AU-A-2024203467
(21) 2024203467 **(22)** 24.05.2024
(54) Box and outdoor electric appliance
(51) Int. Cl.
H02B 1/015 (2006.01)
B65D 43/16 (2006.01)
B65D 53/02 (2006.01)
H02G 3/08 (2006.01)
(31) 63/596,672 **(32)** 07.11.23 **(33)** US
(43) 22.05.2025
(72) ZHANG, SuJu
(74) LAMINAR IP PTY LTD
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- (71)** Zimmer, Inc.
(11) AU-A-2025203179
(21) 2025203179 **(22)** 05.05.2025
(54) ANTI-LUXATION VIA VARIOUS TECHNIQUES AND APPARATUSES
(51) Int. Cl.
A61F 2/38 (2006.01)
A61F 2/30 (2006.01)
(43) 22.05.2025
(62) 2023285867
(72) Yoko, Tim; Barker, Joshua; Reidy, John; Vandiepenbos, Jeffery A.; Blaylock, Jeff; Meadows, David; Byrd, Brian D.
(74) PHILLIPS ORMONDE FITZPATRICK

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2023263430	OXTI Pte Ltd	2025203003	The University of Vermont and State Agriculture College
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2024205717	FMI BUILDING INNOVATION LIMITED	2025203044	RadTran LLC
2024216528	Adobe Inc.	2025203045	Ignite Orthopedics LLC
2024219339	Motorola Solutions, Inc.	2025203048	Neuracle Science Co., Ltd.
2024219935	TSENG, W.	2025203049	Diamond Therapeutics Inc.
2024220132	QEDMA Quantum Computing Ltd.	2025203051	Takeda Pharmaceutical Company Limited
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2024256082	Shenzhen Porshealth Bioengineering Co., Ltd.	2025203065	Norton (Waterford) Limited
2024259645	Channell Commercial Corporation	2025203066	Merck Patent GmbH
2024259673	Corning Research & Development Corporation	2025203069	Xeniopro GmbH
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2025202679	Carmot Therapeutics, Inc.	2025203129	Aristocrat Technologies Australia Pty Limited
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- . (**) Title not given

(71) 2543500 ALBERTA LTD., D.B.A. SHAW PIPE PROTECTION (11) AU-A-2023382101 (21) 2023382101 (22) 02.11.2023 (54) FIELD JOINT METHOD AND APPAR- ATUS (51) Int. Cl. B05D 1/26 (2006.01) B05C 7/06 (2006.01) F16L 58/02 (2006.01) F16L 58/18 (2006.01) (87) WO2024/103154 (31) 63/425,385 (32) 15.11.22 (33) US (43) 23.05.2024 (72) SLETVOLD, Torgeir; OLSEN, Jim Ronny; GRYTBAKK, Terje; WAN, Eileen (74) Spruson & Ferguson	(54) SYSTEMS, DEVICES, AND METHODS FOR DUAL ANALYTE SENSOR (51) Int. Cl. G16H 20/17 (2018.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01) G16H 50/20 (2018.01) (87) WO2024/137965 (31) 63/435,028 (32) 23.12.22 (33) US (43) 27.06.2024 (72) HAYTER, Gary A.; BUDIMAN, Erwin S.; TAUB, Marc B.; HARPER, Wesley Scott (74) FPA Patent Attorneys Pty Ltd	(71) AEON BIOPHARMA, INC. (11) AU-A-2023375349 (21) 2023375349 (22) 07.11.2023 (54) COMPOSITIONS FOR USE IN TREAT- ING HEADACHE DISORDERS (51) Int. Cl. A61K 38/26 (2006.01) A61K 38/48 (2006.01) A61K 45/06 (2006.01) A61P 25/06 (2006.01) C07K 14/605 (2006.01) A61K 38/00 (2006.01) A61P 25/00 (2006.01) (87) WO2024/102741 (31) 63/423,158 (32) 07.11.22 (33) US (43) 16.05.2024 (72) BLUMENFELD, Andrew Michael (74) K&L Gates
(71) 3H PHARMACEUTICALS CO., LTD. (11) AU-A-2023350283 (21) 2023350283 (22) 07.10.2023 (54) ANTI-FGFR2B ANTIBODIES AND USES THEREOF (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) (87) WO2024/067876 (31) PCT/ CN2022/122986 (32) 30.09.22 (33) CN (43) 04.04.2024 (72) LI, You; WANG, Ruiqin; ZHANG, Jian- wei; ZHOU, Shanshan; PING, Xianqi- ang; LIN, Jufang; CAI, Mingqing; HU, Shaojing (74) WRAYS PTY LTD	(71) ACON FINLAND OY LTD (11) AU-A-2023374833 (21) 2023374833 (22) 27.10.2023 (54) TRAMPOLINE FRAME STRUCTURE (51) Int. Cl. A63B 5/11 (2006.01) A63B 71/02 (2006.01) (87) WO2024/094917 (31) 20227136 (32) 04.11.22 (33) FI (43) 10.05.2024 (72) MÄKELÄ, Tapio; LUHTANIEMI, Timo; KIVINIEMI, Jari (74) Alder IP Pty Ltd	(71) ALENTIS THERAPEUTICS AG (11) AU-A-2023380152 (21) 2023380152 (22) 14.11.2023 (54) BIOMARKERS FOR FIBROSIS TREATMENT USING ANTI-CLAUDIN-1 ANTIBODIES (51) Int. Cl. G01N 33/68 (2006.01) (87) WO2024/105446 (31) 63/383,658 (32) 14.11.22 (33) US (43) 23.05.2024 (72) POLINI, Elisa; IACONE, Roberto; TEIXEIRA, Geoffrey; TOSO, Alberto; MEYER, Markus KJ (74) Spruson & Ferguson
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(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023413110 (21) 2023413110 (22) 21.12.2023	(71) ADAGENE PTE. LTD. (11) AU-A-2023373006 (21) 2023373006 (22) 02.11.2023 (54) METHODS FOR TREATING CANCER USING ANTI-CTLA4 ANTIBODY IN COMBINATION WITH PEMBROLIZU- MAB (51) Int. Cl. A61P 35/00 (2006.01) C07K 16/28 (2006.01) (87) WO2024/097896 (31) 63/422,947 (32) 05.11.22 (33) US (43) 10.05.2024 (72) ZHA, Jiping; ZHENG, Songmao; LIU, Guizhong; SHE, Xiaohong; LUO, Peter Peizhi (74) AJ PARK	(71) ALTO NEUROSCIENCE, INC. (11) AU-A-2023391488 (21) 2023391488 (22) 04.12.2023

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(51) Int. Cl.
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(51) Int. Cl.
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G06V 20/30 (2022.01)
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(87) WO2024/075045
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G06Q 50/00 (2024.01)
H04L 67/52 (2022.01)
H04W 4/02 (2018.01)
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A61B 5/00 (2006.01)
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B03D 1/02 (2006.01)
B03B 7/00 (2006.01)
B03C 1/30 (2006.01)
B03D 1/001 (2006.01)
C22B 1/00 (2006.01)
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C22C 38/58 (2006.01)
C21D 1/18 (2006.01)
C21D 1/22 (2006.01)
C21D 1/26 (2006.01)
C21D 1/60 (2006.01)
C21D 1/84 (2006.01)
C21D 6/00 (2006.01)
C21D 6/02 (2006.01)
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C22C 38/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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A61P 25/08 (2006.01)
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B29B 17/04 (2006.01)
B29C 48/00 (2019.01)
B29C 48/09 (2019.01)
B29C 48/21 (2019.01)
B29C 48/76 (2019.01)
B32B 1/08 (2006.01)
B32B 27/34 (2006.01)
C08L 77/00 (2006.01)
C08L 77/02 (2006.01)
F16L 9/12 (2006.01)
F16L 11/04 (2006.01)
B29K 77/00 (2006.01)
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C01B 32/50 (2017.01)
C07C 217/28 (2006.01)
C07D 211/58 (2006.01)
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B29C 65/00 (2006.01)
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G02B 26/08 (2006.01)
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C08J 3/24 (2006.01)
C08K 3/16 (2006.01)
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C08K 11/00 (2006.01)
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C08F 220/56 (2006.01)
C08J 3/075 (2006.01)
C08L 33/06 (2006.01)

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C12N 5/02 (2006.01)
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A01N 37/40 (2006.01)
A01N 43/50 (2006.01)
A01N 43/80 (2006.01)
A01P 3/00 (2006.01)
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B01J 20/26 (2006.01)
C08G 73/02 (2006.01)
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A61B 5/01 (2006.01)
A61B 5/024 (2006.01)
A61B 5/11 (2006.01)
A61B 5/296 (2021.01)
A61B 5/389 (2021.01)
A61B 5/391 (2021.01)
G06F 18/25 (2023.01)
G06N 20/00 (2019.01)
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C12N 15/10 (2006.01)

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G06V 40/20 (2022.01)
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C07D 491/056 (2006.01)
A61K 31/519 (2006.01)
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C08F 265/06 (2006.01)
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C09D 151/00 (2006.01)
C08F 2/38 (2006.01)
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B66D 3/00 (2006.01)
B66B 9/187 (2006.01)
B66C 1/02 (2006.01)
B66F 9/02 (2006.01)
E04B 1/34 (2006.01)
E04G 3/32 (2006.01)
E06C 7/12 (2006.01)
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A61P 3/08 (2006.01)
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A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
A61P 35/00 (2006.01)
C07D 519/00 (2006.01)
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A61K 47/68 (2017.01)
A61K 39/395 (2006.01)
C07K 16/30 (2006.01)
C07K 16/40 (2006.01)
G01N 33/573 (2006.01)
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E21B 19/10 (2006.01)
F16B 2/16 (2006.01)
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B63B 32/10 (2020.01)
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F21S 41/141 (2018.01)
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G06Q 50/02 (2024.01)
G01C 11/02 (2006.01)
G01C 21/12 (2006.01)
G06T 7/00 (2017.01)
G06V 20/10 (2022.01)
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G06N 3/08 (2023.01)
G06T 7/00 (2017.01)
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A61K 31/05 (2006.01)
C07C 39/23 (2006.01)
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A61M 5/168 (2006.01)
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B60L 50/53 (2019.01)
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B60M 1/30 (2006.01)
B60M 1/02 (2006.01)
B60P 1/54 (2006.01)
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B60L 5/38 (2006.01)
E01F 15/06 (2006.01)
H01R 25/14 (2006.01)
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A61K 35/28 (2015.01)
A61K 8/98 (2006.01)
A61P 17/14 (2006.01)
C12N 5/0775 (2010.01)
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B01D 11/02 (2006.01)
C01F 15/00 (2006.01)
C01F 17/206 (2020.01)
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G01L 25/00 (2006.01)
B60W 10/06 (2006.01)
B60W 20/10 (2016.01)
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(11) AU-A-2023385697

(21) 2023385697 (22) 21.11.2023

(54) ORAL CARE COMPOSITIONS

(51) Int. Cl.

A61K 8/19 (2006.01)

A61K 8/21 (2006.01)

A61K 8/27 (2006.01)

A61K 8/44 (2006.01)

A61Q 11/00 (2006.01)

(87) WO2024/112722

(31) 63/427,219 (32) 22.11.22 (33) US

(43) 30.05.2024

(72) D'AMBROGIO, Robert; DENIS, Jean;
EVANS, Lauren

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(71) COLGATE-PALMOLIVE COMPANY

(11) AU-A-2023385838

(21) 2023385838 (22) 21.11.2023

(54) ORAL CARE COMPOSITIONS

(51) Int. Cl.

A61K 8/19 (2006.01)

A61K 8/20 (2006.01)

A61K 8/21 (2006.01)

A61K 8/24 (2006.01)

A61K 8/44 (2006.01)

A61K 8/46 (2006.01)

A61Q 11/00 (2006.01)

(87) WO2024/112780

(31) 63/427,124 (32) 22.11.22 (33) US

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63/427,135 22.11.22 US

(43) 30.05.2024

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HARRIS, Courtney Nicole; GOVINDA-
RAJU, Gokul; D'AMBROGIO, Robert;
DENIS, Jean; EVANS, Lauren

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NOVA PLASMA LTD.

(11) AU-A-2023403352

(21) 2023403352 (22) 29.11.2023

(54) TECHNOLOGIES FOR PLASMA PERI-
ODONTAL TREATMENT DEVICES
AND METHODS

(51) Int. Cl.

A61C 1/00 (2006.01)

A61B 18/04 (2006.01)

A61C 19/06 (2006.01)

A61N 1/44 (2006.01)

(87) WO2024/118730

(31) 63/428,837 (32) 30.11.22 (33) US

(43) 06.06.2024

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CIA GODOY SOCIAS, Bayardo Jose;
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(74) Spruson & Ferguson

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INC.

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(54) SYSTEM AND METHOD TO CALIB-
RATE MOBILE DEVICE CAMERA

(51) Int. Cl.

G06T 7/80 (2017.01)

G06T 7/00 (2017.01)

G06T 7/70 (2017.01)

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DAVIS, Nidhin; PARSONS, Mark

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(11) AU-A-2023362874

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TEM

(51) Int. Cl.

F03B 13/18 (2006.01)

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(72) TØNNESSEN, Leif Arne

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RAIL SYSTEM

(51) Int. Cl.

E04F 15/14 (2006.01)

E01C 11/12 (2006.01)

(87) WO2024/079454

(31) 2214892.8 (32) 10.10.22 (33) GB

(43) 18.04.2024

(72) OSCROFT, Chris

(74) Blue Penguin IP Ltd

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TAINING A COMPOUND COMPRIS-
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A 4-OXOTHIAZOL GROUP AND AN-
OTHER PESTICIDE

(51) Int. Cl.

A01N 47/36 (2006.01)

A01P 5/00 (2006.01)

A01P 7/02 (2006.01)

A01P 7/04 (2006.01)

A01P 9/00 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

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(54) WIND-SAND FILTER STRUCTURE
FOR RAILWAY VEHICLE AND RAIL-
WAY VEHICLE

(51) Int. Cl.

B01D 46/12 (2022.01)

B61C 5/02 (2006.01)

B61C 17/00 (2006.01)

B61D 27/00 (2006.01)

F04B 39/16 (2006.01)

G01N 15/06 (2024.01)

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(74) Davies Collison Cave Pty Ltd

(71) CUBE BIOTECH GMBH

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(54) METHOD FOR LYSING CELLS AND
TISSUE BY EMPLOYING A POLYMER
AND THE USE OF THE POLYMER
FOR THIS METHOD

(51) Int. Cl.

C12N 1/06 (2006.01)

(87) WO2024/099909

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KUBICEK, Jan; HANISCH, Philipp
Timo; GALLEGO-BELLON, Ana Belen;
BUSCH, Ramona Vivian

(74) Spruson & Ferguson

(71) CURADEV PHARMA LTD

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HIBITORS OF HEMATOPOIETIC PRO-
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(51) Int. Cl.

C07D 498/04 (2006.01)

A61K 31/513 (2006.01)

A61P 35/00 (2006.01)

C07D 519/00 (2006.01)

(87) WO2024/105363

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Sourav; BANERJEE, Monali; MIDDYA,
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(74) HENRY HUGHES IP LTD

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(54) COMPOSITIONS AND PROCESSES
FOR REMOVING HEAVY METALS
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(51) Int. Cl.

C01B 25/238 (2006.01)

C02F 1/68 (2023.01)

C22B 3/38 (2006.01)

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(43) 23.05.2024
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B65G 1/04 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(21) 2023467684 **(22)** 31.10.2023
(54) METHOD FOR PREPARING AROMATIC HYDROCARBON BY COUPLING CONVERSION OF CO₂ AND POLYOLEFIN
(51) Int. Cl.
C10G 1/10 (2006.01)
B01J 29/14 (2006.01)
B01J 29/48 (2006.01)
B01J 29/74 (2006.01)
C07C 15/00 (2006.01)
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(72) PAN, Xiulian; DING, Yi; ZHANG, Shuchi; BAO, Xinhe
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(54) B7H3/PDL1 BISPECIFIC ANTIBODY, AND PHARMACEUTICAL COMPOSITION COMPRISING SAME AND USE THEREOF
(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
C12N 15/85 (2006.01)
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(72) CHEN, Yili; WANG, Chunhe; LI, Huanhuan; LIU, Guojian; TAN, Jie; TANG, Lei
(74) Baxter Patent Attorneys Pty Ltd
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(11) AU-A-2023374041
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(54) DRILLHOLE NUCLEAR REACTOR
(51) Int. Cl.
G21C 1/32 (2006.01)
E21B 41/00 (2006.01)
E21B 43/12 (2006.01)
G21C 3/60 (2006.01)
G21C 15/06 (2006.01)
G21C 15/243 (2006.01)
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(43) 10.05.2024
(72) MULLER, Richard A.; MULLER, Elizabeth
(74) RnB IP Pty Ltd
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- (71)** DELFINA CARE INC.
(11) AU-A-2023377278
(21) 2023377278 **(22)** 13.11.2023
(54) PREDICTION MODELS FOR EARLY IDENTIFICATION OF PREGNANCY DISORDERS
(51) Int. Cl.
G16H 50/30 (2018.01)
G06N 20/00 (2019.01)
G16H 50/70 (2018.01)
G16H 10/60 (2018.01)
G16H 20/00 (2018.01)
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- (71)** DEMATIC GMBH
(11) AU-A-2023385256
(21) 2023385256 **(22)** 23.11.2023
(54) METHOD AND APPARATUS FOR AUTOMATICALLY UNLOADING PACKAGES FOR AUTOMATIC ORDER PICKING
(51) Int. Cl.
B65G 47/68 (2006.01)
B65G 47/82 (2006.01)
B65G 65/00 (2006.01)
B65G 1/137 (2006.01)
(87) WO2024/110576
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(74) Griffith Hack
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- (71)** DENALI THERAPEUTICS INC.
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(54) PROCESSES AND INTERMEDIATES FOR THE PREPARATION OF A PYRIMIDINE AMINOPYRAZOLE COMPOUND
(51) Int. Cl.
C07D 403/06 (2006.01)
A61P 25/16 (2006.01)
C07D 403/14 (2006.01)
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(72) BRAK, Katrien; JOHNSON, Trevor, C.; REMARCHUK, Travis; SUDHAKAR, Anantha; DEIGNAN, Jeffrey
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) SAFETY DEVICE FOR CEILING FORMWORK
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E04G 11/38 (2006.01)
E04G 21/32 (2006.01)
(87) WO2024/083893
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(54) NEW METHOD FOR SUSTAINABLE MANURE MANAGEMENT
(51) Int. Cl.
C05F 3/00 (2006.01)
A01C 3/00 (2006.01)
C07D 213/82 (2006.01)
C07D 307/72 (2006.01)
C07D 493/04 (2006.01)
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(43) 20.06.2024
(72) DUVAL, Stephane; JENN, Pauline; MC-CORMACK, Ursula
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** DUKE UNIVERSITY
(11) AU-A-2023384972
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(54) COMPOSITIONS COMPRISING ANTI-BODY CLEAVING ENZYMES AND METHOD OF USING THE SAME
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A61K 38/48 (2006.01)
A61P 37/00 (2006.01)
C12N 15/52 (2006.01)
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(21) 2023365580 **(22)** 19.10.2023
(54) PUMP DEVICE FOR LIQUEFIED GAS
(51) Int. Cl.
H02K 1/22 (2006.01)
F04D 13/00 (2006.01)

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F04D 29/00 (2006.01)
H02K 7/14 (2006.01)
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(43) 25.04.2024
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TUEBINGEN MEDIZINISCHE FAK-
ULTAET
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(21) 2023376971 (22) 09.11.2023
(54) PEPTIDES AND COMBINATIONS OF
PEPTIDES FOR USE IN IMMUNO-
THERAPY AGAINST ACUTE MYEL-
OID LEUKEMIA (AML) AND OTHER
HEMATOLOGICAL NEOPLASMS
(51) Int. Cl.
A61K 35/00 (2006.01)
A61K 35/02 (2015.01)
A61K 38/04 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
(87) WO2024/100188
(31) 22206337.2 (32) 09.11.22 (33) EP
(43) 16.05.2024
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MENSEE, Hans-Georg; SCHUSTER,
Heiko
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TION (ISRAEL) LTD.
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(21) 2023389564 (22) 06.12.2023
(54) ANNULOPLASTY IMPLANTS AND
SYSTEMS FOR USE THEREWITH
(51) Int. Cl.
A61B 17/04 (2006.01)
A61F 2/24 (2006.01)
D06M 17/00 (2006.01)
(87) WO2024/121770
(31) 63/386,597 (32) 08.12.22 (33) US
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63/598,509 13.11.23 US
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Yogee; ROMITO, Eva Adriana de la
Cruz; SHAOLIAN, Eyal; GHAZVINI,
Alidod F.; MURPHY, Brian Patrick;
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DASS, Ajay Kumar; SUSSMAN, Mat-
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Michael; BRAUON, Haim; MORRISON,
Jacob Timothy; BALDO, Danny Barri-
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- (71) E INK CORPORATION
(11) AU-A-2023415499
(21) 2023415499 (22) 27.12.2023
(54) A VARIABLE LIGHT TRANSMIS-
SION DEVICE COMPRISING ELEC-
TROPHORETIC MEDIUM HAVING A
COMINATION OF LIGHT REFLECT-
IVE AND LIGHT ABSORBING PIG-
MENT PARTICLES
(51) Int. Cl.
G02F 1/167 (2019.01)
G02F 1/1681 (2019.01)
(87) WO2024/145345
(31) 63/436,124 (32) 30.12.22 (33) US
18/397,318 27.12.23 US
(43) 04.07.2024
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TELFER, Stephen J.
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(11) AU-A-2023419622
(21) 2023419622 (22) 27.12.2023
(54) A VARIABLE LIGHT TRANSMISSION
DEVICE AND A METHOD OF MANU-
FACTURE OF THE SAME
(51) Int. Cl.
G02F 1/167 (2019.01)
G02F 1/1681 (2019.01)
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TELFER, Stephen J.
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G02F 1/167 (2019.01)
G02F 1/1681 (2019.01)
G02F 1/1685 (2019.01)
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A45D 33/20 (2006.01)
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B60L 53/16 (2019.01)
B62D 53/04 (2006.01)
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A61K 31/44 (2006.01)
A61P 25/28 (2006.01)
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(54) METHOD OF SYNTHESIZING 4'-
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PHOSPHORAMIDITE
(51) Int. Cl.
C07H 1/00 (2006.01)
C07H 19/10 (2006.01)
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TARGETING LIGAND-CONJUGATED
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C12N 5/077 (2010.01)
A61K 35/34 (2015.01)
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C12N 5/10 (2006.01)
C12N 5/00 (2006.01)
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B02C 17/22 (2006.01)
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C12M 1/00 (2006.01)
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C12N 5/071 (2010.01)
G01N 15/00 (2024.01)
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B01D 9/00 (2006.01)
B01J 27/25 (2006.01)
C01G 49/00 (2006.01)
C22B 3/00 (2006.01)
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A01H 5/12 (2018.01)
C07K 14/415 (2006.01)
C12N 9/22 (2006.01)
C12N 15/82 (2006.01)
C12Q 1/68 (2018.01)
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A61K 31/4427 (2006.01)
A61P 31/12 (2006.01)
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B68C 1/12 (2006.01)
A01K 29/00 (2006.01)
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A01K 63/04 (2006.01)
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B01D 21/34 (2006.01)
C02F 3/28 (2023.01)
C02F 3/30 (2023.01)
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H04B 7/00 (2006.01)
H04W 76/00 (2018.01)
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G06N 3/02 (2006.01)
G06N 3/0464 (2023.01)
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G16H 30/40 (2018.01)
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G01S 15/00 (2020.01)
G01S 15/89 (2006.01)
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A61K 35/761 (2015.01)
C07K 14/075 (2006.01)
C12N 15/861 (2006.01)
C12N 15/66 (2006.01)
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FOODS
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A23J 3/00 (2006.01)
A23J 3/16 (2006.01)
A23L 13/00 (2016.01)
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TARGETING CD5 AND IMMUNE
CELLS EXPRESSING SAME
(51) Int. Cl.
C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61P 35/02 (2006.01)
C07K 14/54 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C12N 5/0783 (2010.01)
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A23L 7/126 (2016.01)
A23L 7/17 (2016.01)
A23L 11/00 (2021.01)
A23L 19/00 (2016.01)
A23L 19/10 (2016.01)
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(54) ANTIGEN BINDING MOLECULES
TARGETING SARS-COV-2
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A61P 31/14 (2006.01)
C07K 16/10 (2006.01)
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MARDEN, Grace Calla; ROOT, Adam
Reid
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(54) PRODUCT FORMULATION IN BIOLO-
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C12M 1/34 (2006.01)
B01F 35/21 (2022.01)
B01F 35/22 (2022.01)
B01F 35/82 (2022.01)
G01N 21/3577 (2014.01)
G05D 11/13 (2006.01)
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B31B 50/58 (2017.01)
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G01V 3/30 (2006.01)
E21B 33/14 (2006.01)
E21B 41/00 (2006.01)
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G06N 20/00 (2019.01)
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E21B 43/08 (2006.01)
E21B 17/02 (2006.01)
E21B 41/00 (2006.01)
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G01V 8/00 (2006.01)
E21B 47/12 (2012.01)
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C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61K 47/54 (2017.01)
A61P 3/06 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
C07H 15/04 (2006.01)
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A61J 7/00 (2006.01)
A61B 5/117 (2016.01)
A61B 5/1172 (2016.01)
A61J 1/03 (2023.01)
A61J 1/14 (2023.01)
A61J 7/04 (2006.01)
B65D 83/08 (2006.01)
B65H 75/18 (2006.01)
G16H 10/60 (2018.01)
G16H 20/13 (2018.01)
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G06T 17/05 (2011.01)
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G06N 3/08 (2023.01)
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H04W 48/08 (2009.01)
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A61K 31/155 (2006.01)
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C10G 1/00 (2006.01)
C10G 1/10 (2006.01)
C10G 9/36 (2006.01)
C10G 31/08 (2006.01)
C10G 31/09 (2006.01)
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C07K 19/00 (2006.01)
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C12N 15/10 (2006.01)
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A61M 25/14 (2006.01)
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E03C 1/26 (2006.01)
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A61M 5/142 (2006.01)
F04B 23/02 (2006.01)
F04B 49/06 (2006.01)
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C12N 15/113 (2010.01)
C12N 5/071 (2010.01)
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F01B 1/06 (2006.01)
F01B 23/10 (2006.01)
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F03D 9/17 (2016.01)
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A23C 19/032 (2006.01)
A23C 9/123 (2006.01)
C12N 1/20 (2006.01)
C12N 15/01 (2006.01)
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B66B 25/00 (2006.01)
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(51) Int. Cl.
A61B 17/80 (2006.01)
A61F 2/28 (2006.01)
A61B 17/86 (2006.01)
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(54) CELL PERMEANT PARTICLES
(51) Int. Cl.
A61K 49/00 (2006.01)
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G01N 33/50 (2006.01)
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A61K 39/12 (2006.01)
A61P 31/20 (2006.01)
C07K 14/02 (2006.01)
C07K 14/025 (2006.01)
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B62B 7/14 (2006.01)
B62B 7/08 (2006.01)
B62B 9/12 (2006.01)
B62B 9/18 (2006.01)
F16F 9/54 (2006.01)
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A61P 35/00 (2006.01)
A61K 31/716 (2006.01)
B01D 17/02 (2006.01)
A61K 9/51 (2006.01)
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(54) ENERGY STORAGE SYSTEM FOR VEHICLE AND MOUNTING SYSTEM FOR SAME
(51) Int. Cl.
B60K 1/04 (2019.01)
B60L 50/60 (2019.01)
B60L 53/80 (2019.01)
(87) WO2024/103011
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(51) Int. Cl.
B60L 53/80 (2019.01)
B60K 1/04 (2019.01)
B60L 50/64 (2019.01)
H01M 50/249 (2021.01)
(87) WO2024/103026
(31) 63/424,727 (32) 11.11.22 (33) US
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(43) 16.05.2024
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(74) Griffith Hack
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(11) AU-A-2023360381
(21) 2023360381 (22) 12.10.2023
(54) GYRATORY CRUSHER, AND CONTROL DEVICE AND CONTROL METHOD FOR SAME
(51) Int. Cl.
B02C 25/00 (2006.01)
B02C 2/04 (2006.01)
B02C 23/00 (2006.01)
(87) WO2024/080324
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(21) 2023400523 (22) 28.11.2023
(54) METHOD FOR PROCESS STATE CLASSIFICATION OF A BIOGAS DIGESTER BASED ON PROCESS VARIABLES OF A BIOGAS PLANT
(51) Int. Cl.
C12M 1/107 (2006.01)
C12M 1/34 (2006.01)
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A61P 37/00 (2006.01)
C07K 14/47 (2006.01)
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C12N 15/62 (2006.01)
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H01M 8/00 (2016.01)
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H01M 8/00 (2016.01)
H01M 8/04 (2016.01)
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B60K 1/04 (2019.01)
B60L 50/75 (2019.01)
B60P 1/04 (2006.01)
B62D 53/00 (2006.01)
H01M 8/00 (2016.01)
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(54) PROCESS FOR PREPARING A COFFEE PRODUCT
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(54) COFFEE PRODUCT
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A23F 5/14 (2006.01)
A23F 5/38 (2006.01)
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(54) BATTERY MANAGEMENT DEVICE
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STÖHR, Thomas
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C08G 18/32 (2006.01)
B33Y 70/00 (2020.01)

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C08L 75/06 (2006.01)
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B65D 81/26 (2006.01)
B65D 1/34 (2006.01)
B65D 43/16 (2006.01)
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CHENAT, Sajith; SUKHIJA, Jaskaran
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TIONS OF IBUTAMOREN
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A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
A61K 31/40 (2006.01)
A61K 31/407 (2006.01)
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(54) HYDROCARBON PURIFICATION
(51) Int. Cl.
C07C 7/10 (2006.01)
B01D 11/04 (2006.01)
C10G 21/06 (2006.01)
C10G 21/14 (2006.01)
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(74) GLMR

(71) LYTICA THERAPEUTICS, INC.
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FOR PROTEIN INTERNALIZATION
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A61K 47/64 (2017.01)

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(74) RnB IP Pty Ltd

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(54) ANTIBODIES AGAINST APOPTOSIS-ASSOCIATED SPECK-LIKE PROTEIN CONTAINING A CARD (ASC) AND USES THEREOF
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C07K 16/18 (2006.01)
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HERMIDA, Hans Mathias; PHILLIPS,
Douglas
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C07K 14/705 (2006.01)
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C12N 5/10 (2006.01)
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Olivia
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TREATING CANCER WITH CHIMERIC
ANTIGEN RECEPTORS TARGETING
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A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
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A45D 33/00 (2006.01)
A45D 33/28 (2006.01)
A45D 40/18 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 9/24 (2006.01)
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A61K 31/407 (2006.01)
A61P 1/16 (2006.01)
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A61P 31/12 (2006.01)
C07D 401/12 (2006.01)
C07D 403/12 (2006.01)
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A61P 25/16 (2006.01)
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C07D 211/86 (2006.01)
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B09C 1/08 (2006.01)
C02F 1/58 (2023.01)
C09K 3/00 (2006.01)
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C12Q 1/68 (2018.01)
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B02C 17/00 (2006.01)
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C11D 3/386 (2006.01)
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C11D 3/386 (2006.01)
C12N 5/00 (2006.01)
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C12N 15/75 (2006.01)
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G05B 19/418 (2006.01)
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B25J 5/02 (2006.01)
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C07K 16/00 (2006.01)
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C12Q 1/6806 (2018.01)
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H01R 9/05 (2006.01)
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A61K 31/4545 (2006.01)
A61P 21/00 (2006.01)
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E04H 9/02 (2006.01)
E04B 2/76 (2006.01)
E04B 2/82 (2006.01)
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A61K 38/42 (2006.01)
A61K 41/10 (2020.01)
A61K 47/60 (2017.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
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C07K 1/34 (2006.01)
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A61B 17/17 (2006.01)
A61B 17/90 (2006.01)
A61B 90/00 (2016.01)

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A61F 2/46 (2006.01)
A61B 17/17 (2006.01)

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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
C12N 15/90 (2006.01)
G01N 33/50 (2006.01)

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A61P 27/02 (2006.01)

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H04N 19/52 (2014.01)
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(71) QUALCOMM INCORPORATED

(11) AU-A-2023422129
(21) 2023422129 (22) 28.11.2023
(54) BROADCAST AND/OR GROUPCAST SECURITY FOR DEVICE-TO-DEVICE POSITIONING

(51) Int. Cl.
H04W 12/041 (2021.01)
H04L 9/08 (2006.01)
H04L 9/32 (2006.01)
H04L 9/40 (2022.01)

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(31) 63/478,647 (32) 05.01.23 (33) US
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(72) KIM, Hongil; LEE, Soo Bum
(74) Madderns Pty Ltd

(71) QUARTER, INC.

(11) AU-A-2023376938
(21) 2023376938 (22) 08.11.2023
(54) METHODS AND SYSTEMS FOR TRANSMITTING INFORMATION

(51) Int. Cl.
G06Q 30/00 (2023.01)
G06F 16/182 (2019.01)
G06Q 10/00 (2023.01)
G06Q 30/06 (2023.01)
G06Q 40/02 (2023.01)
G06Q 20/38 (2012.01)
G06Q 30/02 (2023.01)
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H04L 67/1074 (2022.01)
H04L 67/60 (2022.01)
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(43) 16.05.2024
(72) DIESCH, Michael, Wayne; DIESCH, Christopher, Griffin
(74) Spruson & Ferguson
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- (71) QUOIN PHARMACEUTICALS, INC.
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(21) 2024212280 (22) 25.01.2024
(54) COMBINATION TREATMENT FOR NETHERTON SYNDROME
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/136 (2006.01)
A61K 31/401 (2006.01)
A61P 17/00 (2006.01)
C12Q 1/6883 (2018.01)
- (87) WO2024/159008
(31) 63/481,535 (32) 25.01.23 (33) US
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(72) MYERS, Michael; CARTER, Denise
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- (71) RAISE D'RIGHT DRILLING SOLUTIONS LTD.
(11) AU-A-2023386396
(21) 2023386396 (22) 20.11.2023
(54) PRESSURIZED FLUID FLOW SYSTEM FOR PERCUSSIVE MECHANISMS
(51) Int. Cl.
E21B 1/24 (2006.01)
E21B 4/14 (2006.01)
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(72) AROS, Jaime Andres
(74) Armour IP
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(21) 2023366037 (22) 16.10.2023
(54) PROTECTIVE SUIT
(51) Int. Cl.
B64G 6/00 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61B 5/16 (2006.01)
A61M 16/00 (2006.01)
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B64D 10/00 (2006.01)
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(51) Int. Cl.
A01N 53/00 (2006.01)
A01N 25/10 (2006.01)
A01N 25/34 (2006.01)
A01N 31/02 (2006.01)
A01P 7/04 (2006.01)
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(11) AU-A-2023356723
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F16K 15/14 (2006.01)
F16K 15/03 (2006.01)
F16K 15/16 (2006.01)
F16K 17/02 (2006.01)
F16K 17/164 (2006.01)
E03F 7/04 (2006.01)
F16K 7/17 (2006.01)
F16K 31/12 (2006.01)
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(74) WRAYS PTY LTD
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(21) 2023406047 (22) 28.11.2023
(54) MODIFIED MADARIAGA VIRUSES, SELF-REPLICATING RNA CONSTRUCTS, AND USES THEREOF
(51) Int. Cl.
C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C12N 15/85 (2006.01)
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(72) WANG, Nathaniel Stephen; MIYAKE-STONER, Shigeki Joseph
(74) RnB IP
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(11) AU-A-2023360998
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(54) ADENO-ASSOCIATED VIRUS DELIVERY TO TREAT SPINAL MUSCULAR ATROPHY WITH RESPIRATORY DISTRESS TYPE 1 (SMARD1) AND CHARCOT-MARIE-TOOTH TYPE 2S (CMT2S)
(51) Int. Cl.
C12N 15/00 (2006.01)
C12N 15/86 (2006.01)
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(31) 63/379,048 (32) 11.10.22 (33) US
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(72) MEYER, Kathrin, Christine; LIKHITE, Shibi
(74) WRAYS PTY LTD
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(11) AU-A-2023382152
(21) 2023382152 (22) 14.11.2023
(54) ULTRASOUND IMAGE-GUIDED FOCUSED ULTRASOUND SYSTEMS AND RELATED METHODS
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A61N 7/00 (2006.01)
A61B 34/20 (2016.01)
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- (71) REVOLUTION MEDICINES, INC.
(11) AU-A-2023377064
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(54) COMPOUNDS, COMPLEXES, AND METHODS FOR THEIR PREPARATION AND OF THEIR USE
(51) Int. Cl.
C07D 203/08 (2006.01)
C07D 203/24 (2006.01)
C07D 405/04 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY
(11) AU-A-2023371447
(21) 2023371447 (22) 11.01.2023
(54) METHOD OF DIFFERENTIATING STEM CELLS
(51) Int. Cl.
C12M 1/42 (2006.01)
A61K 35/28 (2015.01)
A61K 35/32 (2015.01)
A61K 35/51 (2015.01)
A61P 19/08 (2006.01)
A61P 19/10 (2006.01)
C12N 5/077 (2010.01)
C12N 13/00 (2006.01)
- (87) WO2024/092300
(31) 2022903305 (32) 04.11.22 (33) AU
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(72) YEO, Leslie; AMBATTU, Lizebona August
(74) FB Rice Pty Ltd

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(71) SAMYANG HOLDINGS CORPORATION (11) AU-A-2023382586 (21) 2023382586 (22) 13.09.2023 (54) CATIONIC LIPIDS AND METHOD FOR PREPARING SAME (51) Int. Cl. C07C 219/18 (2006.01) C07C 213/02 (2006.01) C07C 213/08 (2006.01) (87) WO2024/106715 (31) 10-2022-0153897 (32) 16.11.22 (33) KR (43) 23.05.2024 (72) PARK, Jong Min; LEE, So Jin; SEONG, Shi Hwa; KYUNG, Kyu Jin; KIM, Sol; NAM, Joung Pyo; YOON, Yoo Jeong (74) Spruson & Ferguson	(71) SCHLUMBERGER TECHNOLOGY B.V. (11) AU-A-2023376519 (21) 2023376519 (22) 25.10.2023 (54) CARBON DIOXIDE MULTIPHASE FLOW MEASUREMENT BASED ON DIELECTRIC PERMITTIVITY (51) Int. Cl. G01F 1/86 (2006.01) G01F 1/56 (2006.01) (87) WO2024/102251 (31) 63/382,753 (32) 08.11.22 (33) US 18/063,158 08.12.22 US (43) 16.05.2024 (72) XIE, Cheng-Gang (74) Griffith Hack	(71) SHENZHEN SHENXIN BIOTECHNOLOGY CO., LTD. (11) AU-A-2023359279 (21) 2023359279 (22) 13.10.2023 (54) AMINO LIPID COMPOUND AND LIPID NANOPARTICLE FOR DELIVERING BIOACTIVE INGREDIENT (51) Int. Cl. C07C 219/16 (2006.01) A61K 9/127 (2006.01) A61K 31/40 (2006.01) C07D 207/06 (2006.01) C07D 211/10 (2006.01) C12N 15/12 (2006.01) (87) WO2024/078614 (31) PCT/ CN2022/125103 (32) 13.10.22 (33) CN PCT/ 06.12.22 CN CN2022/136902 17.03.23 CN PCT/ CN2023/082176 01.09.23 CN PCT/ CN2023/116507 (43) 18.04.2024 (72) LI, Linxian; CHEN, Yonghao; HUANG, Xing (74) FB Rice Pty Ltd
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(71) SHENZHEN ZHONGGE BIOLOGICAL TECHNOLOGY CO., LTD. (11) AU-A-2023384649 (21) 2023384649 (22) 21.11.2023 (54) COMPOUND, PHARMACEUTICAL COMPOSITION CONTAINING SAME, SYNTHESIS METHOD THEREFOR AND USE THEREOF (51) Int. Cl. C07D 233/32 (2006.01) A61K 31/4192 (2006.01) A61P 3/00 (2006.01) A61P 19/00 (2006.01) A61P 25/00 (2006.01) C07D 233/64 (2006.01) C07D 249/06 (2006.01) C07D 401/04 (2006.01) C07D 413/04 (2006.01) (87) WO2024/109736 (31) 202211455519.X (32) 21.11.22 (33) CN 202310731972.7 19.06.23 CN (43) 30.05.2024 (72) CAO, Bin; ZHAO, Liyu; TIAN, Ye; DOU, Guosheng; LU, Sizhu; YANG, Jun; XIE, Dewei; CHEN, Zhaoqiang; ZHANG, Qihua; WANG, Shaohui; CHEN, Bin; ZHANG, Peiyu (74) RnB IP Pty Ltd	(71) SHOUANG JINGTANG IRON & STEEL CO., LTD.; SHOUANG GROUP CO., LTD. (11) AU-A-2022486658 (21) 2022486658 (22) 28.12.2022 (54) HIGH-STRENGTH STEEL, ZINC-ALUMINUM-MAGNESIUM COATED STEEL, AUTOMOBILE PART AND PREPARATION METHOD (51) Int. Cl. C21D 8/02 (2006.01) B21B 1/02 (2006.01) C22C 33/04 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C23C 2/06 (2006.01) C23C 2/40 (2006.01) (87) WO2024/103499 (31) 202211442850.8 (32) 17.11.22 (33) CN (43) 23.05.2024 (72) ZHOU, Jian; TENG, Huaxiang; ZOU, Ying; ZHU, Guosen; LIU, Huasai; HAN, Yun; XU, Haiwei; ZHOU, Huan; JIANG, Guangrui; ZHOU, Jiming; LIU, Wuhua; ZHANG, Yongqiang; ZHENG, Yankun; WANG, Baoyong; WANG, Chaobin; GUO, Zifeng; WANG, Songtao; QIU, Musheng; YANG, Feng (74) SOLIS IP PTY LTD	(71) SLINGSHOT AEROSPACE, INC. (11) AU-A-2023375504 (21) 2023375504 (22) 08.11.2023 (54) METHODS AND SYSTEMS FOR SPACE TRAFFIC COORDINATION AND DATA SHARING FOR COLLISION AVOIDANCE (51) Int. Cl. B64G 3/00 (2006.01) B64G 1/10 (2006.01) B64G 1/24 (2006.01) B64G 1/56 (2006.01) (87) WO2024/102863 (31) 63/382,941 (32) 09.11.22 (33) US 18/486,891 13.10.23 US (43) 16.05.2024 (72) STRICKLAN, Melanie Dawn; HIGH-FILL, Holly Marie; MARCHAND, Belinda Grace; RAGHUNATH, Kishen; O'NEAL, Corey Christopher (74) RnB IP Pty Ltd
(71) SHIN-ETSU CHEMICAL CO., LTD. (11) AU-A-2023407522 (21) 2023407522 (22) 21.12.2023 (54) A LOW-RESIDUE HIGH TEMPERATURE-RESISTANT DRY ADHESIVE AND METHODS OF USE (51) Int. Cl. B32B 5/02 (2006.01) C09J 5/00 (2006.01) H01L 21/50 (2006.01) (87) WO2024/138015 (31) 63/434,377 (32) 21.12.22 (33) US (43) 27.06.2024 (72) AKSAK, Burak; GEIKOWSKY, Elliot (74) Halfords IP	(71) SIEMENS ENERGY GLOBAL GMBH & CO. KG (11) AU-A-2023405114 (21) 2023405114 (22) 25.10.2023 (54) ELECTROLYSIS SYSTEM AND METHOD FOR OPERATING AN ELECTROLYSIS SYSTEM OF THIS TYPE (51) Int. Cl. C25B 1/04 (2021.01) C25B 9/05 (2021.01) C25B 9/77 (2021.01) C25B 15/023 (2021.01) (87) WO2024/115019 (31) 10 2022 212 771.4 (32) 29.11.22 (33) DE (43) 06.06.2024 (72) RELLER, Christian; WOLF, Erik (74) Spruson & Ferguson	(71) SLOAN, H.; LI, E. (11) AU-A-2023358093 (21) 2023358093 (22) 06.10.2023 (54) MENTHOL- AND MAGNESIUM-INFUSED KINESIOLOGY TAPE (51) Int. Cl. A61M 35/00 (2006.01) A61F 5/40 (2006.01) A61K 9/00 (2006.01) A61K 9/70 (2006.01) A61K 31/045 (2006.01) A61K 33/06 (2006.01) A61P 29/00 (2006.01) C07C 35/12 (2006.01) (87) WO2024/075082 (31) 17/938,364 (32) 06.10.22 (33) US (43) 11.04.2024 (72) SLOAN, Heather; LI, Enwei (74) Spruson & Ferguson
(71) SHINGLEBACK OFF ROAD PTY LTD (11) AU-A-2023356538 (21) 2023356538 (22) 03.10.2023 (54) VEHICLE MOUNTED TRANSPORTATION RACK (51) Int. Cl. B60R 9/10 (2006.01)	(71) SIZEWISE RENTALS, L.L.C. (11) AU-A-2023371664 (21) 2023371664 (22) 06.11.2023 (54) MEDICAL BED FRAME WITH ADJUSTABLE WIDTH AND LENGTH (51) Int. Cl. A61G 7/018 (2006.01) A61G 7/002 (2006.01) A61G 7/05 (2006.01) (87) WO2024/098052	(71) SMA SOLAR TECHNOLOGY AG (11) AU-A-2023401189 (21) 2023401189 (22) 01.12.2023 (54) INVERTER WITH INTERMEDIATE CIRCUIT CENTRE AND METHOD FOR MEASURING INSULATION RESISTANCE BY MEANS OF CONTROLLED ASYMMETRY (51) Int. Cl. H02M 1/32 (2007.01) G01R 31/42 (2006.01) G01R 31/52 (2020.01) H02M 7/487 (2007.01) H02M 7/5387 (2007.01) (87) WO2024/115745 (31) 10 2022 131 915.6 (32) 01.12.22 (33) DE

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(72) MÜLLER, Burkard
(74) FPA Patent Attorneys Pty Ltd

(71) SOLARCLEAN FUELS, LLC
(11) AU-A-2023364859
(21) 2023364859 (22) 16.10.2023
(54) VERTICAL BIOREACTOR TECHNOLOGIES METHODS, SYSTEMS, AND PROCESSES
(51) Int. Cl.
C12M 1/04 (2006.01)
C12M 3/06 (2006.01)
(87) WO2024/086119
(31) 63/416,562 (32) 16.10.22 (33) US
(43) 25.04.2024
(72) FALCO, Robert, E.
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) SOLEY THERAPEUTICS, INC.
(11) AU-A-2023383435
(21) 2023383435 (22) 17.11.2023
(54) PHTHALAZINONE BASED MODULATORS FOR THE TREATMENT OF DISEASE
(51) Int. Cl.
C07D 263/56 (2006.01)
A61K 31/495 (2006.01)
A61P 35/00 (2006.01)
C07D 263/58 (2006.01)
C07D 317/46 (2006.01)
C07D 401/14 (2006.01)
C07D 403/06 (2006.01)
C07D 471/04 (2006.01)
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C07D 498/04 (2006.01)
(87) WO2024/108131
(31) 63/426,670 (32) 18.11.22 (33) US
(43) 23.05.2024
(72) AHMAD, Nadia Mamoon; RENNIE, Christopher Charles; ESMIEU, William Rameshchandra Krishna; CHAMBERS, Mark; BLENCH, Toby Jonathan; CRAMP, Susan Mary; MULLINS, Toby Matthew Grover; PANCHAL, Terry Aaron; MCKENNA, Joseph Leo
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) STEGEMAN, T.T.
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(54) CLOSED-TOE SWIM FIN
(51) Int. Cl.
A63B 31/11 (2006.01)
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A61K 31/506 (2006.01)
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C12N 5/0783 (2010.01)
A61K 45/06 (2006.01)
C07K 14/47 (2006.01)
C07K 14/705 (2006.01)
C12N 15/86 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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H01M 8/18 (2006.01)
H01M 8/0438 (2016.01)
H01M 8/0444 (2016.01)
H01M 8/04537 (2016.01)
H01M 8/04746 (2016.01)
H01M 8/04858 (2016.01)
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D05B 1/10 (2006.01)
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C07D 213/80 (2006.01)
A01N 43/40 (2006.01)
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A01N 43/56 (2006.01)
A01N 43/58 (2006.01)
A01N 43/76 (2006.01)
A01P 13/00 (2006.01)
C07D 401/04 (2006.01)
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A61F 5/445 (2006.01)
A61B 5/00 (2006.01)
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G10L 15/24 (2013.01)
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G10L 15/04 (2013.01)
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H03M 7/30 (2006.01)
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B25J 11/00 (2006.01)
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B60P 3/00 (2006.01)
F24S 30/20 (2018.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12Q 1/68 (2018.01)
C12Q 1/6883 (2018.01)
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G01N 33/50 (2006.01)
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A61K 39/00 (2006.01)
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A61L 27/52 (2006.01)
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A61K 47/14 (2017.01)
A61K 47/34 (2017.01)
A61P 3/08 (2006.01)
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C07K 16/22 (2006.01)

A61K 39/00 (2006.01)

A61P 35/00 (2006.01)

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(51) Int. Cl.

C07C 235/42 (2006.01)

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(51) Int. Cl.

A61B 17/11 (2006.01)

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FACTURING METHOD FOR SILICON
WAFER, AND SOLAR CELL

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H10F 10/16 (2025.01)

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(54) COAXIAL ROTOR PAIR ASSEMBLY
WITH VARIABLE COLLECTIVE PITCH
ROTOR/PROPELLER FOR FLIGHT
VEHICLE OR DRONE

(51) Int. Cl.

B64U 10/14 (2023.01)

B64C 39/02 (2023.01)

B64U 30/24 (2023.01)

B64U 30/29 (2023.01)

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(54) COLLECTIVE-PITCH ADJUSTMENT
MECHANISM FOR VARIABLE-PITCH
PROPELLER OR ROTOR UTILIZED IN
A FLIGHT VEHICLE OR DRONE AND
METHOD FOR SHAPING NOISE PRO-
FILE

(51) Int. Cl.

B64U 40/10 (2023.01)

B64C 39/02 (2023.01)

B64U 10/14 (2023.01)

B64U 30/24 (2023.01)

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(51) Int. Cl.

A61K 9/22 (2006.01)

A61K 9/24 (2006.01)

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A47L 13/22 (2006.01)

A47L 13/44 (2006.01)

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PROACHES TO USING THE SAME
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SURE-MITIGATION APPARATUSES

(51) Int. Cl.

A61F 5/32 (2006.01)

A61F 5/34 (2006.01)

A61G 7/057 (2006.01)

A47C 27/10 (2006.01)

A61M 1/00 (2006.01)

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(51) Int. Cl.

A61P 29/00 (2006.01)

C07K 16/28 (2006.01)

A61K 39/00 (2006.01)

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ER, Ruth; RYDEVIK, Gustaf Erik;
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Camilla Ingegerd Elisabeth; VUGLER,
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(51) Int. Cl.

A01K 23/00 (2006.01)

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(72) KOMATSUBARA Daisuke

(74) Allens Patent & Trade Mark Attorneys

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MADRID; PLANT RESPONSE, INC.

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(21) 2023363989 (22) 18.10.2023

(54) METHOD FOR REDUCING PLANT
STRESS, FUNGI, AND MYCOTOXINS

(51) Int. Cl.

A01N 63/30 (2020.01)

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(54) NUCLEIC ACID-LIPID PARTICLES
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 35/00 (2006.01)
A61K 38/00 (2006.01)
A61K 45/06 (2006.01)
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APPLICATOR AND METHOD
(51) Int. Cl.
A61M 37/00 (2006.01)
A61B 5/15 (2006.01)
A61B 50/30 (2016.01)
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C12N 5/071 (2010.01)
C12N 5/076 (2010.01)
G01N 33/50 (2006.01)
G01N 33/533 (2006.01)
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C02F 1/58 (2023.01)
C02F 1/02 (2023.01)
C02F 1/28 (2023.01)
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(51) Int. Cl.
B01J 35/27 (2024.01)
B01J 23/38 (2006.01)
B01J 23/48 (2006.01)
B01J 23/70 (2006.01)
B01J 31/06 (2006.01)
B01J 37/00 (2006.01)
B01J 37/04 (2006.01)
C25B 1/04 (2021.01)
C25B 11/073 (2021.01)
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(74) Patent Attorney Services
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(51) Int. Cl.
C08G 73/06 (2006.01)
C08J 5/22 (2006.01)
C25B 1/04 (2021.01)
C25B 13/08 (2006.01)
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THEIR GD(III) COMPLEXES FOR USE
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TRAST AGENTS
(51) Int. Cl.
A61K 49/00 (2006.01)
A61K 49/10 (2006.01)
A61K 51/04 (2006.01)
C07B 59/00 (2006.01)
C07D 401/06 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/5025 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
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BEVERAGE
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B65D 85/804 (2006.01)
A47J 31/40 (2006.01)
A47J 31/44 (2006.01)
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LOWNDES, Connor; METHVEN, Liam
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(54) SYSTEMS, METHODS, AND APPARATUS FOR PRODUCING NITRIC OXIDE
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B01J 7/00 (2006.01)
A61M 16/01 (2006.01)
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C01B 21/24 (2006.01)
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(54) SYSTEMS, METHODS, AND APPARATUS FOR PRODUCING NITRIC OXIDE
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A61M 16/12 (2006.01)
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A61M 16/08 (2006.01)
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(74) Madderns Pty Ltd
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(21) 2023382605 (22) 14.11.2023
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G01N 33/92 (2006.01)
A01K 29/00 (2006.01)
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C12N 5/00 (2006.01)
D04H 1/4326 (2012.01)
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D04H 1/74 (2006.01)
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F04B 53/10 (2006.01)
E21B 34/00 (2006.01)
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C07C 275/14 (2006.01)
A61K 9/127 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/7105 (2006.01)
A61K 47/18 (2017.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
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A01N 37/02 (2006.01)
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A01P 1/00 (2006.01)
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B09B 3/40 (2022.01)
B03B 5/28 (2006.01)
B07B 1/00 (2006.01)
B09C 1/06 (2006.01)
B09C 1/08 (2006.01)
C22B 7/00 (2006.01)
B09B 101/15 (2022.01)
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G01C 11/34 (2006.01)
G06Q 10/083 (2024.01)
G06T 7/579 (2017.01)
G06T 7/593 (2017.01)
G06T 13/00 (2011.01)
G06V 20/17 (2022.01)
G08G 5/00 (2006.01)
G06T 17/00 (2006.01)
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H04L 61/5046 (2022.01)
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H04W 8/26 (2009.01)
H04W 40/24 (2009.01)
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(51) Int. Cl.
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A47D 15/00 (2006.01)
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THEREOF
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B60N 2/28 (2006.01)
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FROM WASTE SOLAR PANEL
(51) Int. Cl.
B09B 3/30 (2022.01)
B26D 3/28 (2006.01)
B09B 101/15 (2022.01)
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F16B 5/06 (2006.01)
E01F 9/677 (2016.01)
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C07K 14/705 (2006.01)
A61K 35/17 (2015.01)
C12N 5/0783 (2010.01)
C12N 15/49 (2006.01)
C12N 15/85 (2006.01)
C07K 16/28 (2006.01)
C12N 15/86 (2006.01)
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INCREASING AREA OF GOB-SIDE
ENTRY RETAINING WITH THICK
AND HARD ROOF BY COMBINED
WALL OF BACKFILLING BODY AND
GANGUE
(51) Int. Cl.
E21F 15/06 (2006.01)
E21C 41/16 (2006.01)
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CHORING AN UNDERDRAIN
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B01D 35/00 (2006.01)
B01D 24/02 (2006.01)
B01D 35/02 (2006.01)
E01F 5/00 (2006.01)
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USES THEREOF
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C07K 14/605 (2006.01)
A61K 38/00 (2006.01)
A61P 3/00 (2006.01)
C12N 15/62 (2006.01)
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(54) AUTONOMOUS SWIMMING POOL
CLEANER
(51) Int. Cl.
E04H 4/16 (2006.01)
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(54) AUTOMATIC SWIMMING POOL
CLEANER WITH MORE THAN ONE
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(51) Int. Cl.
E04H 4/16 (2006.01)
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CORDLESS AUTOMATIC SWIMMING
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TEM FOR A CORDLESS AUTOMAT-
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CABLE EXTENSION FOR A CORD-
LESS SWIMMING POOL CLEANER
(51) Int. Cl.
E04H 4/16 (2006.01)
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(71) ZOETIS SERVICES LLC

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(21) 2023382491 (22) 13.11.2023

(54) BAIT VACCINES

(51) Int. Cl.

A61K 39/12 (2006.01)

A23K 50/30 (2016.01)

A61K 9/00 (2006.01)

A61K 39/00 (2006.01)

A61P 31/12 (2006.01)

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(43) 23.05.2024

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CIA, Jose de Jesus

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(11) AU-A-2023426070

(21) 2023426070 (22) 07.04.2023

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INFORMATION INDICATION IN POSI-
TIONING

(51) Int. Cl.

H04W 72/23 (2023.01)

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2022481989	DARTSBIO PHARMACEUTICALS LTD.; SHANGHAI MABSTONE BIOTECHNOLOGY LTD.	2023361467	INVICTOS LLC
2022484389	NOKIA TECHNOLOGIES OY	2023361499	LOUVER LITE LIMITED
2022484476	CHUANG, W.J.	2023361500	LOUVER LITE LIMITED
2022485048	LUMOS PHARMA, INC.	2023361502	CONCRETE FLOOR PRODUCTS LIMITED
2022485434	NOKIA TECHNOLOGIES OY	2023361507	ORCA COMPUTING LIMITED
2022485752	ATARFIL, S.L.	2023361530	THE UNIVERSITY OF NOTTINGHAM
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2022485995	CAREFUSION 303, INC.	2023361756	LEIUTIS PHARMACEUTICALS LLP
2022486658	SHOUGANG JINGTANG IRON & STEEL CO., LTD.; SHOUGANG GROUP CO., LTD.	2023361849	AMI HOLDINGS LIMITED
2022489922	NOVOZYMES A/S	2023361874	ASTRAZENECA AB
2022492074	MÖLNLYCKE HEALTH CARE AB	2023362003	DOKA GMBH
2023322302	CARDIOL THERAPEUTICS INC.	2023362040	TRIASTEK, INC.
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2023356199	BOART LONGYEAR MANUFACTURING AND DISTRIBUTION INC.	2023362528	OCADO INNOVATION LIMITED
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2023356538	SHINGLEBACK OFF ROAD PTY LTD	2023362874	CONCREST ENERGY AS
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2023356904	THOMAS JEFFERSON UNIVERSITY; RECOMBINATION THERAPEUTICS, LLC	2023364537	TURN CARE, INC.
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2023357506	SANOFI PASTEUR INC.	2023364859	SOLARCLEAN FUELS, LLC
2023357663	ASTEC CO., LTD.	2023364999	PDS BIOTECHNOLOGY CORPORATION
2023357714	STRIX LIMITED	2023365501	VERO BIOTECH INC.
2023357883	KENVUE BRANDS LLC; UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK	2023365502	VERO BIOTECH INC.
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2023358012	AMI HOLDINGS LIMITED	2023365769	ELLIS, J.K.
2023358063	CILAG GMBH INTERNATIONAL	2023365813	ONCORESPONSE, INC.
2023358088	SCUOLA SUPERIORE SANT'ANNA; CARBON DREAM S.P.A.	2023366001	CENTRAL AMERICA NICKEL INC.
2023358093	SLOAN, H.; LI, E.	2023366037	RAMBHATLA ENTERPRISES PTY LTD
2023358491	AMPA INC.	2023366077	EVERBLUE LABS LTD.; YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM
2023358516	XYLEM WATER SOLUTIONS ZELIENOPLE LLC	2023366086	PARAB, A.S.; BHATKANDE, B.R.
2023358521	PROLONG PHARMACEUTICALS LLC	2023366430	AREAS
2023358579	PROVIDENCE MEDICAL TECHNOLOGY, INC.	2023367371	INARI AGRICULTURE TECHNOLOGY, INC.
2023358774	NORTH CAROLINA STATE UNIVERSITY; THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2023367498	NIHON MEDI-PHYSICS CO., LTD.
2023359279	SHENZHEN SHENXIN BIOTECHNOLOGY CO., LTD.	2023370078	KYLONOVA (XIAMEN) BIOPHARMA CO., LTD.
2023359592	WIAB WATER INNOVATION AB	2023370534	HARK MEDICAL RESEARCH PTY LTD
2023360032	BROWN & WATSON INTERNATIONAL PTY LTD	2023371349	NEOWISE BIOTECHNOLOGY CO., LTD.
2023360034	K S PATERSON NOMINEES PTY LTD	2023371363	SHENZHEN YINWANG INTELLIGENT TECHNOLOGIES CO., LTD.
2023360043	VARDEN PROCESS PTY LTD	2023371447	ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY
2023360044	VARDEN PROCESS PTY LTD	2023371538	ELECTRANS TECHNOLOGIES LTD.
2023360045	BAYMATOB PTY LTD	2023371606	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2023360052	PRING, G.H.	2023371631	ORCA BIOSYSTEMS, INC.
2023360381	KABUSHIKI KAISHA EARTHTECHNICA	2023371642	CLOUDBLUE LLC
2023360615	MEDIMMUNE, LLC	2023371649	WUGEN, INC.
2023360709	PACIFIC NORTHWEST RESEARCH INSTITUTE	2023371655	QLARIS BIO, INC.; MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
2023360998	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	2023371664	SIZEWISE RENTALS, L.L.C.
2023361041	CHIESI FARMACEUTICI S.P.A.	2023371676	ONCONANO MEDICINE, INC.
2023361181	ISABELLA PHARMA B.V.	2023371678	ALX ONCOLOGY INC.
2023361306	SUNDANCE SPAS, INC.	2023371939	KINDEVA DRUG DELIVERY L.P.
2023361384	PRINCIPIA BIOPHARMA INC.	2023371943	PPC BROADBAND, INC.
2023361390	MERCK SHARP & DOHME LLC	2023371945	BIOSPLICE THERAPEUTICS, INC.
2023361396	PROVIDENCE MEDICAL TECHNOLOGY, INC.	2023372055	CAELUX CORPORATION
		2023372078	PEDESTRIAN SAFETY SOLUTIONS, LLC

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2023372338	ERASMUS UNIVERSITY MEDICAL CENTER ROT-TERDAM	2023377192	KYOTO UNIVERSITY
2023372350	CARBONCO LIMITED	2023377193	KYOTO UNIVERSITY
2023372401	WILLIAM MARSH RICE UNIVERSITY	2023377252	HOVER INC.
2023372498	ARTIENCE CO., LTD.; TOYOCOLOR CO., LTD.	2023377259	THE JOHNS HOPKINS UNIVERSITY; LIFESPROUT, INC.
2023372555	LUTROS, LLC	2023377278	DELFINA CARE INC.
2023372557	EOS ENERGY TECHNOLOGY HOLDINGS, LLC	2023377353	OSPEDALE SAN RAFFAELE S.R.L.; UNIVERSITÀ VITA-SALUTE SAN RAFFAELE
2023372574	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	2023377454	CATERPILLAR INC.
2023372777	TERABASE ENERGY, INC.	2023377455	CATERPILLAR INC.
2023372884	LG ELECTRONICS INC.	2023377461	CATERPILLAR INC.
2023372988	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	2023377463	CATERPILLAR INC.
2023373006	ADAGENE PTE. LTD.	2023377600	CATERPILLAR INC.
2023373023	NAKAMURAKISO CO., LTD.	2023377601	CATERPILLAR INC.
2023373194	MERCK SHARP & DOHME LLC	2023377605	CATERPILLAR INC.
2023373197	MERCK SHARP & DOHME LLC	2023377730	HUAWEI TECHNOLOGIES CO., LTD.
2023373335	OUBRE, D.	2023377793	UNIVERSITY OF SOUTHERN QUEENSLAND
2023373555	WONDERLAND SWITZERLAND AG	2023377800	ENVIROGOLD GLOBAL PTY LTD
2023373909	KIRA PHARMACEUTICALS (US) LLC	2023377804	TAN, J.J.; TAY, K.G.
2023373924	BEIJING SCITECH-MQ PHARMACEUTICALS LIMITED	2023377808	AQUIRIAN TECHNOLOGY PTY LTD
2023374041	DEEP FISSION, INC.	2023377818	CLARITY PHARMACEUTICALS LIMITED
2023374594	FRITSJURGENS HOLDING B.V.	2023377989	AMOVA GMBH
2023374748	GEA PROCESS ENGINEERING A/S	2023378169	LG ENERGY SOLUTION, LTD.
2023374833	ACON FINLAND OY LTD	2023378273	ARKEMA FRANCE
2023374834	ACON FINLAND OY LTD	2023378289	ENGENDER TECHNOLOGIES LIMITED
2023374838	WIREPAS OY	2023378290	ENGENDER TECHNOLOGIES LIMITED
2023374883	PHASE SCIENTIFIC INTERNATIONAL, LTD.	2023378378	FLINTSTONE TECHNOLOGY LIMITED
2023374887	PHASE SCIENTIFIC INTERNATIONAL, LTD.	2023378432	JANI INTERNATIONAL PTE. LTD.
2023374928	RECKITT & COLMAN (OVERSEAS) HYGIENE HOME LIMITED	2023378695	HITACHI RAIL STS S.P.A.
2023374976	MOLLI SURGICAL INC.	2023378741	OKTA, INC.
2023375179	ICOSAGEN CELL FACTORY OÜ	2023378777	CARBONCO LIMITED
2023375295	LUBRIZOL ADVANCED MATERIALS, INC.	2023378847	FNV IP B.V.
2023375313	CORTEVA AGRISCIENCE LLC	2023379016	ESTRON A/S
2023375326	AXSOME THERAPEUTICS	2023379173	WON KWANG S&T CO., LTD.
2023375349	AEON BIOPHARMA, INC.	2023379184	CLASSYS INC.
2023375422	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2023379469	PURDUE RESEARCH FOUNDATION
2023375435	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	2023379583	NKARTA, INC.
2023375461	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2023379636	COLGATE-PALMOLIVE COMPANY
2023375469	CODEXIS, INC.	2023379672	THE PENN STATE RESEARCH FOUNDATION
2023375504	SLINGSHOT AEROSPACE, INC.	2023379677	FORGE BIOLOGICS, INC.
2023375557	EVAN CLABOTS DESIGN LLC	2023379809	CELLRESEARCH CORPORATION PTE. LTD.
2023375580	BEAM THERAPEUTICS INC.	2023379983	BASF AGROCHEMICAL PRODUCTS B.V.
2023375619	JOY GLOBAL UNDERGROUND MINING LLC	2023380028	CURADEV PHARMA LTD
2023375634	JOY GLOBAL UNDERGROUND MINING LLC	2023380030	BAE SYSTEMS PLC
2023375644	INARI MEDICAL, INC.	2023380077	TOOFON, INC.
2023375826	SAMYANG HOLDINGS CORPORATION	2023380079	TOOFON, INC.
2023375829	LG ELECTRONICS INC.	2023380115	STEGEMAN, T.T.
2023375893	ELC MANAGEMENT LLC	2023380152	ALENTIS THERAPEUTICS AG
2023375894	GENERATE BIOMEDICINES, INC.	2023380237	WING AVIATION LLC
2023375902	mitsubishi heavy industries thermal systems, LTD.	2023380290	OSSIO LTD.
2023376007	CUBE BIOTECH GMBH	2023380337	MOTOROLA SOLUTIONS, INC.
2023376018	INVENTIO AG	2023380534	MYROBALAN THERAPEUTICS, INC.
2023376087	LG ENERGY SOLUTION, LTD.	2023380535	NANJING CHERVON INDUSTRY CO., LTD.
2023376187	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2023380713	LIN, X.
2023376408	BAUSCH + LOMB IRELAND LIMITED	2023380799	FNV IP B.V.
2023376519	SCHLUMBERGER TECHNOLOGY B.V.	2023381052	BASF SE; THE UNIVERSITY OF NOTTINGHAM
2023376692	OXOLIFE, S.L.	2023381347	TONGWEI SOLAR (CHENGDU) CO., LTD.
2023376938	QUARTER, INC.	2023381360	YUHAN CORPORATION
2023376963	WONDERLAND SWITZERLAND AG	2023381536	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO
2023376971	EBERHARD KARLS UNIVERSITÄT TUEBINGEN	2023381612	CYTEC INDUSTRIES INC.
2023376973	MEDIZINISCHE FAKULTÄT	2023381809	ELI LILLY AND COMPANY
2023376974	EQUIMETRICS LIMITED	2023381812	INSINKERATOR LLC
2023377064	REVOLUTION MEDICINES, INC.	2023382080	ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY
2023377080	W. L. GORE & ASSOCIATES, INC.	2023382101	2543500 ALBERTA LTD., D.B.A. SHAW PIPE PROTECTION
		2023382152	RESONANT ACOUSTICS INTERNATIONAL INC.
		2023382491	ZOETIS SERVICES LLC
		2023382586	SAMYANG HOLDINGS CORPORATION
		2023382605	VYTELLE LLC
		2023382616	CHORUSVIEW, INC.

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2023382772	KOMATSU LTD.	2023401000	PETMEDIX LTD.
2023382773	UNICHARM CORPORATION	2023401113	MABYLON AG
2023382774	KOMATSU LTD.	2023401189	SMA SOLAR TECHNOLOGY AG
2023382803	SAMYANG HOLDINGS CORPORATION	2023401267	MIZUHO ORTHOPEDIC SYSTEMS, INC.
2023383006	SCHRÖDINGER, INC.	2023403352	COLGATE-PALMOLIVE COMPANY; NOVA PLASMA LTD.
2023383187	COMMUNICATIONS TEST DESIGN, INC.	2023403407	EMORY UNIVERSITY; INDUSTRY-ACADEMIC CO- OPERATION FOUNDATION, YONSEI UNIVERSITY
2023383359	COLGATE-PALMOLIVE COMPANY	2023404644	NEWSOUTH INNOVATIONS PTY LIMITED
2023383361	COLGATE-PALMOLIVE COMPANY	2023404649	AUSTRALIAN NATIONAL UNIVERSITY
2023383374	NEURON23, INC.	2023405114	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2023383435	SOLEY THERAPEUTICS, INC.	2023406047	REPLICATE BIOSCIENCE, INC.
2023383999	COLGATE-PALMOLIVE COMPANY	2023406232	ARENA PHARMACEUTICALS, INC.
2023384003	ELI LILLY AND COMPANY	2023406313	BEYER, R.S.
2023384015	ELI LILLY AND COMPANY	2023406317	LYTICA THERAPEUTICS, INC.
2023384017	OMEGA OPHTHALMICS LLC	2023406528	SYNGENTA CROP PROTECTION AG
2023384333	ENZA ZADEN BEHEER B.V.	2023407314	NETFLIX, INC.
2023384334	ENZA ZADEN BEHEER B.V.	2023407420	KONICA MINOLTA, INC.
2023384603	DAIFUKU CO., LTD.	2023407522	SHIN-ETSU CHEMICAL CO., LTD.
2023384649	SHENZHEN ZHONGGE BIOLOGICAL TECHNOLOGY CO., LTD.	2023408190	F. HOFFMANN-LA ROCHE AG
2023384972	DUKE UNIVERSITY	2023408544	AUSTHEIM HOLDING AS
2023384999	LEWIS, T.R.	2023409139	INTELLIA THERAPEUTICS, INC.
2023385035	KEY2BRAIN AB	2023410654	ARQIT LIMITED
2023385036	KEY2BRAIN AB	2023410692	UNIVERSITEIT UTRECHT HOLDING B.V.; STICHTING AMSTERDAM UMC
2023385231	ODNE AG	2023410701	NOVOZYMES A/S; NOVO NORDISK PHARMATECH A/S
2023385256	DEMATIC GMBH	2023410876	ABBOTT DIABETES CARE INC.
2023385361	MERCK SHARP & DOHME LLC	2023411337	STEP PHARMA S.A.S.
2023385459	COLGATE-PALMOLIVE COMPANY	2023411540	IFP ENERGIES NOUVELLES; REPSOL S.A.
2023385479	JJR&D, LLC	2023413110	ABBOTT DIABETES CARE INC.
2023385485	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA; AALBORG UNIVERSITET	2023413730	ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS
2023385618	GOOGLE LLC	2023414196	TISSIUM S.A.
2023385697	COLGATE-PALMOLIVE COMPANY	2023414375	FIDELITY INFORMATION SERVICES, LLC.
2023385721	DENALI THERAPEUTICS INC.	2023415499	E INK CORPORATION
2023385838	COLGATE-PALMOLIVE COMPANY	2023416466	TAIHEIYO CEMENT CORPORATION
2023386210	UNIVERSITY OF TASMANIA	2023416965	TASLY STEM CELL BIOLOGY LABORATORY, TASLY GROUP, LTD.
2023386396	RAISE D'RIGHT DRILLING SOLUTIONS LTD.	2023417264	HOLLISTER INCORPORATED
2023386397	ENDO ARRIAGADA, A.E.	2023417987	USYNOVA PHARMACEUTICALS, LTD.
2023387763	ANSTEEL BEIJING RESEARCH INSTITUTE CO., LTD.	2023419622	E INK CORPORATION
2023388926	FLUIDDA RESPI NV	2023420452	E INK CORPORATION
2023389083	FUJI OIL CO., LTD.	2023420649	WESTGENE BIOPHARMA CO., LTD.
2023389271	NOVOZYMES A/S	2023422091	QUALCOMM INCORPORATED
2023389404	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2023422129	QUALCOMM INCORPORATED
2023389564	EDWARDS LIFESCIENCES INNOVATION (ISRAEL) LTD.	2023422431	BEIJING GOLDWIND SCIENCE & CREATION WIND- POWER EQUIPMENT CO., LTD.
2023389984	UOP LLC	2023424812	HALLIBURTON ENERGY SERVICES, INC.
2023390125	UOP LLC	2023425699	BENJAMIN MOORE & CO.
2023390255	GENERAL MILLS, INC.	2023426070	ZTE CORPORATION
2023390462	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023427150	MOVIUS INTERACTIVE CORPORATION
2023390519	USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR V.V.I.	2023430754	HALLIBURTON ENERGY SERVICES, INC.
2023391282	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.	2023433912	SUZUKI MANUFACTURING, LTD.
2023391488	ALTO NEUROSCIENCE, INC.	2023434232	HALLIBURTON ENERGY SERVICES, INC.
2023391492	GENENTECH, INC.	2023437250	MOXIETEC, LLC
2023392273	WORXSAFE AB	2023439198	HALLIBURTON ENERGY SERVICES, INC.
2023393143	ARCELORMITTAL	2023447033	MOVIUS INTERACTIVE CORPORATION
2023393426	ARCELORMITTAL; FORM ENERGY, INC.	2023465831	HALLIBURTON ENERGY SERVICES, INC.
2023393623	DSM IP ASSETS B.V.	2023467684	DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES
2023393629	BOEHRINGER INGELHEIM VETMEDICA GMBH	2024206257	LIER CHEMICAL CO., LTD.
2023393653	ASTELLAS PHARMA EUROPE BV	2024210032	WEIR MINERALS NETHERLANDS B.V.
2023394304	LTS LOHMANN THERAPIE-SYSTEME AG; PAION UK LTD.	2024210234	EPICS THERAPEUTICS
2023395833	UOP LLC	2024211673	ATOMIONICS PTE LTD
2023396487	LAWRENCE EQUIPMENT, INC.	2024212280	QUOIN PHARMACEUTICALS, INC.
2023396941	LG ENERGY SOLUTION, LTD.	2024221571	ZODIAC POOL CARE EUROPE
2023397581	O&M HALYARD, INC.	2024222869	ZODIAC POOL CARE EUROPE
2023399039	ALNYLAM PHARMACEUTICALS, INC.	2024223453	ZODIAC POOL CARE EUROPE
2023399883	NEXT SCIENCE IP HOLDINGS PTY LTD	2024224154	INTERNATIONAL N&H DENMARK APS
2023400451	UCB BIOPHARMA SRL		
2023400523	KANADEVIA INOVA AG		

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2024278357	XINJIANG INSTITUTE OF ENGINEERING
2024300685	CRRC QINGDAO SIFANG CO., LTD.
2024312321	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024339209	HANGZHOU TIANLONG PHARMACEUTICAL CO., LTD.
2024343386	AXENT BIOSCIENCES INC.

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2023362447	2023420649	2023375422		2023380028	<u>A63B 71 /-</u>
2023363975	2024339209	<u>A61M 16 /-</u>	2023361384	2023383006	
2023371349	<u>A61K 48 /-</u>		2023371945	2023383435	2023374833
2023372574		2023365501	2023375349	2023385479	<u>B01D 11 /-</u>
2023373909	2023360709	2023365502	2023375580	2023389404	
2023375349	2023372338	2023366037	2023377193	2023393653	
2023376971	2023372574	<u>A61M 25 /-</u>	2023380534	2023406047	2023366001
2023381360	2023382803		2023381809	2023406317	2023372555
2023384972	<u>A61K 49 /-</u>	2023375644	2023384649	2023411337	<u>B01D 17 /-</u>
2023410692			2023385721	2023420649	
<u>A61K 39 /-</u>	2023357035	<u>A61M 31 /-</u>	2023389404	2024210234	
	2023385035		2023391488	<u>A61P 37 /-</u>	2023385479
	2023390519	2023380713	2023401113		<u>B01D 21 /-</u>
2022481989	<u>A61K 51 /-</u>	<u>A61M 35 /-</u>	2023406232	2023357892	
2023350283			<u>A61P 27 /-</u>	2023365611	2023366077
2023355219	2023367498	2023358093	2023371655	2023365813	<u>B01D 24 /-</u>
2023358774	2023377818	<u>A61M 37 /-</u>	<u>A61P 29 /-</u>	2023372574	
2023360615	2023390519			2023373909	2023358516
2023361181	<u>A61K 8 /-</u>	2023371939	2023357892	2023382080	<u>B01D 35 /-</u>
2023361390		2023377793	2023358093	2023384972	
2023361530	2023362447	<u>A61M 5 /-</u>	2023400451	2023417987	<u>B01D 35 /-</u>
2023364999	2023379636		2023417987	<u>A61P 43 /-</u>	2023358516
2023365611	2023379809	2022485995	<u>A61P 3 /-</u>	2023377192	<u>B01D 46 /-</u>
2023367498	2023383359	2023364540		<u>A61P 9 /-</u>	
2023371349	2023383361	2023377793	2023370078		2024300685
2023371606	2023383999	<u>A61N 1 /-</u>	2023371945	2023358521	<u>B01D 53 /-</u>
2023373909	2023385459		2023373194	2023370078	
2023375179	2023385697	2023403352	2023373197	2023375580	2023372498
2023375435	2023385838	<u>A61N 2 /-</u>	2023377192	2023377193	2023381052
2023376971	<u>A61K 9 /-</u>		2023381360	2024339209	<u>B01D 61 /-</u>
2023379469		2023358491	2023384649	<u>A61Q 11 /-</u>	
2023382080	2023322302		2023385485		2023361874
2023382491	2023358093	<u>A61N 7 /-</u>	2024339209	2023379636	<u>B01D 63 /-</u>
2023385035	2023358521		<u>A61P 31 /-</u>	2023383359	
2023385036	2023358774	2023379184		2023383999	2023361874
2023400451	2023359279	2023382152	2023361181	2023385459	<u>B01D 9 /-</u>
2023406047	2023359592	<u>A61P 1 /-</u>	2023375894	2023385697	
<u>A61K 41 /-</u>	2023361041		2023382491	2023385838	
2023358521	2023361756	2023370078	2023385361	<u>A61Q 17 /-</u>	2023377800
2023382080	2023362040	2023373194	2023399883		<u>B01F 35 /-</u>
<u>A61K 45 /-</u>	2023364999	2023373197	2023420649	2023362447	
	2023371676	<u>A61P 11 /-</u>	2024210234		2023356697
2023357892	2023375580		<u>A61P 35 /-</u>	<u>A61Q 19 /-</u>	
2023372988	2023382491	2023358521			<u>B01J 20 /-</u>
2023375349	2023382803		2022481989	2023362447	
2023400571	2023385479	<u>A61P 17 /-</u>	2023350283	<u>A62B 17 /-</u>	2023381052
2023410692	2023393629		2023355219		<u>B01J 23 /-</u>
<u>A61K 47 /-</u>	2023394304	2023357892	2023356237	2023366037	
	2023410692	2023362447	2023356904		2023390125
2023322302	2023420649	2023379809	2023358521	<u>A63B 21 /-</u>	2023391282
2023356237	2024212280	2023417987	2023360615		<u>B01J 27 /-</u>
2023358521	<u>A61L 27 /-</u>	2024212280	2023361390	2023365769	
2023359592		<u>A61P 19 /-</u>	2023361530	2023374834	2023377800
2023361756	2023358774		2023364999	<u>A63B 22 /-</u>	
2023364999	2023375461	2023371447	2023367498		<u>B01J 29 /-</u>
2023365611	2023377259	2023384649	2023371349	2023365769	
2023367498		2023417987	2023371631		2023467684
2023371606			2023371678		
2023371655					
2023371676					

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<u>B01J 31 /-</u>	<u>B09B 101 /-</u>	<u>B31B 100 /-</u>	2023377601	<u>B64C 39 /-</u>	<u>B65G 65 /-</u>
2023390125	2023372401	2023390462	<u>B60M 1 /-</u>	2023380077	2023385256
<u>B01J 35 /-</u>	2023379173	<u>B31B 50 /-</u>	2023377461	2023380079	<u>B65H 75 /-</u>
2023390125	2023404644	<u>B31B 50 /-</u>	<u>B60N 2 /-</u>	<u>B64D 10 /-</u>	2023370534
<u>B01J 37 /-</u>	<u>B09B 3 /-</u>	2023390462	2023376963	2023366037	<u>B66B 25 /-</u>
2023390125	2023372401	<u>B32B 1 /-</u>	<u>B60P 1 /-</u>	<u>B64G 1 /-</u>	2023376018
<u>B01J 7 /-</u>	2023379173	2023378273	2023377461	2023375504	<u>B66B 9 /-</u>
2023365501	<u>B09C 1 /-</u>	<u>B32B 27 /-</u>	2023382774	<u>B64G 3 /-</u>	2023406313
<u>B01L 3 /-</u>	2023366086	2023378273	<u>B60P 3 /-</u>	2023375504	<u>B66C 1 /-</u>
2023378289	2023372401	<u>B32B 5 /-</u>	2023372777	<u>B64G 6 /-</u>	2023406313
2023378290	2023373023	2023407522	2023377461	2023366037	<u>B66D 3 /-</u>
<u>B02C 17 /-</u>	<u>B21B 1 /-</u>	<u>B33Y 70 /-</u>	<u>B60Q 1 /-</u>	<u>B64U 10 /-</u>	2023406313
2023386397	2022486658	2023375295	2023360032	2023380077	<u>B66F 9 /-</u>
2023404644	<u>B25J 11 /-</u>	2023375461	2023372078	2023380079	2023372777
<u>B02C 2 /-</u>	<u>B25J 15 /-</u>	<u>B60D 1 /-</u>	<u>B60R 11 /-</u>	<u>B64U 30 /-</u>	2023377989
2023360381	2023362528	2023356538	2023356538	2023380077	2023406313
<u>B02C 23 /-</u>	2023372777	2023371538	<u>B60R 9 /-</u>	2023380079	<u>B68C 1 /-</u>
2023360381	<u>B25J 19 /-</u>	<u>B60K 1 /-</u>	2023356538	<u>B64U 40 /-</u>	2023376974
<u>B02C 25 /-</u>	2023362528	2023375619	<u>B60W 10 /-</u>	2023380077	<u>C01B 21 /-</u>
2023360381	<u>B25J 5 /-</u>	2023375634	2024312321	2023380079	2023365501
<u>B03B 5 /-</u>	2023362528	2023377455	<u>B60W 20 /-</u>	<u>B65D 1 /-</u>	2023365502
2023372401	<u>B26D 3 /-</u>	2023382774	2024312321	2023355406	<u>C01B 25 /-</u>
<u>B03B 7 /-</u>	2023379173	<u>B60K 15 /-</u>	<u>B61C 17 /-</u>	<u>B65D 43 /-</u>	2023381612
2023387763	<u>B28C 7 /-</u>	2023382767	2024300685	2023355406	<u>C01B 32 /-</u>
<u>B03C 1 /-</u>	<u>B29B 13 /-</u>	2023382772	<u>B61C 5 /-</u>	<u>B65D 81 /-</u>	2023372498
2023387763	2023378273	<u>B60L 3 /-</u>	2024300685	2023355406	<u>C01F 15 /-</u>
<u>B03D 1 /-</u>	<u>B29B 17 /-</u>	2023377455	<u>B61D 27 /-</u>	<u>B65D 83 /-</u>	2023366001
2023387763	2023378273	<u>B60L 5 /-</u>	2024300685	2023370534	<u>C01F 17 /-</u>
<u>B05C 7 /-</u>	2023404644	2023377605	<u>B62B 7 /-</u>	<u>B65D 85 /-</u>	2023366001
2023382101	<u>B29C 48 /-</u>	<u>B60L 50 /-</u>	2023378432	2023360043	<u>C01G 41 /-</u>
<u>B05D 1 /-</u>	2023378273	2023375619	<u>B62B 9 /-</u>	<u>B65G 1 /-</u>	2023376692
2023382101	<u>B29C 65 /-</u>	2023375634	2023378432	2023362317	<u>C01G 49 /-</u>
<u>B07B 1 /-</u>	2022485752	2023377454	<u>B62D 53 /-</u>	2023377989	2023377800
2023372401	<u>B29C 70 /-</u>	2023382774	2023371538	2023384603	<u>C02F 1 /-</u>
2023404644	2023380290	2023382774	2023382774	2023385256	2023373023
<u>B07B 13 /-</u>	<u>B29K 77 /-</u>	2023375619	<u>B63B 21 /-</u>	<u>B65G 47 /-</u>	2023381612
2023404644	2023378273	2023377454	2023378378	2023362528	2023389984
<u>B07C 5 /-</u>	<u>B29L 23 /-</u>	2023377455	<u>B63B 32 /-</u>	2023385256	<u>C02F 101 /-</u>
2023362307	2023378273	2023377463	2023358002	2023396487	2023389984
		<u>B60L 58 /-</u>		<u>B65G 63 /-</u>	<u>C02F 11 /-</u>
		2023377455		2023377989	2023366077
		2023377463			

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<u>C02F 3 /-</u>	<u>C07D 213 /-</u>	2023406528	2023367498	<u>C08F 8 /-</u>	<u>C10G 31 /-</u>
2023366077	2023381809	<u>C07D 417 /-</u>	<u>C07K 14 /-</u>	2024343386	2023411540
	2023393623				
	2023406528				
<u>C05F 3 /-</u>		2023377192	2022484476	<u>C08G 18 /-</u>	<u>C10G 45 /-</u>
	<u>C07D 233 /-</u>	2023377193	2023355219		
2023393623		2023385361	2023358521	2023375295	2023411540
		2024210234	2023360709		
<u>C05G 3 /-</u>	2023384649	<u>C07D 471 /-</u>	2023361181	<u>C08G 59 /-</u>	<u>C10G 69 /-</u>
	<u>C07D 239 /-</u>		2023364999		
2023366086		2023373194	2023371349	2023404649	2023411540
	2023377192	2023373197	2023371649	<u>C08G 73 /-</u>	<u>C10G 9 /-</u>
<u>C07B 59 /-</u>		2023377192	2023372574		
	<u>C07D 249 /-</u>	2023373909	2023373909	2023381052	2023411540
2023390519		2023380534	2023375349	2023395833	
	2023384649	2023383435	2023379583		<u>C11D 3 /-</u>
<u>C07C 15 /-</u>		2023389404	2023379677	<u>C08G 81 /-</u>	
	<u>C07D 263 /-</u>	2024210234	2023381360		2023389271
2023467684		<u>C07D 487 /-</u>	2023384333	2023371676	2023410701
	2023383435		2023384334		
<u>C07C 213 /-</u>	<u>C07D 307 /-</u>	2023383435	2023389271	<u>C08J 3 /-</u>	<u>C12M 1 /-</u>
		2023417987	2023400571		
2023375826		<u>C07D 491 /-</u>	<u>C07K 16 /-</u>	2023404649	2023356697
2023382586	2023393623			2024343386	2023357663
	<u>C07D 317 /-</u>	2023371678	2022481989	<u>C08J 5 /-</u>	2023364859
<u>C07C 217 /-</u>		2023373924	2023350283		2023371447
	2023383435	2023383006	2023355219	2023395833	2023378289
2023372498		2024210234	2023357892		2023382080
<u>C07C 219 /-</u>	<u>C07D 401 /-</u>	<u>C07D 493 /-</u>	2023361390	<u>C08K 11 /-</u>	2023400523
			2023361530		
2023359279	2023372498		2023365813	2023404649	<u>C12M 3 /-</u>
2023375826	2023377192	2023393623	2023371606		2023364859
2023382586	2023377193	<u>C07D 495 /-</u>	2023371649	<u>C08K 3 /-</u>	2023378289
	2023380534		2023372988		
<u>C07C 235 /-</u>	2023383435	2023380534	2023373006	2023404649	<u>C12N 1 /-</u>
	2023384649		2023373909		
2023356904	2023385361	<u>C07D 498 /-</u>	2023375179	<u>C08L 33 /-</u>	2023355794
	2023390519		2023375894		2023376007
<u>C07C 271 /-</u>	2023406528	2023380028	2023377353	2024343386	2024224154
	2024210234	2023383435	2023379469	<u>C08L 75 /-</u>	<u>C12N 13 /-</u>
2024206257	<u>C07D 403 /-</u>	<u>C07D 513 /-</u>	2023385035		
			2023385036	2023375295	2023371447
<u>C07C 275 /-</u>		2024210234	2023393653	<u>C08L 77 /-</u>	2023382080
	2023377193		2023400451		
2023420649	2023383435	<u>C07D 519 /-</u>	2023401000	2023378273	<u>C12N 15 /-</u>
	2023385361		2023401113		
<u>C07C 35 /-</u>	2023385721		<u>C07K 19 /-</u>	<u>C09D 151 /-</u>	2022481989
	2024210234	2023371945			2023350283
2023358093	<u>C07D 405 /-</u>	2023380028	2023360615	2023425699	2023355219
		<u>C07F 9 /-</u>	2023367371		2023359279
<u>C07C 39 /-</u>			2023371349	<u>C09J 5 /-</u>	2023360615
	2023372498	2024206257	2023375580		2023360709
2023322302	2023377064		<u>C08F 2 /-</u>	2023407522	2023360998
	2023377192	<u>C07H 1 /-</u>			2023367371
<u>C07C 7 /-</u>	2023377193		2023425699	<u>C09K 17 /-</u>	2023370078
	2023380534		2024343386		2023371349
2023372555	2023385361	2023384003	<u>C08F 220 /-</u>	2023366086	2023371649
	2023385361	2023384015			2023372338
<u>C07D 203 /-</u>	2023406528	<u>C07H 15 /-</u>	2023425699	<u>C09K 3 /-</u>	2023373909
	2024210234		2024343386		2023374883
2023377064	<u>C07D 409 /-</u>	2023384015	<u>C08F 265 /-</u>	2023373023	2023374887
		2024339209			2023375469
<u>C07D 207 /-</u>		<u>C07H 19 /-</u>	2023425699	<u>C10G 1 /-</u>	2023375580
	2023377192				2023379469
2023359279	2023377193	2023384003	<u>C08F 285 /-</u>	2023391282	2023379677
2023385361	2023406528	2023384015		2023411540	2023381360
		<u>C07K 1 /-</u>		2023467684	2023384333
<u>C07D 211 /-</u>	<u>C07D 413 /-</u>			<u>C10G 21 /-</u>	2023384334
		2023358521			2023384972
2023359279	2023377192			2023372555	2023400571
2023372498	2023377193				2023401000
2023380534	2023384649				
	2023385361				

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2023406047	<u>C21D 6 /-</u>	<u>D04H 5 /-</u>			<u>F03D 9 /-</u>
2023409139			<u>E04C 1 /-</u>	<u>E21B 23 /-</u>	
2023410701	2023393143	2023377080			2022344805
2024224154			2023437250	2023424812	
2024339209	<u>C21D 8 /-</u>	<u>D05B 1 /-</u>			<u>F04B 23 /-</u>
			<u>E04C 2 /-</u>	<u>E21B 33 /-</u>	
<u>C12N 5 /-</u>	2022486658	2023433912	2023437250	2023430754	2023364540
	2023393143			2023434232	<u>F04B 39 /-</u>
2023355219		<u>D05B 57 /-</u>			
2023360615	<u>C21D 9 /-</u>	2023433912	<u>E04F 15 /-</u>	<u>E21B 34 /-</u>	2024300685
2023371447	2023393143		2023361502		
2023371631		<u>D06F 37 /-</u>	<u>E04G 11 /-</u>	2024210032	<u>F04B 49 /-</u>
2023371649	<u>C22B 1 /-</u>	2023375829		<u>E21B 4 /-</u>	2023364540
2023372574	2023387763		2023362003		
2023377080		<u>D06F 39 /-</u>	<u>E04G 21 /-</u>	2023386396	<u>F04B 53 /-</u>
2023378289	<u>C22B 11 /-</u>	2023375829		<u>E21B 41 /-</u>	2024210032
2023379809			2023362003		
2023382080	2023377800	<u>D06F 58 /-</u>		2023374041	<u>F04D 13 /-</u>
2023386210		2023363913	<u>E04G 3 /-</u>	2023424812	
2023400571	<u>C22B 3 /-</u>		2023406313	2023430754	2023365580
2023403407	2023366001	<u>D06M 17 /-</u>		2023439198	<u>F04D 29 /-</u>
2023409139	2023377800		<u>E04H 4 /-</u>	<u>E21B 43 /-</u>	
2023410701	2023381612	2023389564			2023365580
2024343386			2024221571	2023374041	
<u>C12N 7 /-</u>	<u>C22B 59 /-</u>	<u>D21J 3 /-</u>	2024222869	2023424812	<u>F16B 2 /-</u>
	2023366001		2024223453	2023434232	
2023406047		2023360044	<u>E04H 9 /-</u>	2023439198	2023356199
<u>C12N 9 /-</u>	<u>C22B 7 /-</u>	<u>E01C 11 /-</u>		<u>E21B 47 /-</u>	<u>F16B 21 /-</u>
			2023360052		
2022489922	2023372401	2023361502		2023377808	2023392273
2023360709			<u>E05B 17 /-</u>	2023430754	<u>F16B 39 /-</u>
2023361390	<u>C22C 33 /-</u>	<u>E01F 15 /-</u>		2023434232	
2023367371	2022486658	2023377605	2023355607	2023439198	2023386397
2023372338			<u>E05B 47 /-</u>	2023465831	
2023375469	<u>C22C 38 /-</u>	<u>E01F 5 /-</u>		<u>E21B 49 /-</u>	<u>F16B 45 /-</u>
2023375580		2023358516	2023355607		2023374834
2023384333	2022486658		<u>E05B 55 /-</u>	2023465831	
2023384334	2023393143	<u>E01F 9 /-</u>		<u>E21B 7 /-</u>	<u>F16B 5 /-</u>
2023389271		2023392273	2023355607		2023374834
2023410701	<u>C23C 2 /-</u>		<u>E05B 63 /-</u>	2023424812	2023392273
<u>C12P 19 /-</u>	2022486658	<u>E02B 3 /-</u>		<u>E21C 41 /-</u>	<u>F16F 9 /-</u>
		2022485752	2023355607		
2023357506	<u>C25B 1 /-</u>	<u>E02D 1 /-</u>	<u>E05D 7 /-</u>	2024278357	2023362755
<u>C12Q 1 /-</u>	2023381536	2023380799		<u>E21F 15 /-</u>	2023378432
	2023390125		2023374594		
2023357883	2023395833	<u>E03C 1 /-</u>		2024278357	<u>F16G 15 /-</u>
2023357892	2023405114		<u>E06B 9 /-</u>		2023408544
2023372988		2023381812	2023361499	<u>F01B 1 /-</u>	
2023374883	<u>C25B 11 /-</u>		2023361500		<u>F16K 1 /-</u>
2023374887	2023390125	<u>E03F 7 /-</u>	<u>E06C 7 /-</u>	2022344805	2024210032
2023375469		2023356723		<u>F01B 23 /-</u>	
2023384333	<u>C25B 13 /-</u>		2023406313	2022344805	<u>F16K 15 /-</u>
2023384334	2023395833	<u>E04B 1 /-</u>			2023356723
2024212280		2023406313	<u>E21B 1 /-</u>	<u>F01B 29 /-</u>	2024210032
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	2023405114	<u>E04B 2 /-</u>	<u>E21B 17 /-</u>	2022344805	<u>F16K 17 /-</u>
2023363989		2023360052		<u>F03B 13 /-</u>	2023356723
<u>C21B 13 /-</u>	<u>C25B 9 /-</u>	2023437250	2023439198	2023362874	<u>F16K 31 /-</u>
	2023381536	<u>E04B 9 /-</u>	<u>E21B 19 /-</u>		
2023393426	2023405114			<u>F03D 7 /-</u>	2023356723
<u>C21D 1 /-</u>		2023360052			
	<u>D04H 1 /-</u>		2023356199	2023422431	
2023393143	2023377080		2023377808		

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2023356723	2023382605	2023373335	2023376938	2023391492	2023376187
<u>F16L 11 /-</u>	<u>G01N 33 /-</u>	<u>G06F 16 /-</u>	<u>G06Q 40 /-</u>	<u>G16B 30 /-</u>	2023381536
2023378273	2023357035	2023376938	2023376938	2023416965	2023382767
<u>F16L 58 /-</u>	2023357892	2023427150	<u>G06Q 50 /-</u>	<u>G16B 40 /-</u>	2023382772
2023382101	2023371606	2023447033	2023361849	2023391492	2023382774
<u>F16L 9 /-</u>	2023372988	<u>G06F 18 /-</u>	2023372350	<u>G16H 10 /-</u>	<u>H01R 12 /-</u>
2023378273	2023374887	2023360045	2023376938	2023370534	2023379016
<u>F21S 41 /-</u>	2023375435	<u>G06F 21 /-</u>	<u>G06T 11 /-</u>	2023377278	<u>H01R 13 /-</u>
2023378273	2023379469	2023358012	2023371363	<u>G16H 20 /-</u>	<u>H01R 24 /-</u>
<u>F21S 41 /-</u>	2023380152	2023371642	<u>G06T 13 /-</u>	2022485995	2023371943
2023386210	2023382605	2023373335	2023380237	2023370534	2023379016
2023360032	2023386210	2023378741	<u>G06T 17 /-</u>	2023377278	<u>H01R 25 /-</u>
<u>F21V 23 /-</u>	<u>G01R 19 /-</u>	<u>G06F 3 /-</u>	2023377252	2023413110	2023377605
2023360032	2023376087	2024252508	2023380237	<u>G16H 30 /-</u>	<u>H01R 43 /-</u>
<u>F24S 30 /-</u>	2023378169	<u>G06F 30 /-</u>	<u>G06T 19 /-</u>	2023388926	2023371943
2023372777	<u>G01R 31 /-</u>	2023377252	2023377252	<u>G16H 50 /-</u>	<u>H01R 9 /-</u>
<u>F25B 29 /-</u>	<u>G01S 1 /-</u>	<u>G06F 40 /-</u>	<u>G06T 7 /-</u>	2023360045	2023371943
2023374748	2023382616	2023356540	2023357663	2023377278	<u>H02K 1 /-</u>
<u>F25B 49 /-</u>	<u>G01S 15 /-</u>	2023447033	2023372350	2023388926	2023365580
2023374748	2023378847	<u>G06K 19 /-</u>	2023378777	2023413110	<u>H02K 7 /-</u>
<u>G01C 11 /-</u>	<u>G01V 1 /-</u>	2023382616	2023380237	<u>G21C 1 /-</u>	<u>H02K 7 /-</u>
2023372350	2023378847	<u>G06K 7 /-</u>	2023383187	2023374041	2023365580
2023380237	<u>G01V 3 /-</u>	2023382616	2023407314	2023380030	<u>H02M 1 /-</u>
<u>G01C 21 /-</u>	2023430754	<u>G06N 10 /-</u>	<u>G06V 10 /-</u>	<u>G21C 15 /-</u>	2023380535
2023372350	<u>G01V 8 /-</u>	2023361507	2023378777	2023374041	2023401189
<u>G01F 1 /-</u>	2023465831	2023385618	<u>G06V 20 /-</u>	2023380030	<u>H02M 3 /-</u>
2023376519	<u>G02B 26 /-</u>	<u>G06N 20 /-</u>	2023358012	<u>G21C 3 /-</u>	2023377600
<u>G01L 1 /-</u>	2024211673	2023360045	2023372350	2023374041	<u>H02M 7 /-</u>
2023358088	<u>G02B 27 /-</u>	2023377278	2023378777	2023380030	2023378695
<u>G01L 25 /-</u>	2024211673	2023414375	<u>G06V 40 /-</u>	2024211673	2023401189
2024312321	2024211673	2023434232	2023358012	<u>H01L 21 /-</u>	<u>H02P 27 /-</u>
<u>G01M 11 /-</u>	2024252508	2023447033	2024252508	2023407522	2023375902
2023358088	<u>G02F 1 /-</u>	2023361507	<u>G08B 21 /-</u>	<u>H01L 23 /-</u>	<u>H03M 7 /-</u>
<u>G01M 5 /-</u>	2023415499	2023377252	2023376087	2023372055	2023356540
2023358088	2023419622	2023378777	<u>G08G 5 /-</u>	<u>H01M 10 /-</u>	<u>H04B 7 /-</u>
<u>G01N 15 /-</u>	2023420452	2023414375	2023380237	2023372557	2023408190
2023378289	<u>G05B 19 /-</u>	2023447033	<u>G09F 7 /-</u>	2023377601	<u>H04L 41 /-</u>
2023378290	2023362317	2023376938	<u>G10L 15 /-</u>	<u>H01M 50 /-</u>	2023427150
2024300685	<u>G05D 11 /-</u>	2023380237	2023356540	2023375634	<u>H04L 61 /-</u>
<u>G01N 21 /-</u>	2023356697	<u>G06Q 20 /-</u>	2023356540	2023396941	2023374838
2023356697	<u>G05D 23 /-</u>	2023376938			2023427150
2023357506	2023361306				
2023465831					

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H04W 12 /-

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H04W 4 /-

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C02F 1/76 (2006.01)
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H04W 4/50 (2018.01)
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C09D 4/06 (2006.01)
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A01B 33/06 (2006.01)
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C07H 21/04 (2006.01)
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H02J 50/10 (2016.01)
H02J 50/80 (2016.01)
H04B 5/00 (2006.01)
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A01H 5/00 (2018.01)
A61K 39/145 (2006.01)
C07K 14/11 (2006.01)
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C12N 5/10 (2006.01)
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A61K 39/215 (2006.01)
A61K 45/06 (2006.01)
C07H 21/00 (2006.01)
C07H 21/02 (2006.01)
C12N 15/00 (2006.01)
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F21V 15/015 (2006.01)
H05B 47/10 (2020.01)
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F21V 23/00 (2015.01)
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A61K 31/4412 (2006.01)
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C07K 16/28 (2006.01)
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C11D 17/06 (2006.01)
C11D 3/00 (2006.01)
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C07J 61/00 (2006.01)
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H02J 3/12 (2006.01)
G01R 19/00 (2006.01)
H02J 3/06 (2006.01)
H02J 3/18 (2006.01)
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(21) 2023274107

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C10G 29/04 (2006.01)

C10G 45/02 (2006.01)

C10G 69/02 (2006.01)

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G08G 1/16 (2006.01)

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(21) 2023274107

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(11) AU-B-2020272238

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A61B 18/02 (2006.01)

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A61P 31/16 (2006.01)

A61K 31/4355 (2006.01)

C07D 471/04 (2006.01)

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(51) Int. Cl.

C12N 9/04 (2006.01)

C12P 21/04 (2006.01)

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(51) Int. Cl.

E06B 9/42 (2006.01)

E06B 9/78 (2006.01)

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(54) Double-layer multi-strand cord with improved penetrability

(51) Int. Cl.

D07B 1/06 (2006.01)

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(54) Double-layer multi-strand cord with improved penetrability

(51) Int. Cl.

D07B 1/06 (2006.01)

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(54) Double-layer multi-strand cable with improved penetrability

(51) Int. Cl.

D07B 1/06 (2006.01)

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(54) Double-layer multi-strand cord with improved penetrability

(51) Int. Cl.

D07B 1/06 (2006.01)

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A61F 7/00 (2006.01)
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G02C 7/04 (2006.01)
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A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
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A01N 43/40 (2006.01)
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A01N 37/44 (2006.01)
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E04F 11/02 (2006.01)
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A61P 35/00 (2006.01)
C12Q 1/686 (2018.01)
G01N 33/50 (2006.01)
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F25B 21/02 (2006.01)
F25D 31/00 (2006.01)
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A61K 47/68 (2017.01)
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A61P 35/00 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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F24F 1/0018 (2019.01)
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A61P 29/00 (2006.01)
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(54) Systems and methods to treat flue gas desulfurization and metal-bearing waste streams to recover value-added materials
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C01F 17/00 (2020.01)
C22B 3/04 (2006.01)
C22B 59/00 (2006.01)
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G05D 1/43 (2024.01)
G01C 21/32 (2006.01)
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A61C 13/00 (2006.01)
A61C 5/77 (2017.01)
G16H 30/40 (2018.01)
G16H 50/70 (2018.01)
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F01K 25/10 (2006.01)
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(51) Int. Cl.
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C08G 65/26 (2006.01)
C07C 45/64 (2006.01)
C09D 11/101 (2014.01)
C11D 1/72 (2006.01)
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C08L 67/02 (2006.01)
A01F 15/14 (2006.01)
B29C 48/07 (2019.01)
B29C 48/35 (2019.01)
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B29C 59/04 (2006.01)
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C08G 63/183 (2006.01)
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(51) Int. Cl.
C12N 9/22 (2006.01)
A61K 39/00 (2006.01)
A61K 48/00 (2006.01)
C12P 21/04 (2006.01)
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C07K 14/31 (2006.01)
A61K 38/17 (2006.01)
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C07K 16/28 (2006.01)
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A01N 43/56 (2006.01)
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A01N 47/24 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/4439 (2006.01)
A61P 3/10 (2006.01)
A61P 11/06 (2006.01)
A61P 13/00 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
C07C 55/02 (2006.01)
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B60R 11/04 (2006.01)
G01S 17/931 (2020.01)
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SUNGKYUNKWAN UNIVERSITY see
CUROGEN TECHNOLOGY CO., LTD.
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B60R 9/058 (2006.01)
B60J 7/10 (2006.01)
B60R 9/04 (2006.01)
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A23G 3/10 (2006.01)
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A47L 11/00 (2006.01)
B25J 5/00 (2006.01)
E01C 23/07 (2006.01)
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G06Q 10/08 (2023.01)
G16Y 20/20 (2020.01)
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F16M 11/04 (2006.01)
F16M 13/02 (2006.01)
H01R 13/00 (2006.01)
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G06K 7/14 (2006.01)
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H04W 72/04 (2023.01)
H04W 72/12 (2023.01)
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A61P 25/00 (2006.01)
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E04B 1/26 (2006.01)
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A47L 9/24 (2006.01)
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B33Y 10/00 (2015.01)
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G10K 11/178 (2006.01)
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 (54) METHODS AND SYSTEMS FOR FIDUCIAL MARKER DEPLOYMENT IN MEDICAL PROCEDURES
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A61B 90/00 (2016.01)
A61B 1/317 (2006.01)
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A61F 2/08 (2006.01)
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B25F 5/02 (2006.01)
B25B 19/00 (2006.01)
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B25B 23/18 (2006.01)
F21V 5/00 (2018.01)
F21V 33/00 (2006.01)
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C01G 31/02 (2006.01)
B01J 39/04 (2017.01)
C08F 22/36 (2006.01)
C08F 222/00 (2006.01)
C08F 222/06 (2006.01)
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A23L 29/206 (2016.01)
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A23L 33/21 (2016.01)
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A23L 33/175 (2016.01)
A23L 33/18 (2016.01)
A23L 33/185 (2016.01)
A23L 33/19 (2016.01)
A61K 38/00 (2006.01)
A61P 3/02 (2006.01)
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A61N 1/32 (2006.01)
A61B 5/01 (2006.01)
A61B 5/05 (2021.01)
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A61B 5/24 (2021.01)
A61B 5/30 (2021.01)
A61N 1/05 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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H04R 3/04 (2006.01)
G06F 3/048 (2013.01)
G06F 3/0484 (2013.01)
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A01N 25/30 (2006.01)
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(54) Cyclin-dependent kinase inhibitors
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C07D 471/20 (2006.01)
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(54) Cyclin-dependent kinase inhibitors
(51) Int. Cl.
C07D 487/20 (2006.01)
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A61P 35/00 (2006.01)
C07D 487/14 (2006.01)
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B32B 27/00 (2006.01)
B29C 33/38 (2006.01)
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B29C 59/16 (2006.01)
B32B 3/14 (2006.01)
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B01D 53/50 (2006.01)
B01D 46/00 (2022.01)
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B07B 1/46 (2006.01)
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C04B 41/65 (2006.01)

C23F 11/18 (2006.01)
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A61F 13/53 (2006.01)
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(21) 2023233146

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 B42D 25/324 (2014.01)
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2018378812	Avidity Biosciences, Inc.	2019345325	Teralytic Holdings Inc.
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2019243443	Icahn School of Medicine at Mount Sinai	2019360371	Survitec Group Limited
2019250102	HULK HARDWARE PTY LTD	2019362880	Research Triangle Institute
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2019266916	Universität Zürich	2019373574	Bestadom s.r.o.
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2019288151	Schlumberger Technology B.V.	2019383896	LG Energy Solution, LTD.
2019291191	Compagnie Generale Des Etablissements Michelin	2019383973	Kama-Tech (HK) Limited; Laser Technology, Inc.
2019291192	Compagnie Generale Des Etablissements Michelin	2019385397	Dana-Farber Cancer Institute, Inc.; Voronoi Inc.
2019291193	Compagnie Generale Des Etablissements Michelin	2019386379	Arch Biopartners, Inc.
2019291194	Compagnie Generale Des Etablissements Michelin	2019387017	Roboxi AS
2019291195	Compagnie Generale Des Etablissements Michelin	2019389007	Visa International Service Association
2019291939	Monarch Biosciences, Inc.	2019389263	Topadur Pharma AG
2019293645	Kenvue Brands LLC	2019391186	ResMed Inc.
2019295495	Aramis Biotechnologies Inc.	2019391398	Alcon Inc.
2019295496	Aramis Biotechnologies Inc.	2019392572	Kimberly-Clark Worldwide, Inc.
2019295497	Aramis Biotechnologies Inc.	2019393818	Avedro, Inc.
2019295782	Aquacyl LLC	2019393832	Rapid Phenotyping Pty Limited
2019300161	Verseon International Corporation	2019394810	Faron Pharmaceuticals Oy
2019300832	Merck Sharp & Dohme LLC	2019395239	Fasteners for Retail, Inc.
2019300837	Codexis, Inc.	2019396749	ResMed Pty Ltd
2019303912	Bayer Aktiengesellschaft	2019397490	Pipeline Medical Technologies, Inc.
2019310312	Caterpillar Inc.	2019397575	Foss Analytical A/S
2019310577	NEW YORK BLOOD CENTER, INC.	2019398798	Luigi Lavazza S.p.A.
2019311117	Cocrystal Pharma, Inc.	2019400099	Société des Produits Nestlé S.A.
2019311400	AMAR, S.	2019401274	Dow Global Technologies LLC; Rohm and Haas Company
2019312036	Monash University	2019401794	Koninklijke Douwe Egberts B.V.
2019312292	CoolTech, LLC	2019406845	BlueCats Australia Pty Ltd.
		2019407045	Alcon Inc.
		2019408844	Hymeth ApS

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2019410716	Ogeda SA	2020284295	Becton, Dickinson and Company
2019413360	SPV Therapeutics Inc.	2020284495	Airbus Defence and Space Limited
2019413683	SPV Therapeutics Inc	2020285714	Stamford Devices Ltd.
2019421379	Pitt, R.	2020287611	Pictometry International Corp.
2019421529	Vålinge Innovation AB	2020287907	Société des Produits Nestlé S.A.
2019437961	Swissinno Solutions AG	2020289211	Ontex BV; Ontex Group NV
2019440156	Halliburton Energy Services, Inc.; Board of Regents, The University of Texas System	2020293054	Weatherford Technology Holdings, LLC
2019473414	Halliburton Energy Services, Inc.	2020293083	PARTANNA GLOBAL, INC.
2019477646	Halliburton Energy Services, Inc.	2020293261	BioPhotas, Inc.
2020200879	The Boeing Company	2020294402	Komatsu Forest AB
2020202150	CATERPILLAR INC.	2020295993	Agrotech S.A.
2020202311	The Raymond Corporation	2020297348	Raytheon Company
2020203540	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	2020297435	Qualcomm Incorporated
2020203920	The Boeing Company	2020298762	F. HOFFMANN-LA ROCHE AG
2020205368	Chengdu Kanghong Pharmaceutical Co Ltd	2020300849	A.Y. Laboratories Ltd.
2020206519	BASF SE	2020302325	Zomojo Pty Ltd
2020206694	Celgene Corporation	2020312071	Pacarada, E.; Pacarada, E.
2020210980	DAVY POWERSPORTS INC.	2020315401	The Regents of The University of Michigan
2020213717	Oy ICS Intelligent Control Systems Ltd	2020315452	Silencer Devices, LLC.
2020214469	IFP Energies nouvelles	2020315822	Landis+Gyr Technology, Inc.
2020215227	BASF SE	2020335849	IF-Adamas B.V.
2020215640	Illumina, Inc.	2020337944	Hollister Incorporated
2020216162	Mars, Incorporated	2020339715	Elonroad AB
2020218511	Boost Ideas, LLC	2020340547	Bellaseno GmbH
2020219701	SKF Recondoil AB	2020341455	Dentsply Sirona Inc.
2020220101	Yeh, T.	2020346351	Fresenius Medical Care Deutschland GmbH
2020221824	Sonos, Inc.	2020355402	Medos International Sarl
2020223101	Radius Pharmaceuticals, Inc.	2020366133	TUBEX Tubenfabrik Wolfsberg GmbH
2020223149	Sangamo Therapeutics, Inc.	2020387199	CentricsBio, Inc.
2020223441	Ascendis Pharma Growth Disorders A/S	2020392121	SI-BONE, Inc.
2020223491	Carlsberg Breweries A/S	2020414266	Equinor Energy AS
2020224694	Titeline Services Pty Ltd	2020425706	Halliburton Energy Services, Inc.
2020226567	Beijing Bytedance Network Technology Co., Ltd.; Byte- Dance Inc.	2020426058	Halliburton Energy Services, Inc.
2020226573	Huawei Technologies Co., Ltd.	2020441152	ResMed Asia Pte Ltd
2020226950	Worldline SA	2020451874	Babu, Killakathu Ramanathan
2020228633	Niagara Bottling, LLC	2020455342	Halliburton Energy Services, Inc.
2020228977	Ancra International LLC	2020481427	QUBS AG
2020230210	Bayer Aktiengesellschaft	2021205818	Topgolf International, Inc.
2020232283	Third Iron, LLC	2021208790	Xiamen Innodx Biotech Co., Ltd; Xiamen University
2020233571	Immunolight, LLC	2021232784	W.S. Tyler Canada Ltd
2020240738	Sumitomo Heavy Industries, Ltd.	2021236050	Halliburton Energy Services, Inc.
2020245253	Johnson & Johnson Vision Care, Inc.	2021240245	Evergreen Garden Care Australia Pty Ltd
2020245443	The Glad Products Company	2021244177	Appbrilliance, Inc.
2020251185	Yara International ASA	2021247161	Scandit AG
2020251514	Oxygenium Ltd.	2021252396	Gencurix Inc.
2020253966	Turun Yliopisto	2021260099	BioNTech SE
2020254705	CSR Building Products Limited	2021264520	Hydro Dynamics, Inc.
2020259509	Huawei Technologies Co., Ltd.	2021272252	Pitney Pharmaceuticals Pty Limited
2020259908	Borody, T.	2021289122	HysensBio
2020263223	Cuula GmbH	2021313128	Genentech, Inc.; Universiteit Utrecht Holding B.V.
2020263289	Amgen Inc.	2021326477	Believe Pursue LLC
2020266139	The Research Foundation for the State University of New York; PATH	2021327863	GOLDMAN SACHS & CO. LLC
2020266435	Qualcomm Incorporated	2021330067	Harbour Biomed (SHANGHAI) Co., Ltd.
2020267138	NoCell Technologies, LLC	2021337718	RemeGen Co., Ltd.
2020267355	Praxis Precision Medicines, Inc.	2021339001	Glassomer GmbH
2020269275	Oerlikon Metco (US) Inc.	2021349862	VICTAULIC COMPANY
2020269835	BASF SE	2021353037	Welltec Manufacturing Center Completions ApS
2020270928	UGLK Science AB	2021357265	LG ELECTRONICS INC.
2020271253	Societe des Produits Nestle S.A.	2021359779	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2020271407	Ecole Royale Militaire; Centre National de la Recherche Scientifique (CNRS)	2021363268	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC DALIAN RESEARCH INSTITUTE OF PET- ROLEUM AND PETROCHEMICALS CO., LTD.
2020272238	CleanCold Technologies LLC	2021369480	The University of North Carolina at Chapel Hill
2020272706	Sekisui House, Ltd.	2021369503	AMERICAN STERILIZER COMPANY
2020273608	MBP (Mauritius) Ltd	2021372970	VICTAULIC COMPANY
2020278254	Ambrosia Investments Ltd	2021378060	NEENAH GESSNER GMBH
2020280667	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.	2021394243	Suzhou Institute of Nano-Tech and Nano-Bionics (Sin- ano), Chinese Academy of Sciences
2020282086	Huawei Technologies Co., Ltd.	2021404034	Desmont, P.
		2021404990	JMBG GMBH + CO KG
		2021411869	KITZ CORPORATION

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2021414090	W.L. GORE & ASSOCIATES, INC.	2022337499	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2021416210	BYD COMPANY LIMITED	2022345878	YI CHUN GREEN TECHNOLOGY CO., LTD.; SHEN, J.
2021417899	ALPHA TAU MEDICAL LTD.	2022348561	ELI LILLY AND COMPANY
2021429382	Metso Metals Oy	2022358239	LUCID SOFTWARE, INC.
2021434125	HEXWARE TECHNOLOGIES LIMITED	2022360261	ELICIT PLANT
2021445678	WHITEMARK TECHNOLOGY GMBH	2022361161	ORBIO CORPORATION
2021446056	ARCELORMITTAL	2022361782	RICOIRA FOODS PVT LTD.
2021447431	VECTOR MAGNETICS LLC	2022364034	SYNGENTA CROP PROTECTION AG
2021453694	MITSUBISHI ELECTRIC CORPORATION	2022366332	PRILENIA NEUROTHERAPEUTICS LTD.
2021460191	PARITY QUANTUM COMPUTING GMBH	2022384581	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2021473165	INSTITUTE OF MEDICINAL BIOTECHNOLOGY, CHINESE ACADEMY OF MEDICAL SCIENCES; GUANGZHOU HC NEW DRUG RESEARCH CO., LTD.	2022413391	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHO- PAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
2021478814	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)		A10 Systems Inc
2022200179	Illumina, Inc.	2022421217	NANJING CHERVON INDUSTRY CO., LTD.
2022202727	Exact Sciences Corporation	2022427366	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.
2022203227	Naber Holding GmbH & Co. KG	2022430608	TECALEMIT GMBH & CO. KG
2022203239	Regeneron Pharmaceuticals, Inc.		WUHAN OPTICS VALLEY ZOYON SCIENCE AND TECHNOLOGY CO., LTD.
2022205653	KITE PHARMA, INC.	2022435286	Soin Neuroscience, LLC
2022209122	H & M MEDICAL SOLUTIONS GMBH	2022454784	Research Institute at Nationwide Children's Hospital
2022211175	CUROGEN TECHNOLOGY CO., LTD.; RESEARCH # BUSINESS FOUNDATION SUNGKYUNKWAN UNI- VERSITY	2023200208	HandyLab, Inc.
2022214501	CUROGEN TECHNOLOGY CO., LTD.; RESEARCH # BUSINESS FOUNDATION SUNGKYUNKWAN UNI- VERSITY	2023200499	SharkNinja Operating LLC
2022215411	IMGT CO, LTD.	2023200806	Daiichi Sankyo Company, Limited
2022220987	USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR, V. V. I.	2023200845	The Trustees of the University of Pennsylvania; No- vartis AG
2022221475	Takeda Pharmaceutical Company Limited	2023201159	Caterpillar Inc.
2022222816	THE PROCTER & GAMBLE COMPANY	2023201620	Gatekeeper Systems, Inc.
2022224032	ELI LILLY AND COMPANY	2023201924	ResMed Pty Ltd
2022227724	HUAWEI TECHNOLOGIES CO., LTD.	2023202001	Marquette University
2022234333	KITE PHARMA, INC.	2023202065	Kite Pharma, Inc.
2022240331	SAMSUNG ELECTRONICS CO., LTD.	2023202308	Snap-on Incorporated
2022248122	NIPPON STEEL CORPORATION	2023202331	Sagemcom Energy & Telecom SAS
2022250450	DUKE UNIVERSITY	2023202614	Eli Lilly and Company
2022250568	NOKIA TECHNOLOGIES OY	2023202982	Case Western Reserve University
2022250705	INVENTIO AG	2023203034	Dexcom, Inc.
2022251678	INVENTIO AG	2023203091	Getac Technology Corporation
2022258017	BOSTON SCIENTIFIC NEUROMODULATION COR- PORATION	2023203389	Cornell University
2022258161	NANJING NUTRABUILDING BIO-TECH CO., LTD.	2023203581	Boston Scientific Neuromodulation Corporation
2022259240	BYD COMPANY LIMITED	2023203745	Healthall Laboratory, Inc.
2022259812	Joint Stock Company Krasnoyarsk Hydropower Plant (JSC Krasnoyarsk HPP)	2023203924	Chem-Dry, Inc.
2022261121	T.F.H. PUBLICATIONS, INC.	2023203973	Beckman Coulter, Inc.
2022261529	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2023203991	Tencent America LLC
2022263564	MedImmune Limited	2023204022	Medisca Pharmaceutique Inc.
2022264512	CARBON TECHNOLOGY HOLDINGS, LLC	2023204134	Genentech, Inc.
2022267164	DAIKIN INDUSTRIES, LTD.	2023204220	Qualcomm Incorporated
2022273061	THE PROCTER & GAMBLE COMPANY	2023204311	Quest Diagnostics Investments LLC
2022273276	Boston Scientific Neuromodulation Corporation	2023204389	Fisher & Paykel Healthcare Limited
2022275527	MAYSER, LLC	2023206160	Amicus Therapeutics, Inc.
2022284393	PANASONIC LIFE SOLUTIONS INDIA PRIVATE LIM- ITED	2023206175	Zenflow, Inc.
2022288462	HITACHI CONSTRUCTION MACHINERY CO., LTD.	2023206226	Biofire Defense, LLC.; Biofire Diagnostics, LLC.
2022291638	Fraunhofer-Gesellschaft zur Förderung der ange- wandten Forschung e.V.	2023210526	SSG International, LLC
2022292722	ATRECA, INC.	2023210552	ECP Entwicklungsgesellschaft mbH
2022296455	BYD COMPANY LIMITED	2023210565	Snap-on Incorporated
2022300303	WONDERLAND SWITZERLAND AG	2023214251	LG Electronics Inc.
2022300453	MITSUBISHI HEAVY INDUSTRIES, LTD.	2023216780	Zhongchao Special Security Technology Co., Ltd; China Banknote Printing and Minting Corp.
2022305403	LG ELECTRONICS INC.	2023216895	ELI LILLY AND COMPANY
2022309907	SUNGROW POWER SUPPLY CO., LTD.	2023219943	HANWHA CORPORATION
2022310121	OCADO INNOVATION LIMITED	2023219976	FMC Corporation
2022315487	BASF COATINGS GMBH	2023222972	Avava, Inc.
2022318882	BOSTON SCIENTIFIC SCIMED, INC.	2023222979	Illumina, Inc.; Illumina, Singapore Pte. Ltd.
2022326656	HUAWEI TECHNOLOGIES CO., LTD.	2023226676	Elanco US Inc.
2022334229	HUAWEI TECHNOLOGIES CO., LTD.	2023226720	Canon Kabushiki Kaisha
2022337152	ACTNANO, INC.	2023229505	GE Video Compression, LLC
2022337278	PRC-DESOTO INTERNATIONAL, INC.	2023229538	Monsanto Technology LLC
		2023233141	Vanda Pharmaceuticals Inc.
		2023233146	JINKO SOLAR (HAINING) CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
		2023241300	Metso Sweden AB

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2023248163	China Bambino Prezioso Co., Ltd.
2023251451	Becton, Dickinson and Company
2023258408	MFTB Holdco, Inc.
2023263569	Bullfrog International, LC.
2023269144	BURZ, LLC
2023270237	Apple Inc.
2023274107	NANTONG CIMC ENERGY EQUIPMENT CO., LTD.; CHINA INTERNATIONAL MARINE CONTAINERS (GROUP) CO., LTD.; CIMC ENRIC INVESTMENT HOLDINGS (SHENZHEN) CO., LTD.
2023274167	Toppan Inc.
2023282176	Getzner Werkstoffe Holding GmbH
2023282213	Heraeus Medical GmbH
2023282291	LYNAS RARE EARTHS LIMITED
2023288537	RED LEAF RESOURCES, INC.
2023290505	SWESENSI AB
2023358001	BTL MEDICAL DEVELOPMENT A.S.
2023379420	CHINA ELECTRIC POWER RESEARCH INSTITUTE
2024200010	Chongqing Changan Automobile Co., Ltd
2024200510	D R Baling Wire Manufacturers Limi
2024200607	Boston Scientific Scimed, Inc.
2024200847	MedImmune, LLC
2024201005	Apple Inc.
2024201020	Sap Products Limited
2024201157	IHI Corporation
2024201505	Boston Scientific Scimed, Inc.
2024201950	Intuit Inc.
2024202383	Schlage Lock Company LLC
2024202623	Amgen Inc.
2024202757	Heraeus Medical GmbH
2024203080	DEKA Products Limited Partnership
2024203324	Allan, O.
2024203516	Commercialisation Express Pty Ltd
2024203900	Huawei Technologies Co., Ltd.
2024204139	Anago Limited
2024204745	Great Plains Manufacturing, Inc.
2024204795	Stryker European Operations Limited
2024216430	Apple Inc.
2024278466	SNF GROUP
2024287106	Great Plains Manufacturing, Inc.
2024287108	Great Plains Manufacturing, Inc.
2025200693	COOPERVISION INTERNATIONAL LIMITED
2025200871	SYSTEMS IP PTY LTD
2025202155	Leadfarm (Australia) Pty Ltd
2025202188	TOWER GARAGE DOORS PTY LTD

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2021473165	2022222816	2023202982	2019389263	2020215227	2019310312
2022211175	2022273061	2023216895	2020287907	2020273608	<u>B01D 39 /-</u>
2022214501	<u>A61K 9 /-</u>	2023251451	2022348561	<u>A62B 18 /-</u>	2019310312
2022263564	2019228925	2024202623	2023203924	2019374670	2020219701
2023226676	2019287621	<u>A61M 60 /-</u>	2023206175	<u>A62B 21 /-</u>	<u>B01D 46 /-</u>
<u>A61K 39 /-</u>	2019312589	2023210552	<u>A61P 31 /-</u>	2020251514	2019310312
2018261951	2019316575	2024201505	2018360288	<u>A62B 7 /-</u>	2019398798
2018265261	2019359458	<u>A61N 1 /-</u>	2019231652	2019374670	2021378060
2018269194	2019362880	2022258017	2019295497	2020251514	<u>B01D 53 /-</u>
2018274749	2020223441	2022273276	2019311117	<u>A62B 9 /-</u>	2019310312
2018290250	2021394243	2023200208	2019362880	2019374670	2021414090
2018360288	2022215411	2023203034	2019383549	<u>A62B 17 /-</u>	<u>B01D 5 /-</u>
2018368786	2023204134	2023203745	2020259908	2025200871	2020251514
2018378812	<u>A61L 2 /-</u>	<u>A61N 5 /-</u>	2021272252	<u>A63B 24 /-</u>	<u>B01D 53 /-</u>
2019231652	2019310577	2019378060	2021473165	2021205818	2020203540
2019234194	2019357757	2019391398	2022263564	<u>A63B 47 /-</u>	2021414090
2019243443	<u>A61L 27 /-</u>	2020293261	2023204220	2023210546	2023288537
2019295495	2020340547	2023222972	<u>A61P 33 /-</u>	<u>A63B 53 /-</u>	<u>B01F 23 /-</u>
2019295496	<u>A61L 31 /-</u>	<u>A61P 1 /-</u>	2022292722	2023210546	2023282213
2019295497	2020298762	2020259908	<u>A61P 35 /-</u>	<u>A63B 57 /-</u>	<u>B01F 33 /-</u>
2019316575	<u>A61M 1 /-</u>	2021289122	2018269194	2021205818	<u>B01F 35 /-</u>
2019348815	2019346373	2022214501	2018368786	<u>A63B 60 /-</u>	2024202757
2019348975	2020346351	<u>A61P 11 /-</u>	2019359458	2023210546	<u>B01J 21 /-</u>
2020387199	<u>A61L 27 /-</u>	2022348561	2019385397	<u>A63B 71 /-</u>	2023202065
2021260099	2020340547	<u>A61P 13 /-</u>	2020206694	2021205818	<u>B01J 23 /-</u>
2021330067	<u>A61L 31 /-</u>	2020259908	2020315401	<u>A63B 9 /-</u>	<u>B01J 39 /-</u>
2021337718	2020298762	2021289122	2020387199	2025200871	
2022250450	<u>A61M 1 /-</u>	2022214501	2021330067		
2022263564	2019346373	<u>A61P 17 /-</u>	2021337718		
2023202308	2020346351	2020273608	2021394243		
2023204220	<u>A61M 11 /-</u>	2023233141	2022211175		
2023226676	2019312036	<u>A61P 21 /-</u>	2022215411		
<u>A61K 45 /-</u>	2020285714	2019266916	2022361161		
2020387199	<u>A61M 15 /-</u>	2022348561	2023201159		
2021260099	2020285714	2023206175	2023202308		
2021330067	<u>A61M 16 /-</u>	<u>A61P 17 /-</u>	2023203581		
2021473165	2019312036	2020273608	2023204220		
<u>A61K 47 /-</u>	2020285714	2023233141	2024200847		
2018261951	<u>A61M 16 /-</u>	<u>A61P 21 /-</u>	<u>A61P 37 /-</u>		
2018370039	2019360030	2019266916	2019295497		
2018378812	2019374670	2020287907			
2019287621	2019391186				
2019312589	2019396749				
2019316575	2020251514				
2020223441					
2021330067					
2021337718					
2021394243					

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2024278466	2023202331	2023274167	<u>B60W 40 /-</u>	2019336049	2019322936
<u>B01L 3 /-</u>	<u>B25F 1 /-</u>	<u>B32B 3 /-</u>	2022296455	<u>B65D 77 /-</u>	<u>C01G 51 /-</u>
2023222979	2023202331	2023274167	<u>B60W 60 /-</u>	2019314417	2019322936
<u>B02C 17 /-</u>	<u>B25F 5 /-</u>	<u>B32B 37 /-</u>	2024200010	<u>B65D 85 /-</u>	<u>C02F 1 /-</u>
2019327451	2023202331	2020213717	<u>B61D 45 /-</u>	2019314417	2019295782
<u>B05B 17 /-</u>	<u>B25J 5 /-</u>	<u>B33Y 10 /-</u>	2020228977	2022361782	2020300849
2019312036	2019387017	2020392121	<u>B62B 5 /-</u>	<u>B65G 1 /-</u>	2022300453
<u>B05C 17 /-</u>	<u>B28B 1 /-</u>	<u>B33Y 80 /-</u>	2023201924	2022310121	<u>C02F 11 /-</u>
2022337278	2019378060	2019310312	<u>B62D 1 /-</u>	<u>B66B 1 /-</u>	2023202065
<u>B07B 1 /-</u>	<u>B29B 17 /-</u>	2020340547	2021416210	2020451874	<u>C02F 3 /-</u>
2021232784	2022345878	<u>B42D 25 /-</u>	<u>B62D 113 /-</u>	2022250705	2019351725
<u>B09B 3 /-</u>	<u>B29C 33 /-</u>	2020269835	2021416210	2022251678	<u>C03B 19 /-</u>
2022264512	2023274167	2023216780	<u>B44D 3 /-</u>	<u>B66B 5 /-</u>	2021339001
<u>B21D 1 /-</u>	<u>B29C 43 /-</u>	2022315487	<u>B62D 119 /-</u>	2022251678	<u>C03B 20 /-</u>
2019202238	2022261121	<u>B60J 7 /-</u>	2021416210	<u>B66B 9 /-</u>	2021339001
<u>B21D 15 /-</u>	<u>B29C 45 /-</u>	2019370616	<u>B62D 15 /-</u>	2020451874	<u>C04B 28 /-</u>
2021349862	2022261121	<u>B60K 1 /-</u>	2021416210	<u>B66F 9 /-</u>	2020293083
<u>B21D 17 /-</u>	<u>B29C 48 /-</u>	2019227644	<u>B62D 5 /-</u>	2020202311	<u>C04B 41 /-</u>
2021349862	2024200510	<u>B60L 50 /-</u>	2021416210	<u>B67D 1 /-</u>	2020251185
<u>B22F 1 /-</u>	<u>B29C 49 /-</u>	2019227644	<u>B62D 6 /-</u>	2020223491	<u>C04B 9 /-</u>
2020269835	2019291939	<u>B60L 53 /-</u>	2021416210	<u>B67D 7 /-</u>	2020293083
<u>B22F 9 /-</u>	2020228633	2019227644	<u>B62K 23 /-</u>	2022435286	<u>C05F 11 /-</u>
2020269835	<u>B29C 53 /-</u>	2019227644	2020278254	<u>B82Y 40 /-</u>	2019282673
<u>B23K 35 /-</u>	2019291939	<u>B60L 58 /-</u>	<u>B62L 3 /-</u>	2021394243	<u>C06B 21 /-</u>
2020269275	<u>B29C 59 /-</u>	2019227644	2020278254	<u>C01B 15 /-</u>	2020271407
<u>B23K 9 /-</u>	2023274167	<u>B60N 2 /-</u>	<u>B63C 11 /-</u>	2019357757	<u>C06B 45 /-</u>
2019202238	2024200510	2022300303	2019374670	<u>C01B 23 /-</u>	2020271407
<u>B23Q 17 /-</u>	2019378060	2023248163	<u>B63C 9 /-</u>	2020203540	<u>C07C 1 /-</u>
2024204139	<u>B29D 1 /-</u>	<u>B60P 1 /-</u>	2019360371	<u>C01B 3 /-</u>	2021446056
<u>B23Q 3 /-</u>	2020213717	<u>B60P 7 /-</u>	2020218511	2022300453	<u>C07C 13 /-</u>
2024204139	<u>B29D 11 /-</u>	2020228977	<u>B63H 16 /-</u>	<u>C01B 32 /-</u>	2020267355
<u>B24B 23 /-</u>	2020245253	<u>B60R 11 /-</u>	2020220101	2023288537	<u>C07C 213 /-</u>
2019222831	<u>B29D 7 /-</u>	2020339715	<u>B64D 33 /-</u>	<u>C01F 17 /-</u>	2020223101
<u>B25B 19 /-</u>	2019291939	<u>B60R 13 /-</u>	2020203920	2020210980	<u>C07C 217 /-</u>
2023202331	<u>B32B 15 /-</u>	2023241300	<u>B64F 1 /-</u>	<u>C01G 31 /-</u>	2020223101
<u>B25B 23 /-</u>	2022248122	<u>B60R 19 /-</u>	2019387017	2024278466	<u>C07C 231 /-</u>
2023210565	<u>B32B 27 /-</u>	2020202311	<u>B65D 63 /-</u>	<u>C01G 37 /-</u>	2020223101
<u>B25B 27 /-</u>	2020245443	<u>B60R 9 /-</u>	2024200510	2019322936	<u>C07C 233 /-</u>
		2019370616	<u>B65D 75 /-</u>	<u>C01G 49 /-</u>	2020223101

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<u>C07C 237 I/-</u>	<u>C07D 487 I/-</u>	2018269194	<u>C08K 3 I/-</u>	<u>C11D 1 I/-</u>	<u>C12P 19 I/-</u>
2020223101	2019389263	2018274749		2019401274	2019274939
<u>C07C 45 I/-</u>	2019413360	2018280683	2020269835	<u>C11D 11 I/-</u>	2023200806
	2020315401	2019214280			2023210526
2019401274	<u>C07D 491 I/-</u>	2019279883	<u>C08L 67 I/-</u>	2023203973	<u>C12P 21 I/-</u>
<u>C07C 51 I/-</u>		2019295495	2024200510	<u>C11D 17 I/-</u>	2019295495
	2020315401	2019295496		2023203973	2019295496
2020214469	<u>C07D 495 I/-</u>	2019295497	<u>C09D 11 I/-</u>		2019300837
		2019348815	2019401274	<u>C11D 3 I/-</u>	2022250450
<u>C07C 55 I/-</u>	2020315401	2019348975	2020269835		
		2020387199		<u>C12Q 1 I/-</u>	
2022348561	<u>C07D 498 I/-</u>	2021208790	<u>C09D 133 I/-</u>	2023203973	2018258466
		2021330067		<u>C12M 1 I/-</u>	2019235923
<u>C07C 67 I/-</u>	2020315401	2022263564	2022337152		2019274939
		2022292722	<u>C09D 181 I/-</u>	2019351725	2019394810
2020214469	<u>C07F 5 I/-</u>	2023201159		2020215640	2020215640
<u>C07C 69 I/-</u>	2020223101	2023204220	2019440156	2023200806	2021252396
	2023282291	2023226676		<u>C12M 3 I/-</u>	2022200179
2020214469		2024200847	<u>C09D 4 I/-</u>		2022203239
<u>C07D 203 I/-</u>	<u>C07H 13 I/-</u>		2022337152	2023200806	2022211175
	2019300161	<u>C07K 19 I/-</u>		2023222979	2022214501
2019310577		2019231652	<u>C09D 5 I/-</u>	<u>C12N 1 I/-</u>	2022220987
<u>C07D 241 I/-</u>	<u>C07H 17 I/-</u>		2020269835	2019282673	2023200499
	2019383549	<u>C07K 7 I/-</u>			2023200806
2019393818		2019380798	<u>C09D 7 I/-</u>	<u>C12N 15 I/-</u>	2023210526
<u>C07D 249 I/-</u>	<u>C07H 21 I/-</u>	2019386379	2020269835		
		2021289122		2018378812	2019282673
2020267355	2019282673	<u>C08F 2 I/-</u>	<u>C09J 11 I/-</u>	2018379426	<u>C21B 13 I/-</u>
	2021260099	2022337152		2019209002	
<u>C07D 285 I/-</u>	2023201159	<u>C08F 22 I/-</u>	2020233571	2019215464	2021446056
				2019295495	
2019410716	<u>C07H 23 I/-</u>	2024278466	<u>C09J 9 I/-</u>	2019295496	<u>C22B 3 I/-</u>
	2022361161	<u>C08F 220 I/-</u>	2020233571	2019295497	
<u>C07D 401 I/-</u>	<u>C07J 61 I/-</u>	2022337152	<u>C09K 11 I/-</u>	2019358238	2020210980
	2020205368	<u>C08F 222 I/-</u>		2021260099	2024278466
2019393818	<u>C07J 63 I/-</u>	2024278466	2020233571	2021369480	<u>C22B 34 I/-</u>
2020206694			2023203991	2022203239	
2022348561			<u>C09K 8 I/-</u>	2022220987	2024278466
<u>C07D 403 I/-</u>	2020205368	<u>C08F 265 I/-</u>	2019477646	2023200499	<u>C22B 59 I/-</u>
	<u>C07K 1 I/-</u>	2022337152	<u>C10G 29 I/-</u>	2023226676	
2019393818				<u>C12N 5 I/-</u>	2020210980
2020206519	2018304867	<u>C08G 61 I/-</u>	2021363268		<u>C22C 1 I/-</u>
<u>C07D 409 I/-</u>	2022221475	2023203991	<u>C10G 45 I/-</u>	2018368786	
	<u>C07K 14 I/-</u>	<u>C08G 63 I/-</u>		2019243443	2020269275
2019300161		2020214469	<u>C10G 69 I/-</u>	2019266916	
<u>C07D 413 I/-</u>	2018258466	2024200510		2019295495	<u>C22C 21 I/-</u>
	2019231652		2021363268	2019295496	
2019393818	2019295495	<u>C08G 65 I/-</u>	2021363268	2019295497	2020366133
<u>C07D 417 I/-</u>	2019295496	2019401274	<u>C10K 3 I/-</u>	2019312589	
	2019295497	<u>C08J 11 I/-</u>		<u>C12N 7 I/-</u>	<u>C22C 29 I/-</u>
2019393818	2019347751	2020214469	2023202065	2019295495	
<u>C07D 471 I/-</u>	2019348975	<u>C08J 5 I/-</u>	<u>C10L 5 I/-</u>	2019295496	2020269275
	2019358324	2019291939		2019295497	<u>C22C 32 I/-</u>
2019311117	2019386379	<u>C08J 7 I/-</u>	<u>C10M 175 I/-</u>		
2019413360	2020223149			<u>C12N 9 I/-</u>	2020269275
2019413683	2021369480	2023274167	2022264512	2018290250	<u>C22C 33 I/-</u>
2020315401	2022234333		2023202065	2019300837	
2022364034	2023201620			2019386379	2020269275
<u>C07D 475 I/-</u>	2023226676			2022221475	
	<u>C07K 16 I/-</u>			2022250450	<u>C22C 38 I/-</u>
2019413683	2018261951		2020219701	2023201620	
	2018265261				2020269275

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<u>C23C 24 /-</u>	2023282176	<u>E05D 13 /-</u>	2021447431	<u>F16K 5 /-</u>	<u>F24F 11 /-</u>
2020269275	<u>E01B 9 /-</u>	2019250102	<u>E21B 49 /-</u>	2021411869	2022267164
<u>C23C 28 /-</u>	2023282176	<u>E05D 15 /-</u>	2020425706	<u>F16L 11 /-</u>	<u>F25B 21 /-</u>
2022248122	<u>E01C 23 /-</u>	2019250102	<u>E21B 7 /-</u>	2019291939	2020263223
<u>C23C 30 /-</u>	2019280250	2025202188	2020202150	<u>F16L 17 /-</u>	<u>F25B 41 /-</u>
2019387017	2022454784	<u>E06B 3 /-</u>	2020425706	2022203227	2021453694
2020269275	<u>E01H 11 /-</u>	2019250102	<u>E21D 20 /-</u>	<u>F16L 21 /-</u>	<u>F25D 31 /-</u>
<u>C23F 11 /-</u>	<u>E01H 11 /-</u>	2025202188	2021404990	2022203227	2020263223
2020251185	2019303912	<u>E06B 9 /-</u>	<u>E21D 21 /-</u>	<u>F16L 27 /-</u>	<u>F25J 3 /-</u>
<u>C25B 1 /-</u>	<u>E01H 15 /-</u>	2019373574	2021404990	2022203227	2020203540
2019322936	2023269144	2024203516	<u>F01K 25 /-</u>	<u>F16L 3 /-</u>	<u>F27B 1 /-</u>
2019357757	<u>E02D 27 /-</u>	<u>E21B 17 /-</u>	2021404034	2021372970	2021429382
2019408844	2020272706	2020426058	<u>F02C 7 /-</u>	<u>F16L 37 /-</u>	<u>F27B 3 /-</u>
2021446056	<u>E02F 3 /-</u>	2021236050	2020203920	2022203227	2021429382
2022300453	2019280250	2020224694	<u>F02M 26 /-</u>	<u>F16L 47 /-</u>	<u>F27D 1 /-</u>
<u>C25B 11 /-</u>	2023201632	<u>E21B 21 /-</u>	2022261529	2022203227	2021429382
2019322936	2024204745	2019477646	<u>F03B 13 /-</u>	<u>F16L 5 /-</u>	<u>F27D 9 /-</u>
<u>C25B 15 /-</u>	2024287106	2020293054	2019232951	2021372970	2021429382
2022300453	2024287108	<u>E21B 23 /-</u>	<u>F04D 27 /-</u>	<u>F16M 11 /-</u>	<u>F28B 1 /-</u>
<u>C25B 9 /-</u>	<u>E02F 5 /-</u>	2020455342	2022267164	2024201020	2020251514
2019408844	<u>E02F 9 /-</u>	<u>E21B 31 /-</u>	<u>F15B 11 /-</u>	<u>F16M 13 /-</u>	<u>F28B 9 /-</u>
2022300453	2020294402	2021236050	2022259240	2024201020	2020251514
<u>D06F 34 /-</u>	2024204745	<u>E21B 33 /-</u>	<u>F15B 13 /-</u>	<u>F17C 1 /-</u>	<u>F28D 1 /-</u>
2022305403	2024287106	2019288151	2022259240	2023274107	2020251514
<u>D06F 58 /-</u>	2024287108	2019440156	<u>F16B 17 /-</u>	<u>F21S 4 /-</u>	<u>F42C 19 /-</u>
2022305403	<u>E04B 1 /-</u>	2020455342	2021232784	2020293261	2023219943
2023214251	2019280441	2021353037	<u>F16B 19 /-</u>	<u>F21V 15 /-</u>	<u>G01C 21 /-</u>
<u>D07B 1 /-</u>	2020200879	<u>E21B 34 /-</u>	2021232784	2020293261	2024203080
2019291191	2020272706	<u>E21B 41 /-</u>	<u>F16B 21 /-</u>	<u>F21V 23 /-</u>	<u>G01F 1 /-</u>
2019291192	2020312071	2020425706	2021232784	2023263569	2023202614
2019291193	<u>E04B 2 /-</u>	2020426058	<u>F16B 5 /-</u>	<u>F21V 33 /-</u>	<u>G01J 3 /-</u>
2019291194	2020272706	2019288151	2019421529	2023210565	2019393832
2019291195	2020272706	2021353037	2021232784	<u>F21V 5 /-</u>	2022315487
<u>D21B 1 /-</u>	<u>E04F 11 /-</u>	<u>E21B 44 /-</u>	2023206226	2023210565	<u>G01J 9 /-</u>
2022345878	2020254705	2020202150	<u>F16J 1 /-</u>	<u>F23J 15 /-</u>	2019393832
<u>D21C 5 /-</u>	<u>E04F 15 /-</u>	2020425706	2024202623	2021414090	<u>G01L 5 /-</u>
2022345878	2019421529	<u>E21B 43 /-</u>	<u>F16K 27 /-</u>	<u>F24F 1 /-</u>	2020294402
<u>D21C 9 /-</u>	<u>E04G 13 /-</u>	2019288151	2021411869	2022267164	2024204139
2022345878	2020254705	2019473414	<u>G01M 5 /-</u>		
<u>E01B 27 /-</u>	<u>E04G 15 /-</u>	2019477646			
2020280667	2019280441	2020455342			
<u>E01B 3 /-</u>	<u>E04H 15 /-</u>	<u>E21B 47 /-</u>			
2023282176	2025200871	2020202150			
<u>E01B 7 /-</u>		2020425706			
		2020426058			
		2020455342			

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2020294402	2019380709 2020339715	2021460191	2019383973 2024200010	<u>H02J 7 /-</u>	2020267138
<u>G01N 21 /-</u>	<u>G02B 1 /-</u>	<u>G06N 20 /-</u>		2022309907	<u>H04N 19 /-</u>
2020414266		2018204669	<u>G10K 11 /-</u>	2023270237	2020226567
2022315487	2020297348	2024201950	2020315452	2024201157	2020226573
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2023204389	<u>G06F 1 /-</u>	2023258408	<u>H01M 8 /-</u>	2022250568	2020315452
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<u>G01S 13 /-</u>	<u>G06F 9 /-</u>	<u>G07F 13 /-</u>	2023379420	2021478814	2022421217
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2019380709					
2021205818					
<u>G01S 7 /-</u>					

Applications Accepted - IPC Index cont'd

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2022334229
2024202383

H04W 74 /-

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H04W 84 /-

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H05B 47 /-

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H05K 7 /-

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H10F 10 /-

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H10F 19 /-

2023233146

H10F 77 /-

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2023233146

H10K 50 /-

2020253966

H10K 99 /-

2022259812

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2022381709 **BTL HEALTHCARE TECHNOLOGIES A.S.** (EBOS
Aesthetics Pty Limited)

Patents Granted**Standard Patents**

2016427822	2016432602	2017228413	2017331362
2017334047	2017364818	2017373945	2017380842
2017380871	2017382251	2017382271	2017384126
2018205763	2018212778	2018215673	2018230478
2018232896	2018241248	2018251210	2018260901
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2018394928	2018395100	2018404855	2018424263
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Patents Granted**Standard Patents**

2020218908	2020219049	2020221689	2020222814
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2023203809	2023203908	2023204009	2023204106
2023204230	2023204391	2023204407	2023204609

Patents Granted

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2023206105	2023206183	2023206204	2023208089
2023208207	2023209834	2023210307	2023210635
2023211553	2023214262	2023214330	2023214358
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2023242776	2023248195	2023254885	2023254926
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2023275836	2023282299	2023283691	2023339437
2023351339	2023375283	2023375287	2024200007
2024200109	2024200232	2024200246	2024200767
2024200787	2024200877	2024200910	2024201133
2024201331	2024202964	2024203082	2024203959
2024205510	2024226438	2024227221	2024227224
2024227448	2024259832	2024264589	2024287133

Revocation

It is hereby notified that the offer by the Patentee **Zoetis Services LLC** to surrender Patent 2019200943 which was advertised in the Official Journal of 03.04.2025 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

2009323922 Centre National De La Recherche Scientifique; Ecole Polytechnique; Total Marketing Services The patent has been assigned to **Centre National De La Recherche Scientifique; Ecole Polytechnique; TotalEnergies OneTech**

2009344374 Natac Pharma S.L. The patent has been assigned to **Innovaoleo, SLU**

2010203401 ViaSat, Inc. The patent has been assigned to **Snappi, Inc.**

2010288392 Ecole Polytechnique; Centre National De La Recherche Scientifique; Total Marketing Services The patent has been assigned to **Ecole Polytechnique; Centre National De La Recherche Scientifique; TotalEnergies OneTech**

2010288393 Centre National De La Recherche Scientifique; Total Marketing Services; Ecole Polytechnique The patent has been assigned to **Centre National De La Recherche Scientifique; Ecole Polytechnique; TotalEnergies OneTech**

2010331900 Centre National de la Recherche Scientifique; Ecole Polytechnique; Total Marketing Services The patent has been assigned to **Centre National de la Recherche Scientifique; Ecole Polytechnique; TotalEnergies OneTech**

2012357017 Ecole Polytechnique; Total Marketing Services; Centre National de la Recherche Scientifique The patent has been assigned to **Ecole Polytechnique; Centre National de la Recherche Scientifique; TotalEnergies OneTech**

2014260529 Xeicle Limited The patent has been assigned to **Open Cycle Limited**

2014334997 Kalkman IP B.V. The patent has been assigned to **Franklin Offshore International Pte. Ltd**

2015246007 Roots Sustainable Agricultural Technologies Ltd. The patent has been assigned to **Opticrop (Israel) Ltd.**

2015324067 Avery Dennison Corporation The patent has been assigned to **FERM RFID Solutions BV**

2015409179 ViaSat, Inc. The patent has been assigned to **Snappi, Inc.**

Assignments Registered

2015412569 ViaSat, Inc. The patent has been assigned to **Snappi, Inc.**

2015413329 ViaSat, Inc. The patent has been assigned to **Snappi, Inc.**

2016317736 ViaSat, Inc. The patent has been assigned to **Snappi, Inc.**

2016323992 Organovo, Inc. The patent has been assigned to **Eli Lilly and Company**

2016326685 ViaSat, Inc. The patent has been assigned to **Snappi, Inc.**

2016364922 ViaSat, Inc. The patent has been assigned to **Snappi, Inc.**

2017276473 Suzhou Connect Biopharmaceuticals, Ltd The patent has been assigned to **CONNECT BIOPHARMA HONGKONG LIMITED**

2018201265 Kalkman IP B.V. The patent has been assigned to **Franklin Offshore International Pte. Ltd**

2018236275 Organovo, Inc. The patent has been assigned to **Eli Lilly and Company**

2018247142 Trivikram The patent has been assigned to **ABM RESPIRATORY CARE PTE. LTD.**

2018293589 BHE Turbomachinery, LLC The patent has been assigned to **Obermeyer, Henry**

2019257446 Avery Dennison Corporation The patent has been assigned to **FERM RFID Solutions BV**

2022205151 ViaSat, Inc. The patent has been assigned to **Snappi, Inc.**

2022434174 ZENITHINGS SHENZHEN CO., LTD. The patent has been assigned to **Haikou Reland Enterprise Management Co., Ltd.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2012340159 **Ainylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Jun 2024

For the goods AMVUTTRA vutrisiran

Extension of Term of patent pursuant to Section 77 expires on 16 Nov 2037

2015274482 **RA Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Aug 2024

For the goods ZILBRYSQ zilucoplan (as tetrasodium)

Extension of Term of patent pursuant to Section 77 expires on 20 Aug 2039

2017225076 **Ainylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Jun 2024

For the goods AMVUTTRA vutrisiran

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

Extension of Term of patent pursuant to Section 77 expires on 16 Nov 2037

2019200828 **RA Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Aug 2024

For the goods ZILBRYSQ zilucoplan (as tetrasodium)

Extension of Term of patent pursuant to Section 77 expires on 20 Aug 2039

2019240658 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Jun 2024

For the goods AMVUTTRA vutrisiran

Extension of Term of patent pursuant to Section 77 expires on 16 Nov 2037

2021204313 **RA Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Aug 2024

For the goods ZILBRYSQ zilucoplan (as tetrasodium)

Extension of Term of patent pursuant to Section 77 expires on 20 Aug 2039

Corrigenda

In Vol 35 , No 27 , Page(s) 5556 under the heading **Complete Applications Filed - Name Index** Delete all reference to 2021204125

In Vol 57 , No 3 , Page(s) 245 under the heading **Applications OPI - Name Index** Delete all reference to 2021204125.

In Vol 59 , No 19 , Page(s) 2702 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name BENTLEY SYSTEMS, INCORPORATED, Application No. 2023376765, under INID (54) correct the title to read SYSTEMS, METHODS, AND MEDIA FOR AUTOMATICALLY TRANSFORMING TEXTUAL DATA, REPRESENTING AN IMAGE, INTO P&ID COMPONENTS

In Vol 59 , No 20 , Page(s) 2798 under the heading **Complete Applications Filed - Name Index** Under the name Socit des Produits Nestl S.A., Application No. 2025203141, under INID (71) correct the applicant name to Société des Produits Nestlé S.A.

Specifications Republished

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

2018270961 **Daiichi Sankyo Company, Limited**
 2020217185 **Toray Industries, Inc.**
 2020276402 **Rabhi, V.**