



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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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 22 Apr 2025 .

(71) AEROQUAL LIMITED (21) 2025901427 (22) 23.04.2025 (54) ADSORBENT-BASED GAS SENSING SYSTEM	(71) Ashymoto Investments Pty Ltd (21) 2025901479 (22) 25.04.2025 (54) A plastic profile forming mould for a construction joint between concrete slabs	ligence and complex probabilistic behaviours. Applications span quantum computing, economic modelling, AI and dynamic, real-time decision systems across domains.
(71) Algoz Solutions Pty Ltd (21) 2025901417 (22) 23.04.2025 (54) Purification of carotenoids from algae	(71) assuero, c. (21) 2025901494 (22) 27.04.2025 (54) Bubblemit	(71) Campbell, D. (21) 2025901471 (22) 25.04.2025 (54) A unified quantum-cybernetic system combining AI-QPU coprocessors, mesh encryption, digital rights, non-Markovian finance & BCI, all governed by PSG-UPE entropy engines.
(71) Apps, R. (21) 2025901405 (22) 22.04.2025 (54) Personal Flotation Device with Integrated Location Signalling and Safety Features	(71) Berisha, A. (21) 2025901483 (22) 25.04.2025 (54) System and Method for Interactive Augmented Reality Promotional Loyalty and Draw Platform	(71) Campbell, D. (21) 2025901534 (22) 29.04.2025 (54) The Universal Partition Evaluator (UPE) and Partition-Sequence Generator (PSG) framework provides a dynamic, entropy-driven architecture for partitioning and evaluating complex systems across physics, cryptography, finance, AI, and materials science. It enables adaptive system evolution, keyless secure communication, topological information encoding, modular energy tracking, non-Markovian memory control, and emergent simulation dynamics, with direct applications to quantum error correction, disaster mesh networks, and synthetic life modeling.
(71) Apps, J. (21) 2025901518 (22) 28.04.2025 (54) The invention is an adjustable fastening systems, specifically ratcheting fasteners combined with a magnetic release mechanism.	(71) BILGIN, O.S. (21) 2025901420 (22) 23.04.2025 (54) A FITNESS TRACKING AND OPTIMISATION SYSTEM AND METHOD THEREOF	
(71) arab, p. (21) 2025901512 (22) 28.04.2025 (54) "Kibbeh Dome Press Mold for Uniform Food Shaping	(71) blackwood-sewell, m. (21) 2025901473 (22) 25.04.2025 (54) pipette	
Armishaw, M. see Colhoun, M. (21) 2025901430	(71) Brennan, T. (21) 2025901437 (22) 24.04.2025 (54) PROTECTIVE CLOSURE ASSEMBLY	
(71) ARX Global Pty Ltd (21) 2025901486 (22) 26.04.2025 (54) An online software application and marketplace for the management of commercially viable ideas that require proof of ideation, idea documentation segments and a financing vehicle to move the idea to commercial reality.	(71) Burton, C. (21) 2025901488 (22) 26.04.2025 (54) Vehicular torque sensing and learning system for passive control	(71) Captare Pty Ltd (21) 2025901444 (22) 24.04.2025 (54) SYSTEM AND METHOD FOR SELECTIVE PARTICLE REMOVAL AND RELATED SYSTEM AND METHOD OF HAEMODIALYSIS
	(71) Campbell, D. (21) 2025901468 (22) 24.04.2025 (54) A dual layer computational framework which encodes input histories into dynamic memory partitions and evaluates using entropy and graph-based methods. This enables modelling of non-Markovian systems, adaptive intel-	(71) Cargroomers International Pty Ltd (21) 2025901421 (22) 23.04.2025 (54) A CAR WASH SYSTEM

Provisional Applications Filed - Name Index cont'd

(71) Carlos Eduardo Costa Chagas dos Santos (21) 2025901490 (22) 27.04.2025 (54) Method and System for Digital Drillhole Identification and Data Collection Using Machine-Readable Tags and Portable Devices in Underground Mining	(71) Dutton, M. (21) 2025901472 (22) 25.04.2025 (54) Device for connecting cable cores or wires	(71) Haigh, J. (21) 2025901527 (22) 29.04.2025 (54) OSYRA™: Sovereign Credentialing & Compliance Engine for Trust-Governed Onboarding Systems
(71) Chopra, N. (21) 2025901492 (22) 27.04.2025 (54) Systems and Methods for Digital Learning Environments	(71) Event Lighting Pty Ltd (21) 2025901521 (22) 28.04.2025 (54) Powered Audio-Visual Truss	(71) Haigh, J. (21) 2025901528 (22) 29.04.2025 (54) OSYRA™: Sovereign Trust Scoring Engine for Credential-Governed Onboarding Systems
(71) Colhoun, M.; Armishaw, M. (21) 2025901430 (22) 23.04.2025 (54) "Jettison" - wearable temperature controlled garments. "Jettison" is clothing to be worn so the wearer can control the temperature of the garment to their own comfort according to the weather conditions, using neither mechanical nor chemical means. We intend to control the temperature of the Graphene fabric molecules by stimulation or retardation via terahertz (THz) microwaves applied to the fabric with Peltier modules. This is a novel approach for heating and cooling clothing.	(71) Farivar, F.; Salehi, C. (21) 2025901524 (22) 28.04.2025 (54) SmartBuddy - Offline AI Educational Companion System for Children with Customisable Knowledge Base	(71) Haigh, J. (21) 2025901529 (22) 29.04.2025 (54) OSYRA™: Sovereign Contract Dispatch Engine for Trust-Governed Credential Systems
(71) Cosgrove, A. (21) 2025901452 (22) 24.04.2025 (54) Work Platform with Edge Protection	(71) Feline Pty Ltd (21) 2025901510 (22) 28.04.2025 (54) ELECTROCHEMICAL CELL CONFIGURATION	(71) Hammoud, S. (21) 2025901416 (22) 23.04.2025 (54) Modular Scent Diffuser System Integrated into a Decorative Flat Tray
(71) Crosbe Technologies Pty Ltd (21) 2025901419 (22) 23.04.2025 (54) Binder and Method to Produce Rapid Strength Cementitious Products	(71) FORM BRICK PTY LTD (21) 2025901445 (22) 24.04.2025 (54) SINGLE OR LIMITED-USE FORM LINERS FOR BRICK INLAY CONCRETE PANELS	(71) Harris, P. (21) 2025901507 (22) 28.04.2025 (54) Dynamic Recursive Compression Field (DRC Field) for Sovereign Pattern Activation
(71) d'Almeida, S. (21) 2025901499 (22) 27.04.2025 (54) QUADRAVAULT: MULTIMODAL NATURAL ENERGY HARVESTING, STORAGE, DYNAMIC DISTRIBUTION, AND RESONANT FIELD INTEGRATION SYSTEM	(71) Fudge, S. (21) 2025901465 (22) 24.04.2025 (54) Mobile Application for On-Demand Access to Local Gyms Without Memberships	(71) HASTINGS, R. (21) 2025901470 (22) 25.04.2025 (54) Espresso Mentor. Software application that works on your mobile device, computer and smart devices that supports the user to determine the life-cycle, health, costs, concerns, issues or faults within specialized equipment the user determines needs attention. Focused on but limited to coffee industry.
(71) d'Almeida, S. (21) 2025901501 (22) 28.04.2025 (54) CLIFF BREATH ENGINE: FOUR-ELEMENT TERRAIN-OPTIMIZED RENEWABLE ENERGY NODE	(71) Gibb, D. (21) 2025901423 (22) 23.04.2025 (54) Wearable health monitoring and diagnostic device	(71) Heatseeker Technologies Pty Ltd (21) 2025901515 (22) 28.04.2025 (54) System and method for conducting simulated content experiments using AI-generated personas and vector-based semantic modeling
(71) Davidson, F. (21) 2025901415 (22) 23.04.2025 (54) Method and Apparatus for Priming Diesel Engines	(71) Goodman, M. (21) 2025901434 (22) 24.04.2025 (54) NanoFusion Follicle Integration System (NF-FIS)	HJORTFLOD, K. see TANNOS, G. (21) 2025901503
(71) Dennison, D. (21) 2025901463 (22) 24.04.2025 (54) Wildfire Forecasting System	(71) Gray, D. (21) 2025901500 (22) 28.04.2025 (54) Infinite Codex System-A Universal Resonance Energy System for Modulating, Amplifying, and Transmitting Energy Across Organic, Electronic, and Emerging Technologies.	Horan, D. see Phillips, J. (21) 2025901478
	(71) Haigh, J. (21) 2025901526 (22) 29.04.2025 (54) OSYRA™: Sovereign Autonomous Recruitment Engine for Trust-Governed Onboarding Systems	(71) Imani, A. (21) 2025901441 (22) 24.04.2025 (54) Title of Invention SlideSecure: A Telescopic Portable Locking Device with Integrated Bluetooth-Based Intrusion Detection for Sliding Doors and Windows.

Provisional Applications Filed - Name Index cont'd

(71) Immunosis Pty Ltd
(21) 2025901457 (22) 24.04.2025
(54) Optimised method of determining immune disorders

(71) Innovative Blasting Technologies Pty Ltd
(21) 2025901508 (22) 28.04.2025
(54) AN OPTICAL DRILL RIG ALIGNMENT AND TRAJECTORY SYSTEM

(71) Intellectica Pty Ltd
(21) 2025901541 (22) 29.04.2025
(54) BACTERIAL ISOLATE AND SUPPLEMENT PREPARATION

(71) JAVADI, M.
(21) 2025901519 (22) 28.04.2025
(54) Nanotechnology-Enhanced 3D-Printed Dental Devices Incorporating Bee Venom and Graphene Oxide for Antibacterial and Regenerative Applications

(71) Jessep, O.
(21) 2025901459 (22) 24.04.2025
(54) Real-Time Cannabis Impairment Detection Using Epigenetic Biomarkers

(71) johnson, m.
(21) 2025901481 (22) 25.04.2025
(54) Mountable / Portable outdoor shower device Description: This invention relates to a mountable outdoor shower head system that connects to a standard hose inlet, designed for versatility, portability, and ease of use—especially in camping, outdoor, or off-road settings. The device consists of a durable, weather-resistant shower head unit capable of being securely mounted to a range of surfaces such as home exteriors (e.g., fences or brick walls), timber structures, or it can be a mobile device that can attach to automotive components (e.g., roof racks of utes, vans, or off-road vehicles). The s

(71) Johnston, T.
(21) 2025901487 (22) 26.04.2025
(54) Magnetically assisted tool retention system for plastering/Rendering hawk

(71) Jung, Y.
(21) 2025901497 (22) 27.04.2025
(54) System and Method for Romantic Matchmaking Using Language Style Matching and Psychological Compatibility Scoring

(71) Kashani, S.
(21) 2025901460 (22) 24.04.2025
(54) Receiving an Electronic Prescription at a Pharmacy

(71) Kent, R.
(21) 2025901535 (22) 29.04.2025
(54) Portable and Stationary Smart Mirror with Touchscreen Zoom, Reflection Sharpening, Adjustable Lighting, Camera Recording, and Travel-Ready or Vanity-Mounted Designs

(71) KING, F.
(21) 2025901436 (22) 24.04.2025
(54) Method and system for application of silicone using a drone

(71) LD Irrigation Services
(21) 2025901474 (22) 25.04.2025
(54) Wireless Soil Monitoring and Irrigation Optimisation System with AI-Driven Scheduling and Cloud-Integrated Analysis

(71) LD Irrigation Services
(21) 2025901475 (22) 25.04.2025
(54) Wireless Soil Sensor System for AI-Based Irrigation Optimisation and Environmental Monitoring

(71) Lennon, M.
(21) 2025901448 (22) 24.04.2025
(54) Compact Glass Bottle Crushing Device with Manual and Electric Operation Options

(71) LOCATA CORPORATION PTY LTD
(21) 2025901440 (22) 24.04.2025
(54) Apparatus and Methods for Monitoring Deflection of a Structural Element

(71) Long Term Australia Pty Ltd
(21) 2025901523 (22) 28.04.2025
(54) Removing melted fat from broth

(71) Mackay, M.
(21) 2025901513 (22) 28.04.2025
(54) Electromagnetic Piston Engine for Zero-Emission Mechanical Propulsion

(71) MANSON ANCHORS LIMITED
(21) 2025901451 (22) 24.04.2025
(54) CHAIN DISTRIBUTING SYSTEM

(71) MANSON ANCHORS LIMITED
(21) 2025901458 (22) 24.04.2025
(54) SPOOLING WINCH FOR MARINE APPLICATIONS

(71) McClenaghan, R.
(21) 2025901469 (22) 25.04.2025
(54) LUX BAG: A HANDBAG THAT CONTAINS AN INTERIOR LIGHT OR INTERIOR LIGHTS

(71) MCINNES MANUFACTURING LIMITED
(21) 2025901428 (22) 23.04.2025
(54) Artificial Teat

(71) McLoughlin, A.
(21) 2025901438 (22) 24.04.2025
(54) SAFECLIP

(71) Metro Power Company Pty Ltd
(21) 2025901455 (22) 24.04.2025
(54) SINGLE AXIS SOLAR TRACKING SYSTEM, COMPONENTS AND METHOD OF INSTALLATION

(71) Migroo Pty Ltd.
(21) 2025901482 (22) 25.04.2025
(54) Artificial Intelligence System for Scoring, Enhancing, and Ensuring Consistency in Relationship Statements and Supporting Documentation for Partner Visa Applications

(71) Monash University; The Walter and Eliza Hall Institute of Medical Research
(21) 2025901425 (22) 23.04.2025
(54) Structurally constrained antibodies

(71) Morehouse, D.J.
(21) 2025901525 (22) 29.04.2025
(54) Thermal Insulation System for Window Frames

(71) Muteir, I.
(21) 2025901491 (22) 27.04.2025
(54) Muteir Autonomic Profile (MAP) Diagnostic and Severity Scoring System for Phenotyping and Assessing Burden in Postural Orthostatic Tachycardia Syndrome (POTS)

(71) Nero, A.
(21) 2025901431 (22) 23.04.2025
(54) Voice Task Output (VTO) System – A Context-Aware Voice-to-Action Engine for Professionals

(71) neshat, m.
(21) 2025901446 (22) 24.04.2025
(54) High-Performance Teflon-Based Epoxy Coating for Industrial Wear Applications

Provisional Applications Filed - Name Index cont'd

(71) NeuOrphan Pty Ltd
(21) 2025901533 (22) 29.04.2025
(54) NOVEL TREATMENTS FOR DEMY-
ELINATING DISORDERS

(71) NewSouth Innovations Pty Limited
(21) 2025901454 (22) 24.04.2025
(54) Communication apparatus in doubly
dispersive channel environment

(71) NewSouth Innovations Pty Limited
(21) 2025901461 (22) 24.04.2025
(54) A miniature transformable multi-modal
stereo endoscope for minimally invas-
ive surgery

(71) Nikitin, J.
(21) 2025901426 (22) 23.04.2025
(54) Respiratory headgear

(71) Noussair, M.
(21) 2025901498 (22) 27.04.2025
(54) Nutritional Infant Formula Composi-
tion Free from Seed Oils Incorporating
Coconut Oil, Olive Oil, and Fish Oil for
Essential Fatty Acid Delivery

(71) Nunhems Netherlands B.V.
(21) 2025901516 (22) 28.04.2025
(54) Lettuce Variety NUN 00382 LTL

(71) Paddock Bay Holdings Pty Ltd
(21) 2025901467 (22) 24.04.2025
(54) Access Tower

(71) Park, H.N.
(21) 2025901496 (22) 27.04.2025
(54) Wearable AI Communication Assistant

(71) Pearson, T.
(21) 2025901517 (22) 28.04.2025
(54) protective pad and tension system for
smooth drum rollers.

(71) Peters, M.
(21) 2025901435 (22) 24.04.2025
(54) CryptoReflex™: Sovereign AI Reflex
Enforcement System for Cryptocur-
rency, Blockchain, and Tokenized As-
set Protection at Hypersonic Extreme
Quantum Speed

(71) Phillips, J.; Horan, D.
(21) 2025901478 (22) 25.04.2025
(54) Gear pump arrangement

(71) pinckham, k.
(21) 2025901531 (22) 29.04.2025
(54) Self-Sustaining Energy-Harvesting Flow
Control System ("Steben Valve")

(71) PSLOOP HOLDINGS PTY LTD
(21) 2025901466 (22) 24.04.2025
(54) System and Method for Discrete Detec-
tion and Reasoning of Employee Beha-
vioural Drift Using Multi-Source Enter-
prise Data

(71) Queensland University of Technology
(21) 2025901443 (22) 24.04.2025
(54) Methods for degrading fluorochemicals

(71) Ranabhat, S.
(21) 2025901433 (22) 23.04.2025
(54) Snack Packet with Integrated Dispos-
able Gloves

(71) Raza, A.
(21) 2025901511 (22) 28.04.2025
(54) Safety-First Navigation Platform for
Trucks, Caravans, and Heavy Vehicles
Featuring Real-Time Clearance Warn-
ings, Driver-Reported Hazards, Weath-
er Alerts, Compliance Mapping, Fuel
and Weigh Stations, and Rental Fleet
Integration

(71) Reconnectse Pty Ltd
(21) 2025901411 (22) 22.04.2025
(54) Integrated Ethical, Predictive and Con-
nected Intelligence System - Recon-
nectse Ecosystem

(71) Reconnectse Pty Ltd
(21) 2025901429 (22) 23.04.2025
(54) Ethical and Adaptive Emotional AI Ar-
chitecture Integrated with Predictive Se-
curity and Regenerative AI Ecosystem
– ReConnectSe powered by 4Ai Intelli-
gence

(71) Reconnectse Pty Ltd
(21) 2025901476 (22) 25.04.2025
(54) Integrated Predictive Protection System
via AI in Wearable Devices (LIA Guard-
ian)

(71) Roscioli, E.
(21) 2025901493 (22) 27.04.2025
(54) VertiCyte-Air: A Vertical Air-Liquid Inter-
face (ALI) Cell Culture System for Mod-
elling Barrier Tissues and Regenerative
Applications

(71) Rozkin, K.
(21) 2025901484 (22) 26.04.2025
(54) Submerged Slackline System for Core
Rehabilitation and Balance Training in
Aquatic Therapy

(71) Saccharide Therapeutics Pty Ltd
(21) 2025901453 (22) 24.04.2025
(54) Compounds and methods for treating
disease

(71) Safe Roll Pty. Ltd.
(21) 2025901540 (22) 29.04.2025
(54) AN IMPROVED FLAT HOSE WINDING
DEVICE

Salehi, C. see Farivar, F.
(21) 2025901524

(71) Saluda Medical Pty Limited
(21) 2025901407 (22) 22.04.2025
(54) Improved measurement of evoked re-
sponses to neural stimulation

(71) Sarmandal, A.
(21) 2025901480 (22) 25.04.2025
(54) Consent-Based Fallback Authorization
for Financial Transactions Using Open
Banking Data

(71) Sayers, M.
(21) 2025901439 (22) 24.04.2025
(54) FocusTee™ – Self-Balancing Non-
Ground Inserting Cone-Shaped Golf
Tee for Consistent Height and Inclusive
Use

(71) Schwerdt, K.D.
(21) 2025901464 (22) 24.04.2025
(54) Provisional Patent Application – Sum-
mary Invention Title: Diffuse App –
Real-Time Emotional De-escalation
and Boundary-Setting Tool Inventor
Name: Kym Schwerdt Abstract (under
600 characters): The Diffuse App helps
users manage emotionally charged mo-
ments through real-time conflict detec-
tion, AI-guided de-escalation, bound-
ary-setting tools, and trauma recovery
features including PTSD and addiction
tracking, sponsor sync, and offline sup-
port. Signature and Date: Signed: Kym
Schwerdt Date: 24 April 2025

(71) Scolaro, A.
(21) 2025901489 (22) 26.04.2025
(54) A Mechanical Drive

(71) Sedarex Limited
(21) 2025901422 (22) 23.04.2025
(54) Composition

(71) Sedarex Limited
(21) 2025901424 (22) 23.04.2025
(54) Method of treatment

Provisional Applications Filed - Name Index cont'd

(71) Skram Engineering Pty Ltd
(21) 2025901409 (22) 22.04.2025
(54) CHEMILUMINESCENT LIGHTING DEVICES, SYSTEMS AND METHODS

(71) TANNOS, G.; HJORTFLOD, K.
(21) 2025901503 (22) 28.04.2025
(54) Method and Apparatus for Remotely Stopping A Gutter Outlet

(71) Taylor, M.
(21) 2025901447 (22) 24.04.2025
(54) Zentry: Code-Gated, Time-Boxed, Privacy-Based Communication System for Secure, Temporary Call Access

(71) Taylor, M.
(21) 2025901477 (22) 25.04.2025
(54) System and Method for Time-Gated, Code-Based Communication Routing That Preserves Recipient Privacy

(71) The Kids Research Institute Australia
(21) 2025901502 (22) 28.04.2025
(54) M53369124

(71) The Know Skin Pty Ltd
(21) 2025901504 (22) 28.04.2025
(54) Method for Enhancing Skin Penetration of Vegan Botanical Actives Using Sequential Emulsion Layering. The present invention provides a method for optimising the delivery of vegan botanical active ingredients to the skin by sequentially applying multiple topical formulations, each with distinct functional properties designed to: -Prime the skin -Drive the penetration of actives, -Lock in hydration and active ingredients. This system improves active bioavailability, barrier reinforcement, and results in visibly healthier, more resilient skin.

(71) The University of Melbourne
(21) 2025901413 (22) 23.04.2025
(54) INHIBITION OF CORONAVIRUS

(71) The University of Melbourne
(21) 2025901543 (22) 29.04.2025
(54) Construction material

The Walter and Eliza Hall Institute of Medical Research see Monash University
(21) 2025901425

(71) Titan Terrain AU Pty Ltd
(21) 2025901522 (22) 28.04.2025
(54) Portable Water Depth Gauge Assembly

(71) TNA Australia Pty Limited
(21) 2025901406 (22) 22.04.2025
(54) Containment system for a confectionary moulding machine

(71) Todd, I.
(21) 2025901545 (22) 29.04.2025
(54) Biomedical Monitoring System Using Dimensional Information (Hd)

(71) Todd, I.
(21) 2025901547 (22) 29.04.2025
(54) Dynamic Hardness Modulation System

(71) Toluk Holdings Pty Ltd t/as SofiaSante Pharmaceuticals
(21) 2025901432 (22) 23.04.2025
(54) TRANSDERMAL MICRONEEDLE SYSTEMS DELIVERING MULTI-MECHANISTIC THERAPIES FOR ERECTILE DYSFUNCTION AND PRE-MATURE EJACULATION

(71) Toluk Holdings Pty Ltd t/as SofiaSante Pharmaceuticals
(21) 2025901485 (22) 26.04.2025
(54) Phosphate Ester and Related Prodrugs of Tadalafil, Targeted Activation Variants, Combination Therapies, and Advanced Delivery Systems for the Treatment of Erectile Dysfunction and Benign Prostatic Hyperplasia

(71) Tour 27 Pty Ltd
(21) 2025901442 (22) 24.04.2025
(54) Quantum Resource Scanner (QRS): A Tunable Subsurface Detection and Analysis Device Using Electromagnetic Resonance and Artificial Intelligence

(71) Tribe Technology Pty Ltd
(21) 2025901538 (22) 29.04.2025
(54) A Cyclone and A Fines Recovery Apparatus

(71) Tritium Power Solutions Pty Ltd
(21) 2025901505 (22) 28.04.2025
(54) A FLEXIBLE, DISTRIBUTED EV CHARGING ARCHITECTURE FOR COST EFFICIENCY, RELIABILITY, POWER DENSITY, AND OPTIMAL THERMAL MANAGEMENT

(71) Tritium Power Solutions Pty Ltd
(21) 2025901506 (22) 28.04.2025
(54) AN OPTIMISED DUAL ACTIVE BRIDGE EV CHARGER MODULE DESIGN FOR 25KW TO MULTI-MW EV FAST CHARGERS

(71) VAS, B.
(21) 2025901456 (22) 24.04.2025
(54) A CONTAINER FOR FOOD STORAGE AND POST-CONSUMPTION RECREATIONAL USE

(71) Venus Metals Corporation Limited
(21) 2025901414 (22) 23.04.2025
(54) Process for Selectively Recovering Iron and Vanadium

(71) Vivo Vac Pty Ltd
(21) 2025901449 (22) 24.04.2025
(54) WATER-METAL HYDROGEN GENERATION SYSTEM WITH ADVANCED CONTROL ARCHITECTURE

(71) Vivo Vac Pty Ltd
(21) 2025901450 (22) 24.04.2025
(54) INTEGRATED MULTI-MODAL SYSTEM FOR CNS REPAIR, IMMUNOMODULATION, AND TREATMENT OF NEURODEGENERATIVE AND AUTOIMMUNE CONDITIONS

(71) Vivo Vac Pty Ltd
(21) 2025901520 (22) 28.04.2025
(54) Tri-Latent Reprogramming Nanoplex (TLRN) for Targeted Cancer Therapy

(71) Western Sydney Local Health District
(21) 2025901462 (22) 24.04.2025
(54) System and method for mapping a region of tissue

(71) Williams, L.
(21) 2025901514 (22) 28.04.2025
(54) All weather solar powered clothes line awning

(71) Wilson, C.
(21) 2025901418 (22) 23.04.2025
(54) COOKWARE INCLUDING A PAN AND A COVER WITH AN INTEGRATED STAND FOR HOLDING UP THE COVER

(71) Woolshed Creek Agriculture & Livestock
(21) 2025901530 (22) 29.04.2025
(54) Fence Wire Joiner

(71) Wright, T.
(21) 2025901509 (22) 28.04.2025
(54) Proactive External Signal Reasoning (PESR™) System for Autonomous Business Operations.

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(71) Wright, T.
 (21) 2025901544 (22) 29.04.2025
 (54) Agent Authority Matrix (AAM™) for
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2025901434	Goodman, M.	2025901501	d'Almeida, S.
2025901435	Peters, M.	2025901502	The Kids Research Institute Australia
2025901436	KING, F.	2025901503	TANNOS, G.; HJORTFLOD, K.
2025901437	Brennan, T.	2025901504	The Know Skin Pty Ltd
2025901438	McLoughlin, A.	2025901505	Tritium Power Solutions Pty Ltd
2025901439	Sayers, M.	2025901506	Tritium Power Solutions Pty Ltd
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2025901441	Imani, A.	2025901508	Innovative Blasting Technologies Pty Ltd
2025901442	Tour 27 Pty Ltd	2025901509	Wright, T.
2025901443	Queensland University of Technology	2025901510	Feline Pty Ltd
2025901444	Captare Pty Ltd	2025901511	Raza, A.
2025901445	FORM BRICK PTY LTD	2025901512	arab, p.
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2025901447	Taylor, M.	2025901514	Williams, L.
2025901448	Lennon, M.	2025901515	Heatseeker Technologies Pty Ltd
2025901449	Vivo Vac Pty Ltd	2025901516	Nunhems Netherlands B.V.
2025901450	Vivo Vac Pty Ltd	2025901517	Pearson, T.
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2025901454	NewSouth Innovations Pty Limited	2025901521	Event Lighting Pty Ltd
2025901455	Metro Power Company Pty Ltd	2025901522	Titan Terrain AU Pty Ltd
2025901456	VAS, B.	2025901523	Long Term Australia Pty Ltd
2025901457	Immunosis Pty Ltd	2025901524	Farivar, F.; Salehi, C.
2025901458	MANSON ANCHORS LIMITED	2025901525	Morehouse, D.J.
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2025901462	Western Sydney Local Health District	2025901529	Haigh, J.
2025901463	Dennison, D.	2025901530	Woolshed Creek Agriculture & Livestock
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2025901465	Fudge, S.	2025901533	NeuOrphan Pty Ltd
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2025901467	Paddock Bay Holdings Pty Ltd	2025901535	Kent, R.
2025901468	Campbell, D.	2025901538	Tribe Technology Pty Ltd
2025901469	McClenaghan, R.	2025901540	Safe Roll Pty. Ltd.
2025901470	HASTINGS, R.	2025901541	Intellectica Pty Ltd
2025901471	Campbell, D.	2025901543	The University of Melbourne
2025901472	Dutton, M.	2025901544	Wright, T.
2025901473	blackwood-sewell, m.	2025901545	Todd, I.
2025901474	LD Irrigation Services	2025901547	Todd, I.

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 22 Apr 2025 .

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

(71) 1854081 ONTARIO LTD. (21) 2025202807 (22) 22.04.2025 (54) Apparatus and method for preparing a blast hole in a rock face during a mining operation	(54) Methods of reducing the need for peripheral arterial revascularization in a statin-treated subject (71) AP Protein Holdings Pty Ltd (21) 2025202896 (22) 24.04.2025 (54) SYSTEM AND METHOD FOR EXTRACTING A PROTEIN FOOD PRODUCT	(71) Balance Ophthalmics, Inc. (21) 2025202865 (22) 23.04.2025 (54) Eye treatment apparatus and method with independent pressure sources
(71) A. Finkl & Sons Co. (21) 2025202969 (22) 28.04.2025 (54) Plastic injection mold tooling and a method of manufacture thereof	(71) AQUASYS LLC (21) 2025202810 (22) 22.04.2025 (54) SYNTHETIC AGRICULTURAL SENSOR	(71) BAMBINO PREZIOSO SWITZERLAND AG (21) 2025202850 (22) 23.04.2025 (54) CHILD SAFETY SEAT AND SEAT BASE
Ablynx N.V. see Merck Patent GmbH (21) 2025202892	Arcellx, Inc see Subdomain, LLC (21) 2025202871	(71) Bayer Design Fritz Bayer GmbH&Co. KG (21) 2025202884 (22) 23.04.2025 (54) Toy Hand with Removable and Replaceable Fingernails
(71) AccessClosure, Inc. (21) 2025202956 (22) 28.04.2025 (54) Apparatus and methods for sealing a vascular puncture	(71) Arla Foods Amba (21) 2025202981 (22) 29.04.2025 (54) Instant beverage powder based on BLG	(71) Beijing Percans Oncology Co. Ltd. (21) 2025202873 (22) 23.04.2025 (54) Biomarkers for cancer therapy
(71) Aceragen, Inc. (21) 2025202813 (22) 22.04.2025 (54) Methods for treating Farber disease	(71) AstraZeneca AB (21) 2025202822 (22) 23.04.2025 (54) COMPOSITIONS AND METHODS FOR TREATING LATE STAGE LUNG CANCER	(71) Board of Regents, The University of Texas System (21) 2025202882 (22) 23.04.2025 (54) Radiotherapeutic microspheres
(71) Actuate Therapeutics Inc. (21) 2025202936 (22) 28.04.2025 (54) Solid forms of 3-(5-Fluorobenzofuran-3-yl)-4-(5-methyl-5H-[1,3]dioxolo[4,5-f]indol-7-yl)pyrrole-2,5-dione	(71) AstraZeneca AB (21) 2025202886 (22) 24.04.2025 (54) PCSK9 INHIBITORS AND METHODS OF USE THEREOF	(71) Board of Regents, The University of Texas System (21) 2025202971 (22) 29.04.2025 (54) Imidazopiperazine inhibitors of transcription activating proteins
(71) Adrenomed AG (21) 2025202983 (22) 29.04.2025 (54) Anti-Adrenomedullin (ADM) antibody or anti-ADM antibody fragment or anti-ADM non-Ig scaffold for use in intervention and therapy of congestion in a patient in need thereof	(71) Atomic Energy of Canada Limited/Énergie Atomique du Canada Limitée (21) 2025202821 (22) 22.04.2025 (54) Method to improve therapeutic properties of stem cells	(71) Canon Kabushiki Kaisha (21) 2025202877 (22) 23.04.2025 (54) Developer supply container and developer supplying system
(71) ADVERUM BIOTECHNOLOGIES, INC. (21) 2025202930 (22) 28.04.2025 (54) TREATMENT OF AMD USING AAV2 VARIANT WITH AFLIBERCEPT	(71) Austworld Commodities Pty Ltd (21) 2025202941 (22) 28.04.2025 (54) A SEALING DEVICE FOR PLUMBING	(71) Canon Kabushiki Kaisha (21) 2025202894 (22) 24.04.2025 (54) Developer supply container and developer supplying system
(71) AEROQUAL LIMITED (21) 2025202872 (22) 23.04.2025 (54) ADSORBENT-BASED GAS SENSING SYSTEM	(71) BAE SYSTEMS plc (21) 2025202954 (22) 28.04.2025 (54) Antenna array	(71) Caterpillar Global Mining Equipment LLC (21) 2025202900 (22) 24.04.2025 (54) TRANSMISSION SYSTEM FOR DRILLING MACHINE
(71) Amarin Pharmaceuticals Ireland Limited (21) 2025202801 (22) 22.04.2025	(71) BAE SYSTEMS plc (21) 2025202957 (22) 28.04.2025 (54) Antenna structure	(71) CATERPILLAR GLOBAL MINING LLC (21) 2025202854 (22) 23.04.2025

Complete Applications Filed - Name Index cont'd

(54) ARCH BACK DRAGLINE BUCKET AND WORK MACHINES, SYSTEMS, AND ASSEMBLIES THEREOF

(71) CATERPILLAR INC.

(21) 2025202855 (22) 23.04.2025

(54) MACHINE SENSOR CONFIGURATION SYSTEM

(71) CATERPILLAR INC.

(21) 2025202857 (22) 23.04.2025

(54) SYSTEM AND MOUNTING ARRANGEMENTS FOR ACCESSING MACHINE SEAT CONTROLS

(71) CATERPILLAR INC.

(21) 2025202897 (22) 24.04.2025

(54) SYSTEM FOR MOVING MAST OF DRILLING MACHINE

Celestica Valencia, S.A.U. see Zimmer, Inc.

(21) 2025202944

(71) Cella Therapeutics, LLC

(21) 2025202904 (22) 24.04.2025

(54) Sustained-release drug delivery systems comprising an intraocular pressure lowering agent, a CNP compound, an NPR-B compound, a Tie-2 agonist, or neurotrophic agent for use for treating glaucoma or ocular hypertension

(71) Clark, I.

(21) 2025202937 (22) 28.04.2025

(54) Bluetooth Communication Hand Piece

(71) Clemtek, LLC

(21) 2025203002 (22) 29.04.2025

(54) Gaming video processing system

(71) Climate LLC

(21) 2025202916 (22) 24.04.2025

(54) Automatically assigning hybrids or seeds to fields for planting

(71) Colgate-Palmolive Company

(21) 2025202808 (22) 22.04.2025

(54) Oral care compositions comprising hydroxyapatite

(71) CONEX IPR LIMITED

(21) 2025202965 (22) 28.04.2025

(54) COMPONENTS FOR DRINKING WATER PIPES, AND METHOD FOR MANUFACTURING SAME

(71) CQMS Pty Ltd

(21) 2025202977 (22) 29.04.2025

(54) A WEAR MEMBER MONITORING SYSTEM

(71) CTX, LLC

(21) 2025202996 (22) 29.04.2025

(54) SYSTEMS AND METHODS OF OPERATING WATER FILTRATION SYSTEMS

(71) CubicPV Inc.

(21) 2025202823 (22) 23.04.2025

(54) HYBRID PEROVSKITE MATERIAL PROCESSING

(71) CubicPV Inc.

(21) 2025202834 (22) 23.04.2025

(54) PEROVSKITE AND OTHER SOLAR CELL MATERIALS

(71) Curry, W.

(21) 2025202939 (22) 28.04.2025

(54) Streamlined surfing video camera

(71) Daiichi Sankyo Company, Limited

(21) 2025202863 (22) 23.04.2025

(54) Anti-CDH6 antibody and anti-CDH6 antibody-drug conjugate

(71) Dana-Farber Cancer Institute, Inc.

(21) 2025202811 (22) 22.04.2025

(54) Compositions and methods for augmenting antibody mediated receptor signaling

(71) Dana-Farber Cancer Institute, Inc.

(21) 2025202861 (22) 23.04.2025

(54) Vaccine compositions and methods for restoring NKG2D pathway function against cancers

(71) DELGADO, R.

(21) 2025202887 (22) 24.04.2025

(54) High Frequency QRS in Biometric Identification

(71) de St Amatus, B.

(21) 2025202389 (22) 03.04.2025

(54) Reversible time-controllable optoelectromagnetic triggering system for delayed detonation or disarmament of nuclear explosive devices integrated with the nuclear explosive devices for delivery in briefcase-sized containers

(31) 19/090,468 (32) 26.03.25 (33) US

(71) Dexcom, Inc.

(21) 2025202812 (22) 22.04.2025

(54) Sensor cable support device including mechanical connectors

(71) Dolby Laboratories Licensing Corporation

(21) 2025202833 (22) 23.04.2025

(54) System and method for adaptive audio signal generation, coding and rendering

(71) Eacon Technology Co., Ltd.

(21) 2025202883 (22) 23.04.2025

(54) PARKING METHOD AND APPARATUS FOR UNMANNED VEHICLE

(71) Eli Lilly and Company

(21) 2025202879 (22) 23.04.2025

(54) Extended time action acylated insulin compounds

(71) Endangered Heritage Pty Ltd

(21) 2025202958 (22) 28.04.2025

(54) UVC mould remediation

(71) Endosome Therapeutics, Inc.

(21) 2025202933 (22) 28.04.2025

(54) Treatment of Pain

(71) Endurant Systems, LLC

(21) 2025202845 (22) 23.04.2025

(54) UAV CONFIGURATIONS AND BATTERY AUGMENTATION FOR UAV INTERNAL COMBUSTION ENGINES, AND ASSOCIATED SYSTEMS AND METHODS

(71) EZCONN CORPORATION

(21) 2025202836 (22) 23.04.2025

(54) ELECTRICAL CONNECTOR AND CABLE ASSEMBLY

(71) FEI Company

(21) 2025202910 (22) 24.04.2025

(54) Temporal characterization of oscillator signals in charged particle microscopy

(71) FinCo Services, Inc.

(21) 2025202841 (22) 23.04.2025

(54) Cryptographic technology platform and methods for providers to enable users to monetize their data

(71) Fisher & Paykel Healthcare Limited

(21) 2025202918 (22) 24.04.2025

(54) TRACHEOSTOMY GUARD

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(21) 2025202934 (22) 28.04.2025

(54) RESPIRATORY INTERFACE

(71) Fluidmaster, Inc.

(21) 2025202825 (22) 23.04.2025

(54) MODULAR FLUID VALVE

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(71) GammaDelta Therapeutics Ltd (21) 2025202866 (22) 23.04.2025 (54) Methods for the production of TCR gamma delta+ T cells	(71) HOWMEDICA OSTEONICS CORP. (21) 2025202826 (22) 23.04.2025 (54) FRACTURE FIXATION SYSTEM FOR LONG BONE	(71) Jennerjahn Machine, Inc. (21) 2025202960 (22) 28.04.2025 (54) Coreless retail paper rolls and associated methods and apparatus for manufacturing the same
(71) Genentech, Inc. (21) 2025202853 (22) 23.04.2025 (54) Methods of making antibodies	(71) Huawei Technologies Co., Ltd. (21) 2025202827 (22) 23.04.2025 (54) CHROMA BLOCK PREDICTION METHOD AND APPARATUS	(71) Joy Global Surface Mining Inc (21) 2025202889 (22) 24.04.2025 (54) Proximity detection system for an industrial machine including externally mounted indicators
(71) Gen-Probe Incorporated (21) 2025202946 (22) 28.04.2025 (54) Analytical Systems, Methods, and Program for Performing Nucleic Acid Amplification Assays	(71) Huawei Technologies Co., Ltd. (21) 2025202828 (22) 23.04.2025 (54) INDEX SIGNALING FOR REFERENCE PICTURE LIST STRUCTURES	(71) Keystone Tower Systems, Inc. (21) 2025202867 (22) 23.04.2025 (54) SHEET TRANSITIONING IN SPIRAL FORMED STRUCTURES
(71) Gen-Probe Incorporated (21) 2025202953 (22) 28.04.2025 (54) Analytical Systems, Methods, and Program for Performing Nucleic Acid Amplification Assays	(71) Ignite Orthopedics LLC (21) 2025203015 (22) 29.04.2025 (54) Implants, systems and methods of using the same	(71) Khan, W. (21) 2025202967 (22) 28.04.2025 (54) PERSONAL TRANSPORTATION DEVICE
(71) Gen-Probe Incorporated (21) 2025202979 (22) 29.04.2025 (54) Compositions and methods for amplifying, detecting or quantifying human polyomavirus BK virus	(71) Illinois Tool Works Inc. (21) 2025202955 (22) 28.04.2025 (54) Anchor	(71) KIM, B. (21) 2025202878 (22) 23.04.2025 (54) A device for making plumbing connections and a method of use thereof
(71) GE PRECISION HEALTHCARE LLC (21) 2025202888 (22) 24.04.2025 (54) Activation of late response genes using neuromodulation	(71) Implantica Patent Ltd (21) 2025202899 (22) 24.04.2025 (54) Apparatus and Method for Treating Intestinal Disorder	(71) KYOCERA MEDICAL TECHNOLOGIES, INC. (21) 2025202950 (22) 28.04.2025 (54) Surgical implant device incorporating a lattice volume and associated method of manufacture
(71) Glass Outlet BNE Pty Ltd (21) 2025202911 (22) 24.04.2025 (54) Electrically Isolated Spigot and Method Thereof	(71) Industries Machinex Inc. (21) 2025202856 (22) 23.04.2025 (54) Screw system for mechanical separation of matter	Kyoto University see Takeda Pharmaceutical Company Limited (21) 2025202948
(71) G-Light Technologies Co.,Ltd; Wireless Automation Systems Pty., Ltd. (21) 2025202893 (22) 24.04.2025 (54) Latch Mechanism of Recreational Vehicle Storage Box	(71) Innovative Cardiovascular Solutions, LLC (21) 2025202800 (22) 22.04.2025 (54) Embolic protection device	(71) Landis+Gyr GmbH (21) 2025202917 (22) 24.04.2025 (54) Measurement insert
(71) Holcim (Australia) Pty Ltd (21) 2025203020 (22) 29.04.2025 (54) A FOUNDATION AND METHOD OF CONSTRUCTING THEREOF	(71) INSULET CORPORATION (21) 2025202891 (22) 24.04.2025 (54) ADAPTATION OF AUTOMATIC INSULIN DELIVERY (AID) FOR USERS WITH BASAL TO BOLUS MISMATCH	(71) Landis+Gyr GmbH (21) 2025202920 (22) 24.04.2025 (54) Connector
(71) HOLZERNTTE sp. z o.o. (21) 2025202874 (22) 23.04.2025 (54) Portable mobile shower	(71) Intuit Inc. (21) 2025202942 (22) 28.04.2025 (54) Orchestrating dynamic actions through multi-modality inputs	(71) LG Electronics Inc. (21) 2025202973 (22) 29.04.2025 (54) COOKING APPLIANCE
(71) HONEYWELL INTERNATIONAL INC. (21) 2025202858 (22) 23.04.2025 (54) SYSTEMS FOR PROBABILITY BASED FUGITIVE GAS LEAK DETECTION	(71) Jennerjahn Machine, Inc. (21) 2025202959 (22) 28.04.2025 (54) Coreless retail paper rolls and associated methods and apparatus for manufacturing the same	(71) LG ELECTRONICS INC. (21) 2025202832 (22) 23.04.2025 (54) An apparatus for treating laundry and control method thereof
		(71) LINEAGE LOGISTICS, LLC (21) 2025202927 (22) 27.04.2025 (54) POINT CLOUD FILTERING

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(71) LOCKHEED MARTIN CORPORATION
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(54) HELIX TILT DEVICE FOR TILTING COAXIAL PROPULSION SYSTEM

(71) LOCKHEED MARTIN CORPORATION
(21) 2025202929 (22) 28.04.2025
(54) AIRSPEED DRIVEN TILT ANGLE FOR ELECTRIC TILTROTOR AIRCRAFT

(71) Longi Green Energy Technology Co., Ltd.
(21) 2025202970 (22) 28.04.2025
(54) Back Contact Solar Cells And Manufacturing Methods Thereof, And Photovoltaic Modules

(71) Malik, M.
(21) 2025202921 (22) 25.04.2025
(54) Reusable Towel Identification System Using Velcro-Based Identifier Patches

(71) MedImmune Limited
(21) 2025202908 (22) 24.04.2025
(54) ANTI-B7-H1 AND ANTI-CTLA-4 ANTIBODIES FOR TREATING NON-SMALL CELL LUNG CANCER

(71) Merck Patent GmbH; Ablynx N.V.
(21) 2025202892 (22) 24.04.2025
(54) MMP13 Binding Immunoglobulins

(71) Meso Scale Technologies, LLC
(21) 2025202978 (22) 29.04.2025
(54) ASSAY PANELS

(71) Metabolic Explorer
(21) 2025202799 (22) 22.04.2025
(54) Microorganisms with improved 1,3-propanediol and butyric acid production

(71) ModWood Technologies Pty Ltd
(21) 2025202868 (22) 23.04.2025
(54) IMPROVED DECKING CLIP AND DECKING ATTACHMENT SYSTEM

(71) Monash University
(21) 2025202914 (22) 24.04.2025
(54) Lymph directing prodrugs

(71) NanoEar Corporation, Inc.
(21) 2025202980 (22) 29.04.2025
(54) Compact hearing aids

(71) NANOPHASE TECHNOLOGIES CORPORATION
(21) 2025202844 (22) 23.04.2025

(54) LIPOPHILICALLY DISPERSED PHENOLIC POLYMER PARTICLES

(71) Naumcevski, S.
(21) 2025203000 (22) 29.04.2025
(54) A HOOK LIFT BIN WITH CONCRETE RELEASE MECHANISM

(71) Nautical Control Solutions, LP
(21) 2025203004 (22) 29.04.2025
(54) Portable fuel metering system

(71) New Frozen Technology Pty Ltd
(21) 2025202869 (22) 23.04.2025
(54) this invention creates a fluid that rapidly freezing the fresh product such as beef, fish, etc. it locks the freshness of the product, made the product keeps its freshness (as fresh) after thawed. This process keeps Fresh product for a long period of time and stayed as fresh product. Products need vacuum packed before going through the special fluid to begin the process.

(71) Nextivity, Inc.
(21) 2025202913 (22) 24.04.2025
(54) SYSTEM AND METHOD FOR SELECTING AN OPERATOR TO BOOST IN A REPEATER

(71) Northwestern University
(21) 2025202998 (22) 29.04.2025
(54) DEVICES AND METHODS FOR RAPID SAMPLE PROCESSING AND ANALYSIS

(71) Nucleix Ltd.
(21) 2025202932 (22) 28.04.2025
(54) METHODS FOR DIAGNOSING BLADDER CANCER

(71) NUSEED NUTRITIONAL US INC.
(21) 2025202943 (22) 28.04.2025
(54) DHA Enriched Polyunsaturated Fatty Acids Compositions

(71) Nutramax Laboratories, Inc.
(21) 2025202875 (22) 23.04.2025
(54) Compositions comprising hydroxytyrosol and boswellic acid

(71) Ocean and Earth Productions Pty Ltd
(21) 2025202994 (22) 29.04.2025
(54) Surfboard Cover

(71) OMS Investments, Inc.
(21) 2025202931 (22) 28.04.2025
(54) Plants comprising herbicide-resistant event sequences, plant materials, and methods for detection thereof

(71) Orizuru Therapeutics, Inc.
(21) 2025202903 (22) 24.04.2025
(54) Cardiomyocyte purification method

(71) Paradym Pty Limited
(21) 2025202925 (22) 25.04.2025
(54) Paradym Sentinel

(71) Paragon 28, Inc.
(21) 2025202835 (22) 23.04.2025
(54) SOFT TISSUE RETENTION DEVICE, INSTRUMENTATION AND RELATED METHODS

(71) Pawezy Pty Ltd
(21) 2025203010 (22) 29.04.2025
(54) EasyFit No-Pull Dog Harness

(71) Peel, M.
(21) 2025202962 (22) 28.04.2025
(54) Bin Cover

(71) Peptilogics, Inc.
(21) 2025202864 (22) 23.04.2025
(54) Treatment of implants with engineered antimicrobial amphiphilic peptides

(71) PLURI BIOTECH LTD.
(21) 2025202906 (22) 24.04.2025
(54) System and Methods For Immune Cells Expansion And Activation In Large Scale

(71) Poseida Therapeutics, Inc.
(21) 2025203005 (22) 29.04.2025
(54) Modified stem cell memory T cells, methods of making and methods of using same

(71) Proxene Tools Co., Ltd.
(21) 2025202922 (22) 25.04.2025
(54) Adjustable wrench

(71) Proxene Tools Co., Ltd.
(21) 2025202923 (22) 25.04.2025
(54) Adjustable wrench

(71) Rampey Pty Ltd
(21) 2025202924 (22) 25.04.2025
(54) Collaborative autonomous mobile robotic ramps for improving the speed and safety of boarding public transit

(71) Rauland-Borg Corporation
(21) 2025202982 (22) 29.04.2025
(54) INTELLIGENT DISPLAY CORRIDOR LIGHT

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(71) Raven Industries, Inc. (21) 2025202842 (22) 23.04.2025 (54) Obstacle monitoring systems and methods for same	(71) Seminis Vegetable Seeds, Inc. (21) 2025202909 (22) 24.04.2025 (54) Bean variety SVGW1212	(54) Process for converting C2-C5 hydrocarbons to gasoline and diesel fuel blendstocks
(71) Reichart, B. (21) 2025202870 (22) 23.04.2025 (54) Compositions for prolonging the survival after orthopic and heteropic xenogeneic heart, kidney, lung or liver transplantations	(71) Seminis Vegetable Seeds, Inc. (21) 2025202915 (22) 24.04.2025 (54) Bean variety SVGV2138	(71) Syqe Medical Ltd. (21) 2025202831 (22) 23.04.2025 (54) Method and inhaler for providing two or more substances by inhalation
Research Institute at Nationwide Children's Hospital see The University of Western Australia (21) 2025202945	(71) SharkNinja Operating LLC (21) 2025202992 (22) 29.04.2025 (54) VACUUM CLEANING DEVICE WITH FOLDABLE WAND TO PROVIDE STORAGE CONFIGURATION	(71) TAD Beauty, Inc. (21) 2025202862 (22) 23.04.2025 (54) Artificial eyelash segment system
(71) Resource West, Inc. (21) 2025202843 (22) 23.04.2025 (54) Evaporator for ambient water bodies, and related system and method	(71) Siemens Mobility GmbH (21) 2025202907 (22) 24.04.2025 (54) Single-stage evaluation of an axle counter time characteristic	(71) Takeda Pharmaceutical Company Limited; Kyoto University (21) 2025202948 (22) 28.04.2025 (54) Method for producing CD3-positive cell
(71) Rinnai Corporation (21) 2025202963 (22) 28.04.2025 (54) Proportional valve control device and water heater	(71) Sigilon Therapeutics, Inc. (21) 2025202824 (22) 23.04.2025 (54) IMPLANTABLE PARTICLES AND RELATED METHODS	(71) Takeda Vaccines, Inc. (21) 2025202876 (22) 23.04.2025 (54) Methods For Preventing Dengue And Hepatitis A
(71) Robert Bosch GmbH (21) 2025202881 (22) 23.04.2025 (54) Brake controller system comprising a trailer mounted brake controller and a towing vehicle mounted brake controller	(71) SKYLOTEC GmbH (21) 2025202818 (22) 22.04.2025 (54) Harness	(71) TAN, C.Y. (21) 2025202880 (22) 23.04.2025 (54) WELLNESS ROOM
(71) RPFflow R&D B.V. (21) 2025202895 (22) 24.04.2025 (54) Methods and installations for producing a biaxially oriented tube from thermoplastic material	(71) SKYLOTEC GmbH (21) 2025202819 (22) 22.04.2025 (54) Harness	(71) Tayco, D. (21) 2025202797 (22) 22.04.2025 (54) System and Method for Issuing and Managing Blockchain-Based Cross-Jurisdictional Regulatory Compliance Credentials for Wholesale Investors
(71) Rythera Therapeutics, Inc. (21) 2025202935 (22) 28.04.2025 (54) Composition and method for prevention and treatment of cutaneous radiation injury	(71) Stantec Australia Pty Ltd (21) 2025202968 (22) 28.04.2025 (54) Method and System for Inhibiting Corrosion	(71) Techtronic Cordless GP (21) 2025202890 (22) 24.04.2025 (54) A cylindrical battery with an insulation assembly
(71) S. C. Johnson & Son, Inc. (21) 2025203008 (22) 29.04.2025 (54) Dispenser and method of use thereof	(71) Stemline Therapeutics, Inc. (21) 2025202964 (22) 28.04.2025 (54) Combination Therapy Method of Treating Myeloproliferative Neoplasms with a Diphtheria Toxin-Human Interleukin-3 Conjugate in Combination with Other Agents	(71) Telefonaktiebolaget LM Ericsson (publ) (21) 2025202902 (22) 24.04.2025 (54) Mapping of paging early indicator to multiple paging occasions
(71) Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd (21) 2025203012 (22) 29.04.2025 (54) DRILLING BIT	(71) Stuekerjuergen, F. (21) 2025202926 (22) 26.04.2025 (54) A METHOD AND SYSTEM FOR PREVENTING PRE-EXPANSION OF SPIRALLY WOUND PIPES	(71) The Boeing Company (21) 2025202852 (22) 23.04.2025 (54) Turbulence detection and presentation system and method
(71) Seminis Vegetable Seeds, Inc. (21) 2025202901 (22) 24.04.2025 (54) Bean variety SVGG1317	(71) Subdomain, LLC; Arcellx, Inc (21) 2025202871 (22) 23.04.2025 (54) De novo binding domain containing polypeptides and uses thereof	(71) THE CHEMOURS COMPANY FC, LLC. (21) 2025202972 (22) 29.04.2025 (54) COMPOSITIONS COMPRISING 2,3-DICHLORO-1,1,1-TRIFLUOROPROPANE, 2-CHLORO-1,1,1-TRIFLUOROPROPENE, 2-CHLORO-1,1,1,2-TETRAFLUOROPROPANE OR 2,3,3,3-TETRAFLUOROPROPENE
	(71) Swift Fuels, LLC (21) 2025202860 (22) 23.04.2025	(71) The General Hospital Corporation (21) 2025202802 (22) 22.04.2025

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(54) Vessel Treatment Systems, Methods, And Kits

(71) The General Hospital Corporation
(21) 2025202859 (22) 23.04.2025
(54) ADDITIVE MANUFACTURE OF COMPLEX IMPLANTABLE LIVING DEVICES

(71) The Glad Products Company
(21) 2025202951 (22) 28.04.2025
(54) Thermoplastic films and bags with complex stretch patterns and methods of making the same

(71) The Glad Products Company
(21) 2025202952 (22) 28.04.2025
(54) Thermoplastic films and bags with complex stretch patterns and methods of making the same

(71) The Regents of The University of California
(21) 2025202961 (22) 28.04.2025
(54) Compositions and methods for modulating hair growth

(71) The University of British Columbia
(21) 2025202947 (22) 28.04.2025
(54) NOVEL AMINE FUNCTIONALIZED POLYMERS AND METHODS OF PREPARATION

(71) The University of Western Australia; Research Institute at Nationwide Children's Hospital
(21) 2025202945 (22) 28.04.2025
(54) Methods And Materials For Activating An Internal Ribosome Entry Site In Exon 5 Of The DMD Gene

(71) Transportation IP Holdings, LLC
(21) 2025202919 (22) 24.04.2025
(54) DIAGNOSTIC SYSTEM AND METHOD

(71) Trina Solar Co., Ltd.
(21) 2025202898 (22) 24.04.2025
(54) Solar cell and preparation method thereof, photovoltaic module, and photovoltaic system

(71) Trina Solar Co., Ltd.
(21) 2025203006 (22) 29.04.2025
(54) Solar cell, preparation method thereof, and photovoltaic module

(71) Universitat Autònoma de Barcelona
(21) 2025203001 (22) 29.04.2025
(54) Viral expression construct comprising a fibroblast growth factor 21 (FGF21) coding sequence

(71) University of Miami
(21) 2025202839 (22) 23.04.2025
(54) METHOD FOR DETECTING INFLAMMASOME PROTEINS AS BIOMARKERS OF NEUROLOGICAL DISORDERS

(71) University of Southampton
(21) 2025202938 (22) 28.04.2025
(54) MODULATION OF GENE EXPRESSION AND SCREENING FOR DEREGULATED PROTEIN EXPRESSION

(71) Venaresources, Inc.
(21) 2025202975 (22) 29.04.2025
(54) ADAPTIVE RFID INVENTORY SYSTEM

(71) Vorwerk & Co. Interholding GmbH
(21) 2025202997 (22) 29.04.2025
(54) Kitchen appliance base for one kitchen appliance

(71) Vorwerk & Co. Interholding GmbH
(21) 2025202999 (22) 29.04.2025
(54) FOOD PREPARATION VESSEL FOR A KITCHEN APPLIANCE AND KITCHEN APPLIANCE

(71) Werner Co.
(21) 2025202840 (22) 23.04.2025
(54) Extension Ladder and Methods of Making and Using an Extension Ladder

(71) WestRock Packaging Systems, LLC
(21) 2025203009 (22) 29.04.2025
(54) Article carrier, shipping carton & package system

(71) WhiteWater West Industries Ltd
(21) 2025202837 (22) 23.04.2025
(54) Pool wave generator

(71) Williams, C.
(21) 2025203011 (22) 29.04.2025
(54) Modular heat pump apparatus

(71) Wing Aviation LLC
(21) 2025202798 (22) 22.04.2025
(54) Methods and systems for detecting and resolving failure events when raising and lowering a payload

Wireless Automation Systems Pty., Ltd.
see G-Light Technologies Co., Ltd
(21) 2025202893

(71) Wise CNS Co., Ltd.
(21) 2025202966 (22) 28.04.2025
(54) Apparatus And Method For Monitoring Illegal Distribution Of Copyrighted Works Through Torrent Network

(71) WONDERLAND SWITZERLAND AG
(21) 2025202838 (22) 23.04.2025
(54) JOINING STRUCTURE AND CHILD SAFETY SEAT INCLUDING THE SAME

(71) WuXi Biologics Ireland Limited
(21) 2025202830 (22) 23.04.2025
(54) Novel Anti-CD19 Antibodies

(71) Zhejiang Huayi Precision Machinery Co., Ltd.
(21) 2025202974 (22) 29.04.2025
(54) Temperature-sensitive element and temperature-pressure safety valve

(71) Zhejiang Tianti Rubber & Plastic Technology Co., Ltd.
(21) 2025202885 (22) 24.04.2025
(54) High-pressure hose

(71) Zimmer, Inc.; Celestica Valencia, S.A.U.
(21) 2025202944 (22) 28.04.2025
(54) CHUCK SYSTEM FOR A POWERED SURGICAL IMPACTOR

(71) Zinnia IP Nominee Pty Ltd
(21) 2025202985 (22) 29.04.2025
(54) Above-ground ash interment system

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2025202864	Peptilogics, Inc.	2025202933	Endosome Therapeutics, Inc.
2025202865	Balance Ophthalmics, Inc.	2025202934	FISHER & PAYKEL HEALTHCARE LIMITED
2025202866	GammaDelta Therapeutics Ltd	2025202935	Rythera Therapeutics, Inc.
2025202867	Keystone Tower Systems, Inc.	2025202936	Actuate Therapeutics Inc.
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2025202875	Nutramax Laboratories, Inc.	2025202945	The University of Western Australia; Research Institute at Nationwide Children's Hospital
2025202876	Takeda Vaccines, Inc.	2025202946	Gen-Probe Incorporated
2025202877	Canon Kabushiki Kaisha	2025202947	The University of British Columbia
2025202878	KIM, B.		

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2025202948	Takeda Pharmaceutical Company Limited; Kyoto University
2025202949	I-Mab Biopharma US Limited
2025202950	KYOCERA MEDICAL TECHNOLOGIES, INC.
2025202951	The Glad Products Company
2025202952	The Glad Products Company
2025202953	Gen-Probe Incorporated
2025202954	BAE SYSTEMS plc
2025202955	Illinois Tool Works Inc.
2025202956	AccessClosure, Inc.
2025202957	BAE SYSTEMS plc
2025202958	Endangered Heritage Pty Ltd
2025202959	Jennerjahn Machine, Inc.
2025202960	Jennerjahn Machine, Inc.
2025202961	The Regents of The University of California
2025202962	Peel, M.
2025202963	Rinnai Corporation
2025202964	Stemline Therapeutics, Inc.
2025202965	CONEX IPR LIMITED
2025202966	Wise CNS Co., Ltd.
2025202967	Khan, W.
2025202968	Stantec Australia Pty Ltd
2025202969	A. Finkl & Sons Co.
2025202970	Longi Green Energy Technology Co., Ltd.
2025202971	Board of Regents, The University of Texas System
2025202972	THE CHEMOURS COMPANY FC, LLC.
2025202973	LG Electronics Inc.
2025202974	Zhejiang Huayi Precision Machinery Co., Ltd.
2025202975	Venaresources, Inc.
2025202977	CQMS Pty Ltd
2025202978	Meso Scale Technologies, LLC
2025202979	Gen-Probe Incorporated
2025202980	NanoEar Corporation, Inc.
2025202981	Arla Foods Amba
2025202982	Rauland-Borg Corporation
2025202983	Adrenomed AG
2025202985	Zinnia IP Nominee Pty Ltd
2025202992	SharkNinja Operating LLC
2025202994	Ocean and Earth Productions Pty Ltd
2025202996	CTX, LLC
2025202997	Vorwerk & Co. Interholding GmbH
2025202998	Northwestern University
2025202999	Vorwerk & Co. Interholding GmbH
2025203000	Naumcevski, S.
2025203001	Universitat Autònoma de Barcelona
2025203002	Clemtek, LLC
2025203004	Nautical Control Solutions, LP
2025203005	Poseida Therapeutics, Inc.
2025203006	Trina Solar Co., Ltd.
2025203008	S. C. Johnson & Son, Inc.
2025203009	WestRock Packaging Systems, LLC
2025203010	Pawezy Pty Ltd
2025203011	Williams, C.
2025203012	Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd
2025203015	Ignite Orthopedics LLC
2025203020	Holcim (Australia) Pty Ltd

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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2024

2024200182 (4C)	2024200486 (4C)	2024200798 (4C)
2024201363 (5CN)	2024201438 (4C)	2024203343 (4B)
2024205481 (4B)	2024205830 (4B)	2024901077 (12AN)
2024901156 (12AN)	2024901158 (12AN)	2024901159 (12AN)
2024901242 (12AN)	2024901261 (12AN)	

2025

2025200731 (1B)	2025200902 (1B)	2025201132 (7CN)
2025202565 (12B)	2025901425 (12AN)	

Assignments before Grant, Section 113**2020**

2020449880 **Aeglea Biotherapeutics, Inc.** The application has been assigned to **The Board of Regents of The University of Texas System**

2021

2021417404 **SAINT-GOBAIN GLASS FRANCE** The application has been assigned to **Saint-Gobain Sekurit France**

2025

2025900529 **MISMO Australia** The application has been assigned to **Flowmate Australia PTY LTD**

Extensions of Time, Section 223**Applications Received**

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

2009

2009347562 **Haviland Nominees Pty Ltd** An application to extend the time from 02 Jun 2024 to 02 Mar 2025 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2012

2012283132 **Unico, LLC** An application to extend the time from 16 May 2023 to 16 Feb 2025 in which to pay a renewal fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2021

2021107401 **Church Communities Australia** An application to extend the time from 25 Aug 2024 to 25 Apr 2025 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd Level 29, 126 Phillip Street Sydney NSW 2000 AU

2024

2024200182 **Immunolight, LLC** An application to extend the time from 11 Oct 2024 to 11 May 2025 in which to pay a continuation fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2024227614 **SLD Technology, Inc.** An application to extend the time from 24 May 2024 to 24 Oct 2024 in which to claim the convention prior-

Extensions of Time, Section 223

ity date has been filed . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)

2013

2013230686 **Axis Energy Group Pty Ltd** The time in which to pay a renewal fee has been extended to 06 Dec 2024 . Address for service - Eagar & Associates Pty Ltd Suite 2 35-39 Scarborough Street Southport QLD 4215 AU

2017

2017208220 **PIRAINO, M.** The time in which to pay a renewal fee has been extended to 24 Nov 2024 . Address for service - Baxter Patent Attorneys Pty Ltd Level 12/10 Carrington St Sydney NSW 2000 AU

2019

2019204944 **PIRAINO, M.** The time in which to pay a renewal fee has been extended to 24 Nov 2024 . Address for service - Baxter Patent Attorneys Pty Ltd Level 12/10 Carrington St Sydney NSW 2000 AU

2019300527 **Umano Medical Inc.** The time in which to pay the acceptance fee has been extended to 19 Apr 2025 . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

2020

2020280231 **Kare Chemical Technologies Inc.** The time in which to pay a continuation fee has been extended to 20 Dec 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021102106 **Phillips, R.M.** The time in which to pay a renewal fee has been extended to 21 Feb 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023200396 **Inner Mongolia Electric Power Research Institute Branch of Inner Mongolia Electric Power (Group) Co., Ltd.** The time in which to pay the acceptance fee has been extended to 17 Mar 2025 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2023216850 **GEORGETOWN UNIVERSITY** The time in which to pay a continuation fee has been extended to 02 Jan 2025 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2023237159 **Vishal, R.** The time in which to pay the acceptance fee has been extended to 21 Apr 2025 . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

2023275022 **DAVIES, R.** The time in which to gain acceptance has been extended to 28 May 2025 . Address for service - Richard Gwyn Davies 15 Dundonald Street Dunedin 9013 NZ

2024

2024201294 **Raytheon Company** The time in which to pay a continuation fee has been extended to 12 Feb 2025 . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

Extensions of Time, Section 223

2025

2025200142 **Abodo Wood Limited** The time in which to request examination has been extended to 14 Apr 2025 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2025202015 **Axsome Therapeutics, Inc.** The time in which to make a further application for a divisional patent has been extended to 19 Apr 2025 . Address for service - Blue Penguin IP Ltd C/- Connected Accountants Limited, Level 1, South British Building, 326 Lambton Quay Wellington 6011 NZ

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.

2017

2017313646 Immunosuppressive composition for use in treating immunological disorders **Singapore Health Services Pte Ltd** The nature of the amendment is: Amend the name of the inventors to read FAN, Xiubo; HWANG, William Ying Khee; LOW, Hsiu Ling; THUMBOO, Julian and NG, Chin Teck . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018256647 A method for the site-specific enzymatic labelling of nucleic acids in vitro by incorporation of unnatural nucleotides **The Scripps Research Institute** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2025 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2019

2019206536 Systems and methods for left ventricular unloading in treating myocardial infarction **Tufts Medical Center, Inc. ; Abiomed, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020

2020204672 Subsea connection of pipeline sections **Subsea 7 (US) LLC ; Shell International Exploration and Production Inc. ; Total E&P Research & Technology USA, LLC** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2025 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2020205643 Antiproliferative compounds and second active agents for use in treating multiple myeloma **Celgene Corporation** The nature of the amendment is as shown in the statement(s) filed 10 Apr 2025 . Address for service - FB Rice Pty Ltd Level 29 126 Phillip Street Sydney NSW 2000 AU

2021

2021326844 Connecting wedges, and systems for sofa assembly **Zinus Inc.** The nature of the amendment is: Amend the name of the

Amendments

inventor to read LEE, Younjae; BAE, Munhan and KIM, Keunyoung .
Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson
Street MELBOURNE VIC 3000 AU

2022

2022201278 CD3 binding antibodies **TeneoOne, Inc.** The nature of the amendment is: Amend the name of the inventors to read TRINKLEIN, Nathan; VAN SCHOOTEN, Wim; ALDRED, Shelley Force; HARRIS, Katherine; PHAM, Duy and CLARKE, Starlynn . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2013

2013219296 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 16 Dec 2024

2013219382 **Taiho Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 16 Dec 2024

2017

2017358289 **Yuhan Corporation** The nature of the amendment is as shown in the statement filed 12 Dec 2024

2018

2018266202 **lovance Biotherapeutics, Inc.** The nature of the amendment is as shown in the statement filed 06 Feb 2025

2018338915 **Intellia Therapeutics, Inc.** The nature of the amendment is as shown in the statements filed 09 Jan 2025 and 17 January 2025

2018428605 **NUSEED NUTRITIONAL US INC.** The nature of the amendment is: Amend the name of the inventor to read Littler, Stuart

2019

2019203492 **McWilliams, M.** The nature of the amendment is: Application is to proceed under the number 2019101865

2020

2020374947 **Forty Seven, LLC** The nature of the amendment is as shown in the statement filed 05 Feb 2025

2021

2021203336 **TargImmune Therapeutics AG** The nature of the amendment is as shown in the statements filed 23 Jan 2025 and 07 Feb 2025

2021261807 **GUANGZHOU MEDICAL UNIVERSITY; THE SECOND AFFILIATED HOSPITAL OF GUANGZHOU MEDICAL UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read WEI, Lai

2022

2022246414 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 03 Feb 2025

Amendments

2022287553 **Willow Innovations, Inc.** The nature of the amendment is as shown in the statement filed 24 Jan 2025

2023

2023201950 **Veer Gear, LLC** The nature of the amendment is as shown in the statement filed 29 Jan 2025

2023216340 **CENTRE FOR NOVOSTICS** The nature of the amendment is as shown in the statement filed 07 Feb 2025

2023371779 **CELLENGENE INC** The nature of the amendment is: Amend the invention title to read Chimeric antigen receptor with increased affinity for mesothelin and use thereof

2024

2024227222 **Academia Sinica** The nature of the amendment is: Amend the name of the inventor to read LIAO, Hsin-Yu; WANG, Shih-Chi; KO, Yi-An; LIN, Kuo-I; MA, Che; CHENG, Ting-Jen and WONG, Chi-Huey

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

2009

2009275353 Haldex Brake Products Aktiebolag The name of the patentee has been altered to **Haldex Aktiebolag**

2012

2012374264 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012377126 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012377129 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2012391953 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013

2013219219 Haldex Brake Products AB The name of the patentee has been altered to **Haldex Aktiebolag**

2013223943 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013237292 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013282771 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013283122 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013283123 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Amendments

2013283124 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013283125 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013283127 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013283129 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013308317 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013316934 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013326361 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013366352 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013366357 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013371929 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013387126 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013387127 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013404374 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2013407022 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014

2014204750 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014211305 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014213862 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014220547 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014222569 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Amendments

2014222570 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014222755 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014261257 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014270210 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014270287 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014270290 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014276702 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014304415 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014313771 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014331012 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014333734 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014338838 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014345418 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014350038 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014359034 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014359041 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014369686 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2014369705 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015

2015222009 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Amendments

2015255125 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015265793 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015273350 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015310744 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015316667 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015332293 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015332294 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015332295 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015340424 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015341667 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015341668 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015359248 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015394640 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015394641 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015394642 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2015413550 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016

2016102360 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016102366 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016102372 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Amendments

2016102373 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016102374 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016102378 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016102390 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016102468 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016204619 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016221600 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016238725 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016238736 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016293213 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016299853 Swiss Tower Mill Minerals AG; Outotec (Finland) Oy The name of the patentee has been altered to **Swiss Tower Mill Minerals AG; Metso Outotec Finland Oy**

2016307806 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016335312 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016338894 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016345548 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016348815 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016348816 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016348817 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016348818 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Amendments

2016361975 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016365765 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016378809 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016378812 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016378813 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016378814 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016405671 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016406376 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016412779 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016414395 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016419983 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016432095 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2016432109 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017

2017101858 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017101907 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017201329 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017203831 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017236293 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017305865 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Amendments

2017395760 Swiss Tower Mills Minerals AG; Outotec (Finland) Oy The name of the patentee has been altered to **Swiss Tower Mills Minerals AG; Metso Outotec Finland Oy**

2017398212 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017398921 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017405653 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017419674 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017422660 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017428404 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017428648 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017428887 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2017428889 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018

2018102111 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018102218 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018221279 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018256606 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018289521 Watershed Solar, LLC The name of the patentee has been altered to **Watershed Geosynthetics LLC**

2018390760 Haldex Brake Products AB The name of the patentee has been altered to **Haldex Aktiebolag**

2018402635 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018405394 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018419251 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Amendments

2018419252 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2018419253 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019

2019100156 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019100157 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019100825 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019100826 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019100827 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019100828 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019100829 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019219858 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019254727 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2019269518 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2020

2020102936 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2020202172 Outotec (Finland) Oy; Swiss Tower Mill Minerals AG
The name of the applicant has been altered to **Metso Outotec Finland Oy; Swiss Tower Mill Minerals AG**

2020204507 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2020256410 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2021

2021102216 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2021107549 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Amendments

2021107550 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2021202921 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

2021202923 Outotec (Finland) Oy The name of the patentee has been altered to **Metso Outotec Finland Oy**

Applications Open to Public Inspection

Name Index

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

(71) 1854081 ONTARIO LTD.
 (11) AU-A-2025202807
 (21) 2025202807 (22) 22.04.2025
 (54) Apparatus and method for preparing a blast hole in a rock face during a mining operation
 (51) Int. Cl.
F42D 1/08 (2006.01)
F42D 1/00 (2006.01)
F42D 3/04 (2006.01)
 (43) 08.05.2025
 (62) 2023285882
 (72) STEELE, Roderick Mark; ROOS, Colin
 (74) Spruson & Ferguson

(71) 3M Innovative Properties Company
 (11) AU-A-2024220005
 (21) 2024220005 (22) 24.09.2024
 (54) Foam comprising thermoplastic polymers and expanded microspheres suitable for medical tapes and bandages
 (51) Int. Cl.
A61L 15/22 (2006.01)
B32B 7/12 (2006.01)
 (31) 63/591565 (32) 19.10.23 (33) US
 (43) 08.05.2025
 (72) Emslander, Diane; Emslander, Jeffrey; Strand, Lacey; Young, Jacob; Upadhye, Aniruddha; Petersen, Jessica
 (74) Davies Collison Cave Pty Ltd

(71) ABUS August Bremicker Söhne KG
 (11) AU-A-2024227362
 (21) 2024227362 (22) 16.10.2024
 (54) PORTABLE HOOP LOCK
 (51) Int. Cl.
E05B 67/18 (2006.01)
E05B 47/06 (2006.01)
E05B 67/38 (2006.01)
H01R 13/502 (2006.01)
H01R 13/639 (2006.01)
 (31) 102023129106.8 (32) 23.10.23 (33) DE
 (43) 08.05.2025
 (72) Weiershausen, Bernd
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Acres Technology
 (11) AU-A-2025202784
 (21) 2025202784 (22) 22.04.2025
 (54) System to Facilitate Communication with Casino Employees and Players and to Log Data Related to Employee Work
 (51) Int. Cl.
A63F 13/32 (2014.01)

(43) 08.05.2025
 (62) 2023202830
 (72) Acres, John F.; Parker, Kevin; McCurry, Andrea
 (74) Golja Haines & Friend

(71) Aeroe Sports Limited
 (11) AU-A-2025202739
 (21) 2025202739 (22) 17.04.2025
 (54) CYCLE ACCESSORY MOUNTING SYSTEM AND ATTACHMENT DEVICE
 (51) Int. Cl.
F16B 21/02 (2006.01)
B62J 7/00 (2006.01)
B62J 9/00 (2020.01)
F16M 13/02 (2006.01)
 (43) 08.05.2025
 (62) 2019236030
 (72) MAGUIRE, Patrick David
 (74) AJ PARK

(71) Albert Einstein College of Medicine
 (11) AU-A-2024227577
 (21) 2024227577 (22) 24.10.2024
 (54) Transdermal delivery formulations
 (51) Int. Cl.
A61K 31/352 (2006.01)
A61K 31/12 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61P 9/00 (2006.01)
A61P 29/00 (2006.01)
 (31) 18/492.833 (32) 24.10.23 (33) US
 (43) 08.05.2025
 (72) Friedman, Joel M.
 (74) FB Rice Pty Ltd

(71) Alcon Inc.
 (11) AU-A-2025202728
 (21) 2025202728 (22) 17.04.2025
 (54) HAPTIC OPTIC MANAGEMENT SYSTEM UTILIZING ROTARY ARMS
 (51) Int. Cl.
A61F 2/16 (2006.01)
 (43) 08.05.2025
 (62) 2019397587
 (72) Auld, Jack Robert; Flowers, Matthew Braden; McCawley, Matthew Douglas; Schieber, Andrew Thomas; Singh, Sudarshan B.; Souza, Marcus Antonio
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alfaisigma S.p.A.
 (11) AU-A-2025202777
 (21) 2025202777 (22) 22.04.2025
 (54) Methods for the treatment of psoriatic arthritis
 (51) Int. Cl.
A61K 31/541 (2006.01)
A61P 17/06 (2006.01)

A61P 19/02 (2006.01)
 (43) 08.05.2025
 (62) 2019273664
 (72) HARRISON, Pille; MEULENERS, Luc; TASSET, Chantal Thérèse
 (74) Davies Collison Cave Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2025202559
 (21) 2025202559 (22) 10.04.2025
 (54) COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF TMPRSS6 GENE
 (51) Int. Cl.
A61K 48/00 (2006.01)
A61K 9/127 (2006.01)
C12N 15/11 (2006.01)
 (43) 08.05.2025
 (62) 202201595
 (72) BUMCROT, David; BETTENCOURT, Brian; TOUDJARSKA, Ivanka
 (74) Griffith Hack

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2025202694
 (21) 2025202694 (22) 16.04.2025
 (54) PCSK9 iRNA compositions and methods of use thereof
 (51) Int. Cl.
C12N 15/113 (2010.01)
 (43) 08.05.2025
 (62) 2022224712
 (72) BORODOVSKY, Anna; KALLANTHOT-TATHIL, Rajeev G.; FITZGERALD, Kevin; FRANK-KAMENETSKY, Maria; QUERBES, William; MAIER, Martin; CHARISSE, Klaus; KUCHIMANCHI, Satyanarayana; MANOHARAN, Muthiah; MILSTEIN, Stuart
 (74) FB Rice Pty Ltd

(71) Amarin Pharmaceuticals Ireland Limited
 (11) AU-A-2025202801
 (21) 2025202801 (22) 22.04.2025
 (54) Methods of reducing the need for peripheral arterial revascularization in a statin-treated subject
 (51) Int. Cl.
A61K 31/232 (2006.01)
A61P 3/06 (2006.01)
A61P 9/10 (2006.01)
 (43) 08.05.2025
 (62) 2019321568
 (72) GRANOWITZ, Craig; PHILIP, Sephy
 (74) Spruson & Ferguson

(71) Amgen Inc.
 (11) AU-A-2025202772
 (21) 2025202772 (22) 22.04.2025

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(54) Improved synthesis of key intermediate of KRAS G12C inhibitor compound

(51) Int. Cl.
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)

(43) 08.05.2025
(62) 2019381817

(72) PARSONS, Andrew Thomas; CO-CHIRAN, Brian McNeil; POWAZINIK IV, William; CAPORINI, Marc Anthony
(74) Spruson & Ferguson

(71) Anduril Industries, Inc.

(11) AU-A-2025202692
(21) 2025202692 (22) 16.04.2025

(54) Systems and methods for digital imaging using computational pixel imagers with multiple in-pixel counters

(51) Int. Cl.
H04N 5/33 (2023.01)
H04N 3/09 (2006.01)
H04N 13/211 (2018.01)

(43) 08.05.2025
(62) 2020218326

(72) KELLY, Michael; COLONERO, Curtis; DAVID, Christopher; BARI, Joseph; ROSS, William

(74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.

(11) AU-A-2025202719
(21) 2025202719 (22) 17.04.2025

(54) Management system

(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
G06K 19/04 (2006.01)
G06Q 50/10 (2012.01)

(43) 08.05.2025
(62) 2019427717

(72) SHIGETA, Yasushi

(74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.

(11) AU-A-2025202757
(21) 2025202757 (22) 18.04.2025

(54) CARD SHOE APPARATUS AND TABLE GAME SYSTEM

(51) Int. Cl.
A63F 1/14 (2006.01)

(43) 08.05.2025
(62) 2023201705

(72) Shigeta, Yasushi

(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) AQUASYS LLC

(11) AU-A-2025202810
(21) 2025202810 (22) 22.04.2025

(54) SYNTHETIC AGRICULTURAL SENSOR

(51) Int. Cl.
A01B 79/00 (2006.01)
A01C 21/00 (2006.01)
G06Q 50/02 (2024.01)

(43) 08.05.2025

(62) 2021336525

(72) KOEPEL, Adam; LOCKE, Tyler; KELLY, Kevin

(74) WRAYS PTY LTD

(71) Aristocrat Technologies Australia Pty Limited

(11) AU-A-2025202755

(21) 2025202755 (22) 17.04.2025

(54) SYSTEMS AND METHODS OF ELECTRONIC GAMING INCLUDING JIGSAW REELS

(51) Int. Cl.
A63F 13/00 (2014.01)
A63F 9/24 (2006.01)

(43) 08.05.2025

(62) 2019210488

(72) Kevin, WALSH; Eric, TAYLOR

(74) Griffith Hack

(71) Astellas Pharma Inc.; BioNTech SE

(11) AU-A-2025202697

(21) 2025202697 (22) 16.04.2025

(54) BISPECIFIC TRIVALENT ANTIBODIES BINDING TO CLAUDIN6 OR CLAUDIN18.2 AND CD3 FOR TREATMENT OF CLAUDIN EXPRESSING CANCER DISEASES

(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)

(43) 08.05.2025

(62) 2022200283

(72) Sahin, Ugur; Stadler, Christiane; Fischer, Leyla; Jendretzki, Arne; Türeci, Özlem; Le Gall, Fabrice; Kreuzberg, Maria

(74) PHILLIPS ORMONDE FITZPATRICK

(71) AstraZeneca AB

(11) AU-A-2025202735

(21) 2025202735 (22) 17.04.2025

(54) COMPOSITIONS AND METHODS FOR TREATING EXTENSIVE STAGE SMALL CELL LUNG CANCER (ES-SCLC)

(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/136 (2006.01)
A61K 31/473 (2006.01)
A61K 31/555 (2006.01)
A61K 31/704 (2006.01)
A61K 31/7048 (2006.01)

A61K 33/243 (2019.01)

A61K 45/06 (2006.01)

A61P 35/00 (2006.01)

A61P 35/04 (2006.01)

C07K 16/28 (2006.01)

C07K 16/30 (2006.01)

C07K 16/32 (2006.01)

(43) 08.05.2025

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(72) Jiang, Haiyi; Huang, Yifan; Dennis, Philip; Shire, Norah; Armstrong, Jon

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Atomic Energy of Canada Limited/Énergie Atomique du Canada Limitée

(11) AU-A-2025202821

(21) 2025202821 (22) 22.04.2025

(54) Method to improve therapeutic properties of stem cells

(51) Int. Cl.
C12N 5/074 (2010.01)
A61K 35/34 (2015.01)
A61K 35/44 (2015.01)
A61K 35/545 (2015.01)
A61K 41/00 (2020.01)
A61P 21/00 (2006.01)
C12N 15/01 (2006.01)

(43) 08.05.2025

(62) 2018303381

(72) KLOKOV, Dmitry; SEBASTIAN, Soji; LE, Yevgeniya

(74) FB Rice Pty Ltd

(71) Avedro, Inc.

(11) AU-A-2025202809

(21) 2025202809 (22) 22.04.2025

(54) SYSTEMS AND METHODS TREATING FOR CORNEAL ECTATIC DISORDERS

(51) Int. Cl.
A61F 9/007 (2006.01)
A61N 5/06 (2006.01)

(43) 08.05.2025

(62) 2019345061

(72) RAJPAL, Rajesh K.; LYTLE, Grace Elizabeth

(74) Madderns Pty Ltd

(71) Axpo Grid AG

(11) AU-A-2024227245

(21) 2024227245 (22) 11.10.2024

(54) Overhead power lines and pylons identifying and inspection method

(51) Int. Cl.
G06V 20/17 (2022.01)
G06T 7/00 (2017.01)
G06T 7/55 (2017.01)
G06V 10/40 (2022.01)
G06V 10/56 (2022.01)
G06V 20/10 (2022.01)

(31) CH001171/2023 (32) 23.10.23 (33) CH

(43) 08.05.2025

(72) STUCKI, Claudio; NIEDERER, Samuel; BADERTSCHER, Hannes; SCHUSTER, Guido; LÜTHI, Bernhard; ARIZZOLI-BULATO, Lorenzo

(74) Griffith Hack

(71) B. Braun Medical, Inc.

(11) AU-A-2024227328

(21) 2024227328 (22) 15.10.2024

(54) Catheter securement device with energy dissipating body

(51) Int. Cl.
A61M 25/02 (2006.01)

(31) 18/492952

(32) 24.10.23 (33) US

(43) 08.05.2025

(72) Klein, Jason; Tomic-Edgar, Kerry; Beran, Anthony

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(71) BAMBINO PREZIOSO SWITZERLAND AG
(11) AU-A-2025202696
(21) 2025202696 (22) 16.04.2025
(54) SHOULDER STRAP WIDTH ADJUSTMENT MECHANISM AND CHILD SAFETY SEAT
(51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/02 (2006.01)
(43) 08.05.2025
(62) 2021366447
(72) ZHANG, Daliang
(74) Allens Patent & Trade Mark Attorneys

(71) BAMBINO PREZIOSO SWITZERLAND AG
(11) AU-A-2025202850
(21) 2025202850 (22) 23.04.2025
(54) CHILD SAFETY SEAT AND SEAT BASE
(51) Int. Cl.
B60N 2/28 (2006.01)
(43) 08.05.2025
(62) 2021396550
(72) ZHANG, Daliang
(74) James & Wells Intellectual Property

Baxter Healthcare SA see Baxter International Inc.
(21) 2025202748

(71) Baxter International Inc.; Baxter Healthcare SA
(11) AU-A-2025202748
(21) 2025202748 (22) 17.04.2025
(54) MEDICAL FLUID DELIVERY SYSTEM INCLUDING A MOBILE PLATFORM FOR PATIENT ENGAGEMENT AND TREATMENT COMPLIANCE
(51) Int. Cl.
G16H 10/60 (2018.01)
G16H 20/10 (2018.01)
G16H 30/20 (2018.01)
G16H 30/40 (2018.01)
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(43) 08.05.2025
(62) 2019335308
(72) WIEBENSON, Derek; GASSMAN, Christopher Daniel
(74) K&L Gates

(71) Bedgear, LLC
(11) AU-A-2025202732
(21) 2025202732 (22) 17.04.2025
(54) Independent Suspension Spring Assembly
(51) Int. Cl.
A47C 27/06 (2006.01)
(43) 08.05.2025
(62) 2023202276
(72) Alletto Jr., Eugene
(74) MBIP

(71) Beth Israel Deaconess Medical Center, Inc.; The Children's Medical Center Corporation
(11) AU-A-2025202775
(21) 2025202775 (22) 22.04.2025
(54) Therapeutic use of mitochondria and combined mitochondrial agents
(51) Int. Cl.
A61K 35/00 (2006.01)
A61K 35/12 (2015.01)
A61K 38/43 (2006.01)
A61K 38/44 (2006.01)
A61P 25/28 (2006.01)
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(72) McCully, James D.; Levitsky, Sidney; Cowan, Douglas B.; Emani, Sitaram M.; Del Nido, Pedro J.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Betterview Marketplace, Inc.
(11) AU-A-2024227450
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(54) Image analysis systems and methods for determining building footprint
(51) Int. Cl.
G06V 10/82 (2022.01)
G06T 7/32 (2017.01)
(31) 18/491,397 (32) 20.10.23 (33) US
(43) 08.05.2025
(72) SIMONELLI, Julius; SEONG, Ilsoo; JANOFISKY, Jason; MOLYNEUX, Nicholas; TOBIAS, David; LYMAN, David; TRAN, Peter; KOBAYASHI, Hiroshi
(74) Allens Patent & Trade Mark Attorneys

(71) BioJiva LLC
(11) AU-A-2025202677
(21) 2025202677 (22) 16.04.2025
(54) SITE-SPECIFIC ISOTOPIC LABELING OF 1, 4-DIENE SYSTEMS
(51) Int. Cl.
C07C 317/04 (2006.01)
C07C 69/67 (2006.01)
C07C 381/00 (2006.01)
(43) 08.05.2025
(62) 2023204024
(72) Vidovic, Dragoslav; Shchepinov, Mikhail Sergeevich
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2025202697

(71) BLITZ SYSTEMS PTY LTD
(11) AU-A-2024223980
(21) 2024223980 (22) 30.09.2024
(54) Support Structure & Assembly
(51) Int. Cl.
F16B 39/02 (2006.01)
F16B 9/00 (2006.01)
F16B 37/08 (2006.01)
H02G 3/00 (2006.01)
(31) 2023903378 (32) 23.10.23 (33) AU

(43) 08.05.2025
(72) Stutterheim, Karl
(74) Caska Intellectual Property Pty Ltd

(71) Blue River Technology Inc.; Deere & Company
(11) AU-A-2024213147
(21) 2024213147 (22) 22.08.2024
(54) USER PRIORITIES FOR PERFORMING FARMING ACTIONS
(51) Int. Cl.
G05B 13/04 (2006.01)
A01B 79/02 (2006.01)
A01M 7/00 (2006.01)
G05B 19/042 (2006.01)
(31) 18/489,514 (32) 18.10.23 (33) US
(43) 08.05.2025
(72) Anderson, Kent Michael; Conrad, Swen Ulrich; Latham, Anthony John
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) BPG BIO, INC.
(11) AU-A-2025202760
(21) 2025202760 (22) 18.04.2025
(54) PROTEOLYSIS TARGETING CHIMERA (PROTAC) COMPOSITIONS USING UBIQUITIN CONJUGATING ENZYME LIGANDS
(51) Int. Cl.
A61K 47/54 (2017.01)
C07D 401/14 (2006.01)
C07D 417/14 (2006.01)
(43) 08.05.2025
(62) 2023257930
(72) VISHNUDAS, Vivek
(74) RnB IP

(71) Buildsafe Equipment Sales Pty Ltd
(11) AU-A-2023251495
(21) 2023251495 (22) 19.10.2023
(54) A Post Support Assembly
(51) Int. Cl.
E04H 12/22 (2006.01)
E04H 12/34 (2006.01)
E04H 12/08 (2006.01)
F16M 13/02 (2006.01)
(43) 08.05.2025
(72) Horton, Peter
(74) Eagar & Associates Pty Ltd

(71) Carasel Holdings Pty Ltd
(11) AU-A-2024227506
(21) 2024227506 (22) 21.10.2024
(54) TRAILER
(51) Int. Cl.
B60L 53/57 (2019.01)
B60D 1/62 (2006.01)
B60K 1/04 (2019.01)
B60L 53/51 (2019.01)
B60L 53/52 (2019.01)
B62D 63/06 (2006.01)
F03D 9/32 (2016.01)
(31) 2023903373 (32) 23.10.23 (33) AU
(43) 08.05.2025
(72) SELBY, Katie
(74) Halfords IP

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(71) Cartotecnica G. Arici S.r.l. (11) AU-A-2025202736 (21) 2025202736 (22) 17.04.2025 (54) Thermal container (51) Int. Cl. B65D 81/38 (2006.01) (43) 08.05.2025 (62) 2019259344 (72) CORSINI, Massimo (74) FB Rice Pty Ltd	(71) Caterpillar Inc. (11) AU-A-2024220062 (21) 2024220062 (22) 25.09.2024 (54) BATTERY SWAPPING CONTROL SYSTEM FOR MOBILE ELECTRIC MACHINE (51) Int. Cl. H02J 9/06 (2006.01) B60L 53/80 (2019.01) (31) 63/591829 (32) 20.10.23 (33) US 18/658119 08.05.24 US (43) 08.05.2025 (72) THOMPSON, Brodie L.; WIGG, Jason P.; DOWLING, Alexander E.; BAUMANN, Jonathan M.; DIECKER, Andrew (74) FPA Patent Attorneys Pty Ltd	(71) CDE Global Limited (11) AU-A-2024223978 (21) 2024223978 (22) 30.09.2024 (54) METHOD AND APPARATUS FOR WASHING AND GRADING SAND (51) Int. Cl. B03D 3/00 (2006.01) B01D 21/26 (2006.01) B07B 1/28 (2006.01) (31) 2315975.9 (32) 19.10.23 (33) GB (43) 08.05.2025 (72) Convery, Anthony (74) Madderns Pty Ltd
(71) Caterpillar Inc. (11) AU-A-2024220059 (21) 2024220059 (22) 25.09.2024 (54) POWER SYSTEM FOR WORK MACHINES (51) Int. Cl. H01R 13/00 (2006.01) (31) 18/489968 (32) 19.10.23 (33) US (43) 08.05.2025 (72) KRAUSE, Steven R.; PILGRIM, Martin V. (74) FPA Patent Attorneys Pty Ltd	(71) Caterpillar Inc. (11) AU-A-2024220063 (21) 2024220063 (22) 25.09.2024 (54) SELF-CONTAINED POWER UNIT FOR A WORK MACHINE (51) Int. Cl. B60L 58/10 (2019.01) B60L 58/24 (2019.01) H02J 7/14 (2006.01) H02J 7/32 (2006.01) (31) 18/491547 (32) 20.10.23 (33) US (43) 08.05.2025 (72) WOLFERT, Michael J.; DIECKER, Andrew E.; DOWLING, Alexander E. (74) FPA Patent Attorneys Pty Ltd	(71) Center Rock Inc. (11) AU-A-2024227079 (21) 2024227079 (22) 03.10.2024 (54) UNDERREAMER DRILL HAMMER (51) Int. Cl. E21B 10/32 (2006.01) E21B 1/38 (2006.01) E21B 4/06 (2006.01) (31) 18/491,085 (32) 20.10.23 (33) US (43) 08.05.2025 (72) Lay, Warren Thomas; Hine, Austin C (74) JMSPD IP Pty Ltd
(71) Caterpillar Inc. (11) AU-A-2024220060 (21) 2024220060 (22) 25.09.2024 (54) UNDERGROUND HAUL TRUCK (51) Int. Cl. B60K 1/04 (2019.01) B60L 7/00 (2006.01) B60L 50/60 (2019.01) B60L 53/80 (2019.01) B60L 58/18 (2019.01) B60P 1/04 (2006.01) B62D 53/02 (2006.01) (31) 18/491705 (32) 20.10.23 (33) US (43) 08.05.2025 (72) DIECKER, Andrew E.; WOLFERT, Michael J.; DOWLING, Alexander E. (74) FPA Patent Attorneys Pty Ltd	(71) Caterpillar Inc. (11) AU-A-2024220064 (21) 2024220064 (22) 25.09.2024 (54) POWER UNIT REPLACEMENT SYSTEM FOR A WORK MACHINE (51) Int. Cl. B66F 1/06 (2006.01) B66F 3/00 (2006.01) B66F 7/00 (2006.01) B66F 9/02 (2006.01) B66F 19/00 (2006.01) (31) 18/491532 (32) 20.10.23 (33) US (43) 08.05.2025 (72) WIGG, Jason P.; CARPENTER, Christopher D.; ALDRIDGE, Thomas; FRANKS, Rowan T.; PARKER, Travis C.; HANSEN, Matthew T.; SPRINGER, Steven D. (74) FPA Patent Attorneys Pty Ltd	(71) CFPH, LLC (11) AU-A-2025202780 (21) 2025202780 (22) 22.04.2025 (54) SYSTEMS AND METHODS OF DETECTING MANIPULATIONS ON A BINARY OPTIONS EXCHANGE (51) Int. Cl. G06Q 40/00 (2023.01) (43) 08.05.2025 (62) 2023202839 (72) Jaycocks, Rich; Walker, James Les; Glantz, Nolan (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
(71) Caterpillar Inc. (11) AU-A-2024220061 (21) 2024220061 (22) 25.09.2024 (54) SYSTEMS AND METHODS FOR OPERATING A CONTROLLER AREA NETWORK (51) Int. Cl. B60R 16/023 (2006.01) B60R 16/033 (2006.01)	(71) Caterpillar Inc. (11) AU-A-2024220065 (21) 2024220065 (22) 25.09.2024 (54) SYSTEMS AND METHODS FOR COOLING A SECONDARY BATTERY	(71) Children's Hospital & Research Center at Oakland (11) AU-A-2025202774 (21) 2025202774 (22) 22.04.2025 (54) Factor H binding protein variants and methods of use thereof (51) Int. Cl. C07K 14/22 (2006.01) A61K 39/095 (2006.01) A61P 31/04 (2006.01)

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(43) 08.05.2025
(62) 2023204391
(72) BEERNINK, Peter T.
(74) FB Rice Pty Ltd
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- (71)** CHINA UNIVERSITY OF MINING AND TECHNOLOGY
(11) AU-A-2024278253
(21) 2024278253 **(22)** 01.03.2024
(54) COLLABORATIVE DISPATCHING METHOD FOR EMERGENCY WORKING CONDITION IN RAIL TRANSIT AND SYSTEM THEREOF
(51) Int. Cl.
B61L 25/02 (2006.01)
B61L 23/00 (2006.01)
B61L 27/57 (2022.01)
B61L 27/60 (2022.01)
G06N 20/00 (2019.01)
(31) 202311355590.5 **(32)** 18.10.23 **(33)** CN
(43) 08.05.2025
(72) YAN, Huailin; ZHAO, Yongchang; DING, Jia; BIAN, Zirui; WANG, Kai; CHEN, Xiaoyu; CHANG, Hongfei; ZHOU, Yunfei; WANG, Meng; LIU, Heng
(74) Baxter Patent Attorneys Pty Ltd
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- (71)** CHINA UNIVERSITY OF MINING AND TECHNOLOGY
(11) AU-A-2024278254
(21) 2024278254 **(22)** 01.03.2024
(54) METHOD FOR DISTRIBUTING PASSENGER FLOW IN RAIL TRANSIT, SYSTEM FOR DISTRIBUTING PASSENGER FLOW IN RAIL TRANSIT AND ELECTRONIC DEVICE
(51) Int. Cl.
G06V 40/10 (2022.01)
G06F 16/24 (2019.01)
G06V 10/74 (2022.01)
(31) 202311349627.3 **(32)** 18.10.23 **(33)** CN
(43) 08.05.2025
(72) YAN, Huailin; ZHAO, Yongchang; DING, Jia; BIAN, Zirui; WANG, Kai; CHEN, Xiaoyu; CHANG, Hongfei; ZHOU, Yunfei; WANG, Meng; WANG, Zhi
(74) Baxter Patent Attorneys Pty Ltd
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- (71)** Colgate-Palmolive Company
(11) AU-A-2025202808
(21) 2025202808 **(22)** 22.04.2025
(54) Oral care compositions comprising hydroxyapatite
(51) Int. Cl.
A61Q 11/00 (2006.01)
A61K 8/19 (2006.01)
A61K 8/24 (2006.01)
A61K 8/25 (2006.01)
(43) 08.05.2025
(62) 2022316128
(72) ZHANG, Dennis; RINAUDI MARRON, Luciana; LAVENDER, Stacey; GOVIN-DARAJU, Gokul; RUAN, Qichao
(74) Spruson & Ferguson

- (71)** Cook Medical Technologies LLC
(11) AU-A-2023251493
(21) 2023251493 **(22)** 19.10.2023
(54) PLEURAL DRAINAGE CATHETER
(51) Int. Cl.
A61M 25/01 (2006.01)
A61B 8/08 (2006.01)
A61L 29/02 (2006.01)
A61L 29/14 (2006.01)
A61L 29/18 (2006.01)
A61M 25/00 (2006.01)
A61M 27/00 (2006.01)
A61M 39/02 (2006.01)
(43) 08.05.2025
(72) Dowell, Angela R.; Tanner, Shaun A.; Ferrari, Eugene M.; Puckett, Daniel G.; Isch, Andrew P.; Drewes, David A.; Hardert, Kathryn; McGoff, Adam
(74) Madderns Pty Ltd
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- (71)** CubicPV Inc.
(11) AU-A-2025202759
(21) 2025202759 **(22)** 18.04.2025
(54) METHOD OF FORMULATING PEROVSKITE SOLAR CELL MATERIALS
(51) Int. Cl.
H01L 31/04 (2014.01)
C01G 23/04 (2006.01)
H01L 31/18 (2006.01)
(43) 08.05.2025
(62) 2023204268
(72) Irwin, Michael D.; Chute, Jerred A.; Dhas, Vivek V.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** CubicPV Inc.
(11) AU-A-2025202823
(21) 2025202823 **(22)** 23.04.2025
(54) HYBRID PEROVSKITE MATERIAL PROCESSING
(51) Int. Cl.
G03C 8/36 (2006.01)
B05D 1/38 (2006.01)
B05D 3/10 (2006.01)
C01D 3/12 (2006.01)
C01G 21/16 (2006.01)
C07C 19/00 (2006.01)
C07C 233/03 (2006.01)
(43) 08.05.2025
(62) 2024202482
(72) Irwin, Michael D.; Mielczarek, Kamil; Dhas, Vivek V.
(74) RnB IP Pty Ltd
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- (71)** CubicPV Inc.
(11) AU-A-2025202834
(21) 2025202834 **(22)** 23.04.2025
(54) PEROVSKITE AND OTHER SOLAR CELL MATERIALS
(51) Int. Cl.
H01L 31/0256 (2006.01)
H01L 31/04 (2014.01)
(43) 08.05.2025
(62) 2023204580
(72) Irwin, Michael D.; Chute, Jerred A.
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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- (71)** Cummins Power Generation Inc.
(11) AU-A-2024227559
(21) 2024227559 **(22)** 23.10.2024
(54) Multi-source electrified propulsion
(51) Int. Cl.
B60L 50/16 (2019.01)
B60L 58/10 (2019.01)
(31) 18/922,193 **(32)** 21.10.24 **(33)** US
63/592,748 24.10.23 US
(43) 08.05.2025
(72) GENTER, David P.; ZUR LOYE, Axel O.; KITCHEN, Andrew Guy
(74) FB Rice Pty Ltd
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- (71)** Cummins Power Generation Inc.
(11) AU-A-2024227567
(21) 2024227567 **(22)** 23.10.2024
(54) Controllers, methods, and systems for energy source selection
(51) Int. Cl.
B60L 50/16 (2019.01)
B60L 58/10 (2019.01)
(31) 63/592,807 **(32)** 24.10.23 **(33)** US
18/922,279 21.10.24 US
(43) 08.05.2025
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(74) FB Rice Pty Ltd
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(21) 2025202789
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- (71)** Dana-Farber Cancer Institute, Inc.
(11) AU-A-2025202811
(21) 2025202811 **(22)** 22.04.2025
(54) Compositions and methods for augmenting antibody mediated receptor signaling
(51) Int. Cl.
A61K 39/42 (2006.01)
A61K 39/395 (2006.01)
(43) 08.05.2025
(62) 2018215673
(72) MARASCO, Wayne A.; ZHU, Quan Karen
(74) Spruson & Ferguson
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- (71)** DEEPCURE INC.
(11) AU-A-2025202723
(21) 2025202723 **(22)** 17.04.2025
(54) ELECTRODE APPARATUS FOR BLOCKING OR CONTROLLING NERVES IN BODY
(51) Int. Cl.
A61B 18/14 (2006.01)
A61B 18/00 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
(43) 08.05.2025
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(71) Dejero Labs Inc. (11) AU-A-2025202731 (21) 2025202731 (22) 17.04.2025 (54) Systems and methods for communications using blended wide area networks (51) Int. Cl. H04L 47/56 (2022.01) H04H 20/95 (2008.01) H04L 47/283 (2022.01) H04L 47/62 (2022.01) (43) 08.05.2025 (62) 2023283691 (72) SZE, David Pui Keung; AZZAM, Imad; KENNEDY, David John (74) FB Rice Pty Ltd	(71) Dilworth, G. (11) AU-A-2023251423 (21) 2023251423 (22) 17.10.2023 (54) Architrave quirk jig (51) Int. Cl. E04F 21/00 (2006.01) B25H 7/02 (2006.01) (43) 08.05.2025 (72) Dilworth, Grant (74) Grant Dilworth	(71) Fanca Technologies Pty Ltd (11) AU-A-2023254908 (21) 2023254908 (22) 24.10.2023 (54) A DUST EXTRACTION DEVICE (51) Int. Cl. B01D 46/00 (2022.01) B01D 45/12 (2006.01) B65G 43/08 (2006.01) (43) 08.05.2025 (72) Fanning, Andrew (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
(71) Dexcom, Inc. (11) AU-A-2025202812 (21) 2025202812 (22) 22.04.2025 (54) Sensor cable support device including mechanical connectors (51) Int. Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01)	(71) Dolby Laboratories Licensing Corporation (11) AU-A-2025202833 (21) 2025202833 (22) 23.04.2025 (54) System and method for adaptive audio signal generation, coding and rendering (51) Int. Cl. H04S 7/00 (2006.01) H04S 3/00 (2006.01) (43) 08.05.2025 (62) 2023200502 (72) Robinson, Charles Q.; Tsingos, Nicolas R.; Chabanne, Christophe (74) Chrysiliou IP	(71) FinCo Services, Inc. (11) AU-A-2025202841 (21) 2025202841 (22) 23.04.2025 (54) Cryptographic technology platform and methods for providers to enable users to monetize their data (51) Int. Cl. H04L 9/32 (2006.01)
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 GADOT, Aviv; STEPHENS, Josh
(74) Spruson & Ferguson

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(11) AU-A-2025202740
(21) 2025202740 **(22)** 17.04.2025
(54) A HUMIDIFICATION ASSEMBLY
(51) Int. Cl.
A61M 16/16 (2006.01)
A61M 1/00 (2006.01)
A61M 16/00 (2006.01)
A61M 16/08 (2006.01)
A61M 16/10 (2006.01)
(43) 08.05.2025
(62) 2019331738
(72) WHITE, Craig Karl; MCDERMOTT,
 Gareth Thomas; MATTHEWS, Camer-
 on Leslie; MASSEY, Shane Terry
(74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2025202804
(21) 2025202804 **(22)** 22.04.2025
(54) A COLLAPSIBLE CONDUIT, PATIENT
 INTERFACE AND HEADGEAR CON-
 NECTOR
(51) Int. Cl.
A61M 16/08 (2006.01)
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(72) Holyoake, Bruce Gordon; Klink, Ger-
 man; Evans, Alicia Jerram Hunter;
 White, Craig Karl
(74) AJ PARK

(71) Fluidmaster, Inc.
(11) AU-A-2025202825
(21) 2025202825 **(22)** 23.04.2025
(54) MODULAR FLUID VALVE
(51) Int. Cl.
E03D 1/30 (2006.01)
E03D 1/32 (2006.01)
E03D 1/34 (2006.01)
(43) 08.05.2025
(62) 2019256530
(72) LE, Tuan Van; HAN, Joseph Unkyung;
 PENA, Salvador
(74) Pizzey's Patent and Trade Mark Attor-
 neys Pty Ltd

(71) FONTERRA CO-OPERATIVE GROUP
 LIMITED
(11) AU-A-2025202669
(21) 2025202669 **(22)** 16.04.2025
(54) DAIRY PRODUCT AND PROCESS
(51) Int. Cl.
A23C 19/00 (2006.01)
A23C 19/05 (2006.01)
A23C 19/055 (2006.01)
A23C 19/093 (2006.01)
A23C 20/00 (2006.01)

A23J 1/20 (2006.01)
(43) 08.05.2025
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(72) PURYER COKER, Christina June; RE-
 ID, David Campbell Wemyss; HILL,
 Jeremy Paul; LEGG, Andrew Keith;
 KISHOR, Leena; DYBING, Stephen
 Thomas; HARPER, Samuel James
(74) AJ PARK

(71) Fred Hutchinson Cancer Center
(11) AU-A-2025202743
(21) 2025202743 **(22)** 17.04.2025
(54) TCRs specific for minor histocompatibil-
 ity (H) antigen HA-1 and uses thereof
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
C07K 14/195 (2006.01)
C07K 14/71 (2006.01)
C07K 14/725 (2006.01)
C12N 9/22 (2006.01)
(43) 08.05.2025
(62) 2017331362
(72) BLEAKLEY, Marie; DOSSA, Robson;
 SOMMERMEYER, Daniel
(74) Spruson & Ferguson

(71) Garock Pty Ltd
(11) AU-A-2025202814
(21) 2025202814 **(22)** 22.04.2025
(54) Rock Bolt
(51) Int. Cl.
E21D 21/00 (2006.01)
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(43) 08.05.2025
(62) 2023202198
(72) ALINGTON, Adrian; MALTBY, David
(74) WRAYS PTY LTD

(71) GAZMICK PTY LIMITED
(11) AU-A-2024287300
(21) 2024287300 **(22)** 24.10.2024
(54) EARTH AND ROCK ENERGY AB-
 SORBING STABILISER MEMBERS
(51) Int. Cl.
E21D 21/00 (2006.01)
E21D 20/02 (2006.01)
(31) 2023903388 **(32)** 24.10.23 **(33)** AU
(43) 08.05.2025
(72) DAVISON, Gary
(74) Denneweyer & Associates

(71) GEN-Y CREATIONS, LLC
(11) AU-A-2024227372
(21) 2024227372 **(22)** 16.10.2024
(54) HITCH AND METHOD OF MANUFAC-
 TURE
(51) Int. Cl.
B60D 1/06 (2006.01)
(31) 18/382082 **(32)** 20.10.23 **(33)** US
(43) 08.05.2025
(72) BORKHOLDER, Carl J
(74) AJ PARK

(71) GFB (ABC), LLC
(11) AU-A-2025202716
(21) 2025202716 **(22)** 17.04.2025
(54) Imidazodiazepinediones and methods
 of use thereof
(51) Int. Cl.
C07D 243/06 (2006.01)
A61K 31/551 (2006.01)
A61K 31/5513 (2006.01)
A61K 31/5517 (2006.01)
C07D 243/10 (2006.01)
C07D 243/12 (2006.01)
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(62) 2019231208
(72) DANIELS, Matthew H.; YU, Maolin;
 HARMANGE, Jean-Christophe P.; TIB-
 BITTS, Thomas T.; LEDEBOER, Mark
 W.; CASTLE, Neil A.; MALOJCIC, Gor-
 an
(74) Spruson & Ferguson

(71) Gilead Sciences, Inc.
(11) AU-A-2025202745
(21) 2025202745 **(22)** 17.04.2025
(54) 1'-cyano nucleoside analogs and uses
 thereof
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/53 (2006.01)
A61P 31/12 (2006.01)
(43) 08.05.2025
(62) 2021296841
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 Kwon; CLARKE, Michael O.; JANSAN,
 Petr; KALLA, Rao V.; KOLTUN, Dmitry;
 MACKMAN, Richard L.; PERRY, Thao
 D.; SIEGEL, Dustin S.; SIMONOVICH,
 Scott P.
(74) FPA Patent Attorneys Pty Ltd

(71) Haemoband Surgical Limited
(11) AU-A-2024227318
(21) 2024227318 **(22)** 14.10.2024
(54) LIGATOR
(51) Int. Cl.
A61B 17/12 (2006.01)
A61B 17/128 (2006.01)
(31) 2316198.7 **(32)** 23.10.23 **(33)** GB
(43) 08.05.2025
(72) Ghareeb, Essam Mohamed; McMullan,
 Michael
(74) Madderns Pty Ltd

(71) HAEMONETICS CORPORATION
(11) AU-A-2025202749
(21) 2025202749 **(22)** 17.04.2025
(54) HEALTH CARE PROVIDER DATA
 SYSTEMS PROCESSING AND ANA-
 LYTICS
(51) Int. Cl.
G06Q 50/00 (2024.01)
(43) 08.05.2025
(62) 2019331418
(72) Melvin, TAN; James, ODEEN; Chris-
 topher, CAIRNS; Ronald, SHEEHAN
(74) Griffith Hack

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(21) 2024205687 (22) 12.08.2024
(54) Load handling system
(51) Int. Cl.

B60P 1/64 (2006.01)
B66C 23/36 (2006.01)

(31) 23204622.7 (32) 19.10.23 (33) EP
(43) 08.05.2025
(72) VÄHÄ-PIIKKIÖ, Ville; MATTILA, Tommi;
SIRÉN, Pasi
(74) GLMR

(71) Hiab AB
(11) AU-A-2024205716
(21) 2024205716 (22) 13.08.2024
(54) A locking assembly
(51) Int. Cl.

B60P 7/13 (2006.01)
B66C 1/00 (2006.01)

(31) 23204623.5 (32) 19.10.23 (33) EP
(43) 08.05.2025
(72) VÄHÄ-PIIKKIÖ, Ville; MATTILA, Tommi
(74) GLMR

(71) HOLDEN, J.
(11) AU-A-2024227315
(21) 2024227315 (22) 14.10.2024
(54) FITTING FOR BUILDING PANEL ASSEMBLIES
(51) Int. Cl.

E04D 3/366 (2006.01)
E04D 3/35 (2006.01)
E04D 3/362 (2006.01)
E04F 13/08 (2006.01)
F16B 5/00 (2006.01)
F21V 19/00 (2006.01)
F21V 21/00 (2006.01)
H02G 3/36 (2006.01)
E04D 3/361 (2006.01)

(31) 2023903387 (32) 24.10.23 (33) AU
(43) 08.05.2025
(72) SIITONEN, Manu
(74) Halfords IP

(71) Howmedica Osteonics Corp.
(11) AU-A-2024227340
(21) 2024227340 (22) 15.10.2024
(54) MODULAR INSTRUMENT AND METHODS OF USING AND MANUFACTURING THE MODULAR INSTRUMENT
(51) Int. Cl.

A61B 17/16 (2006.01)
A61B 17/56 (2006.01)

(31) 63/545,423 (32) 24.10.23 (33) US
(43) 08.05.2025
(72) Crous, Heinrich George
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2025202705
(21) 2025202705 (22) 17.04.2025
(54) Data transmission method and apparatus
(51) Int. Cl.

H04W 4/06 (2009.01)
H04W 68/02 (2009.01)

(43) 08.05.2025
(62) 2021420357
(72) LI, Bingzhao
(74) Spruson & Ferguson

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2025202827
(21) 2025202827 (22) 23.04.2025
(54) CHROMA BLOCK PREDICTION METHOD AND APPARATUS
(51) Int. Cl.

H04N 19/182 (2014.01)
H04N 19/186 (2014.01)
H04N 19/593 (2014.01)

(43) 08.05.2025
(62) 2019419130
(72) Ma, Xiang; Mu, Fan; Zhao, Yin; Yang, Haitao
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2025202828
(21) 2025202828 (22) 23.04.2025
(54) INDEX SIGNALING FOR REFERENCE PICTURE LIST STRUCTURES
(51) Int. Cl.

H04N 13/00 (2018.01)

(43) 08.05.2025
(62) 2023237082
(72) Hendry, Fnu; Wang, Ye-Kui
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Immunix Therapeutics, Inc.
(11) AU-A-2025202722
(21) 2025202722 (22) 17.04.2025
(54) Therapeutic compositions for viral-associated disease states and methods of making and using same
(51) Int. Cl.

A61M 1/14 (2006.01)

(43) 08.05.2025
(62) 2023200800
(72) Rae, Carol A.; Simoni, Jan; Moeller, John F.
(74) Davies Collision Cave Pty Ltd

(71) Imtrade Australia Pty Ltd
(11) AU-A-2024227518
(21) 2024227518 (22) 22.10.2024
(54) Fenitrothion formulation
(51) Int. Cl.

A01N 57/14 (2006.01)
A01N 25/00 (2006.01)
A01N 25/02 (2006.01)
A01N 37/36 (2006.01)
A01N 43/22 (2006.01)
A01N 43/30 (2006.01)
A01N 53/00 (2006.01)
A01P 7/04 (2006.01)

(31) 2023903374 (32) 23.10.23 (33) AU
(43) 08.05.2025
(72) RAINBIRD, Ross; MCPHEE, Neil
(74) Spruson & Ferguson

(71) Innovative Cardiovascular Solutions, LLC
(11) AU-A-2025202800
(21) 2025202800 (22) 22.04.2025
(54) Embolic protection device
(51) Int. Cl.

A61F 2/01 (2006.01)

(43) 08.05.2025
(62) 2019231663
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(54) Interface for robot cleaner evacuation
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A47L 11/40 (2006.01)
G08B 21/00 (2006.01)

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(54) LIGHT BODY CONNECTING STRUCTURE, LAMPSHADE, STRING LIGHT, AND ASSEMBLING METHOD OF STRING LIGHT
(51) Int. Cl.

H01R 24/30 (2011.01)
F21S 4/20 (2016.01)

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C08L 23/06 (2006.01)
C08K 5/103 (2006.01)
C08L 23/12 (2006.01)
C08L 23/14 (2006.01)
C08L 23/16 (2006.01)
C08K 3/26 (2006.01)

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(54) Granulated agricultural adjuvant and method of making and using same
(51) Int. Cl.

C05G 3/00 (2020.01)

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A01N 25/26 (2006.01)
A01N 25/30 (2006.01)
A01N 59/02 (2006.01)
C01C 1/24 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
C12N 15/63 (2006.01)
A61K 35/17 (2015.01)
C07K 14/725 (2006.01)
C07K 16/30 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/113 (2010.01)
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(54) FLUID CONTAINER PROVIDED WITH A DISPENSING VALVE WITH AN ELECTRONIC DEVICE RETAINED BY A PROTECTIVE COVER.
(51) Int. Cl.
F17C 1/00 (2006.01)
B65D 83/14 (2006.01)
F17C 13/04 (2006.01)
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C12Q 1/6886 (2018.01)
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(51) Int. Cl.
F25C 1/24 (2018.01)
F25C 1/18 (2006.01)
F25C 1/25 (2018.01)
F25C 5/08 (2006.01)
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D06F 58/46 (2020.01)
D06F 33/70 (2020.01)
D06F 34/26 (2020.01)
D06F 58/08 (2006.01)
D06F 58/20 (2006.01)
D06F 58/40 (2020.01)
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A23L 27/10 (2016.01)
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(54) APPARATUS AND METHOD FOR DIAGNOSING DEVELOPMENTAL DISORDERS

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G16H 50/20 (2018.01)
A61B 5/103 (2006.01)
A61B 5/16 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G16H 10/20 (2018.01)
G16H 10/60 (2018.01)
G16H 15/00 (2018.01)
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A61B 5/00 (2006.01)
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(54) Use Of Inhaled Nitric Oxide And Oxygen For The Treatment Of Pulmonary Hypertension
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A61M 16/06 (2006.01)
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G06Q 30/06 (2023.01)
G06Q 10/08 (2024.01)
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C07D 471/04 (2006.01)
A61K 31/4375 (2006.01)
A61P 35/00 (2006.01)
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B60H 1/24 (2006.01)
B60H 1/26 (2006.01)
B60H 1/34 (2006.01)
B60H 3/06 (2006.01)
B60H 1/00 (2006.01)
B60P 3/32 (2006.01)
H01Q 1/32 (2006.01)
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G06F 21/60 (2013.01)
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G06Q 10/107 (2023.01)
H04L 9/40 (2022.01)
H04L 51/21 (2022.01)
H04W 12/088 (2021.01)
(43) 08.05.2025
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(74) Mohammad Ali Mirza Agha Tabar

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(21) 2024227444 (22) 18.10.2024
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E04B 1/41 (2006.01)
E04B 1/49 (2006.01)
E04F 15/08 (2006.01)
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(54) LIPOPHILLICALLY DISPERSED PHENOLIC POLYMER PARTICLES
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A61K 8/04 (2006.01)

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A61K 8/97 (2017.01)
A61Q 17/04 (2006.01)
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E04H 4/16 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys

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(54) DEVICE AND METHOD FOR COLLECTING PLASMA
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B01L 3/00 (2006.01)
G01N 33/48 (2006.01)
G01N 33/483 (2006.01)
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(54) Data protection system and Method
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G06Q 20/38 (2012.01)
H04L 9/32 (2006.01)
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(54) Novel anti-CD3 antibodies
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C07K 16/18 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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H02J 7/34 (2006.01)
E05B 47/00 (2006.01)
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(51) Int. Cl.
A61K 36/18 (2006.01)
A61K 31/05 (2006.01)
A61K 31/357 (2006.01)
A61K 47/02 (2006.01)
A61P 21/00 (2006.01)
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(74) WRAYS PTY LTD

(71) Orica International Pte Ltd
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(54) Systems, apparatuses, devices, and methods for initiating or detonating tertiary explosive media by way of photonic energy
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B60R 21/264 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(51) Int. Cl.
A61B 5/1455 (2006.01)
A61B 5/00 (2006.01)
G08B 21/02 (2006.01)
H04R 1/10 (2006.01)
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C21D 9/50 (2006.01)
C21D 8/00 (2006.01)
C21D 9/04 (2006.01)
C21D 11/00 (2006.01)
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(54) SOFT TISSUE RETENTION DEVICE, INSTRUMENTATION AND RELATED METHODS
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A61F 2/08 (2006.01)
A61B 17/17 (2006.01)
A61B 17/68 (2006.01)
A61B 17/72 (2006.01)
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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(54) SYSTEMS AND METHODS FOR DISPENSING A BEVERAGE
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B67D 1/12 (2006.01)
B67D 1/00 (2006.01)
B67D 1/08 (2006.01)
B67D 7/78 (2010.01)
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(74) Allens Patent & Trade Mark Attorneys

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(54) A combined injection and abstraction valve
(51) Int. Cl.
E21B 34/00 (2006.01)
E21B 34/02 (2006.01)
F16K 3/26 (2006.01)
F16K 31/122 (2006.01)
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(54) Methods and systems for registering preoperative image data to intraoperative image data of a scene, such as a surgical scene
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A61B 34/10 (2016.01)
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G06T 7/33 (2017.01)
G06T 15/08 (2011.01)
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A61L 2/00 (2006.01)
G01N 33/543 (2006.01)
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G01B 21/04 (2006.01)
G01B 17/02 (2006.01)
G01S 15/08 (2006.01)
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(54) Obstacle monitoring systems and methods for same
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B64C 39/02 (2023.01)
G01C 21/00 (2006.01)
G05D 1/00 (2024.01)
H04W 64/00 (2009.01)
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A01K 67/00 (2006.01)
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(71) Resource West, Inc.
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(54) Evaporator for ambient water bodies, and related system and method
(51) Int. Cl.
F04D 25/08 (2006.01)
F04D 29/02 (2006.01)
F04D 29/52 (2006.01)
F04D 29/54 (2006.01)
F04D 29/64 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

(71) Robert Bosch GmbH
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(54) Method for increasing radar visibility in a vehicle
(51) Int. Cl.
G01S 13/82 (2006.01)
B62J 6/20 (2006.01)
B62J 27/00 (2020.01)
B62J 45/40 (2020.01)
G01S 13/931 (2020.01)
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E03C 1/04 (2006.01)
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(72) HOLLIDGE, Michael
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2024227353
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B62D 33/08 (2006.01)

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(74) FB Rice Pty Ltd

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E05B 47/00 (2006.01)
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(74) Alder IP Pty Ltd

(71) Schlumberger Technology B.V.
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(21) 2024227447 (22) 18.10.2024
(54) Sensor adaptor for flange
(51) Int. Cl.

G01D 11/24 (2006.01)
F16L 23/00 (2006.01)
F16L 25/00 (2006.01)
F16L 55/00 (2006.01)
G01D 11/30 (2006.01)
G01F 1/58 (2006.01)
G01F 15/18 (2006.01)

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(54) DEVICE FOR PROTECTION AGAINST OVERVOLTAGES, AS WELL AS ELECTRICAL INSTALLATION COMPRISING SUCH A PROTECTION DEVICE
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H01H 71/08 (2006.01)
H01R 9/26 (2006.01)
H01R 13/639 (2006.01)
H01R 25/16 (2006.01)
H02B 1/20 (2006.01)

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(74) Madderns Pty Ltd

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(54) Compositions and methods for growth factor modulation

(51) Int. Cl.
C07K 14/495 (2006.01)
A61K 38/18 (2006.01)
C07K 16/00 (2006.01)
C12N 15/09 (2006.01)
G01N 33/53 (2006.01)

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(72) SCHURPF, Thomas; MAHANTHAPPA, Nagesh K.; STRAUB, Michelle Marie
(74) FB Rice Pty Ltd

(71) SCREEN Holdings Co., Ltd.
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(21) 2024227242 (22) 11.10.2024
(54) ELECTRODE STRUCTURE, GAS DIFFUSION LAYER, AND WATER ELECTROLYZER
(51) Int. Cl.
H01M 8/023 (2016.01)
C25B 9/23 (2021.01)
C25B 11/031 (2021.01)
C25B 11/052 (2021.01)
H01M 4/86 (2006.01)

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(43) 08.05.2025
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(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2025202733
(21) 2025202733 (22) 17.04.2025
(54) Method for Treating Autoimmune Disease using Cd4 T-Cells with Engineered Stabilization of Expression of Endogenous Foxp3 Gene
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/66 (2006.01)

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(72) Scharenberg, Andrew M.; Rawlings, David J.; Torgerson, Troy
(74) MBIP

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(11) AU-A-2023254867
(21) 2023254867 (22) 23.10.2023
(54) LED Bulb with Photodiode Light Sensor and Microwave Sensor
(51) Int. Cl.

F21V 23/04 (2006.01)
(43) 08.05.2025
(72) peng, cheng; han, sheng
(74) Ace Hardware Australia

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(11) AU-A-2023254869
(21) 2023254869 (22) 23.10.2023
(54) LED BULB COLOR TEMPERATURE SELECTION
(51) Int. Cl.
F21S 10/02 (2006.01)
F21K 9/232 (2016.01)
F21K 9/235 (2016.01)

F21K 9/237 (2016.01)
F21V 23/00 (2015.01)
F21V 23/04 (2006.01)
F21K 9/66 (2016.01)
F21V 9/08 (2018.01)
F21Y 113/10 (2016.01)
F21Y 115/10 (2016.01)

(43) 08.05.2025
(72) peng, cheng; han, sheng
(74) Ace Hardware Australia

(71) Shenzhen Porshealth Bioengineering Co., Ltd.
(11) AU-A-2024227415
(21) 2024227415 (22) 17.10.2024
(54) LACTOBACILLUS ACIDOPHILUS GOLDGUT-LA100 HAVING FUNCTIONS OF LIPID LOWERING, BLOOD GLUCOSE LOWERING AND WEIGHT LOSS AND APPLICATION THEREOF
(51) Int. Cl.
C12N 1/20 (2006.01)
A23L 33/135 (2016.01)
A61K 35/747 (2015.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
C12R 1/23 (2006.01)

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(74) Remarkable IP

(71) Siemens Mobility GmbH
(11) AU-A-2024227126
(21) 2024227126 (22) 04.10.2024
(54) Method for determining a wagon sequence of a track-guided vehicle combination
(51) Int. Cl.
B61L 25/02 (2006.01)
B61L 15/00 (2006.01)
B61L 27/10 (2022.01)
B61L 27/40 (2022.01)
G07C 5/10 (2006.01)

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(43) 08.05.2025
(72) LEITEL, Holger
(74) Spruson & Ferguson

(71) Sigilon Therapeutics, Inc.
(11) AU-A-2025202824
(21) 2025202824 (22) 23.04.2025
(54) IMPLANTABLE PARTICLES AND RELATED METHODS
(51) Int. Cl.
A61K 9/50 (2006.01)
A61K 35/00 (2006.01)
C08B 37/00 (2006.01)
C12N 5/00 (2006.01)

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Devyn McKinley; WOTTON, Paul Kevin;
O'CONNOR, Owen; SEWELL, Jared A.
(74) Pearce IP Pty Ltd

(71) SKYLOTEC GmbH
(11) AU-A-2024227319
(21) 2024227319 (22) 14.10.2024
(54) A Portable Power-Driven System
(51) Int. Cl.
B66D 1/74 (2006.01)
(31) 23204983.3 (32) 20.10.23 (33) EP
(43) 08.05.2025
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EITERJORD, Jimmy
(74) WRAYS PTY LTD

(71) SKYLOTEC GmbH
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(21) 2024227360 (22) 15.10.2024
(54) Fall Arrest Device
(51) Int. Cl.
A62B 35/00 (2006.01)
A62B 1/10 (2006.01)
(31) 23205422.1 (32) 24.10.23 (33) EP
(43) 08.05.2025
(72) BONAITI, Mattia; PEGURRI, Ugo
(74) WRAYS PTY LTD

(71) Sleep Number Corporation
(11) AU-A-2025202701
(21) 2025202701 (22) 16.04.2025
(54) Adjustable bed system having split-
head configuration
(51) Int. Cl.
A47C 20/04 (2006.01)
(43) 08.05.2025
(62) 2023200215
(72) PALASHEWSKI, Wade Daniel; ROSE,
Eric; BROSNAN, Aran
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(71) Solera Holdings, Inc.
(11) AU-A-2025202717
(21) 2025202717 (22) 17.04.2025
(54) APPARATUS AND METHOD FOR
COMBINED VISUAL INTELLIGENCE
(51) Int. Cl.
G06Q 10/00 (2023.01)
G06Q 40/08 (2012.01)
(43) 08.05.2025
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(72) STUCKI, Pascal; NAFISI, Nima; DE
BUREN, Pascal; GOZENBACH,
Maurice
(74) Pizzey's Patent and Trade Mark Attor-
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(71) Stryker Corporation
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(54) Patient support apparatus with care-
giver reminders
(51) Int. Cl.
A61B 5/00 (2006.01)

A61B 5/11 (2006.01)
A61B 5/113 (2006.01)
A61B 5/117 (2016.01)
G16H 40/00 (2018.01)
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cide; BUICK, David
(74) Davies Collison Cave Pty Ltd

(71) SUNGROW POWER SUPPLY CO.,
LTD.
(11) AU-A-2024204691
(21) 2024204691 (22) 07.07.2024
(54) POWER SUPPLY CIRCUIT, BATTERY
MONITORING CIRCUIT, AND EN-
ERGY STORAGE DEVICE
(51) Int. Cl.
H02H 3/087 (2006.01)
H01H 71/08 (2006.01)
H01H 71/74 (2006.01)
H02J 3/00 (2006.01)
H02J 7/04 (2006.01)
H02M 7/21 (2006.01)
H02M 7/53846 (2007.01)
(31) 202322852056.7 (32) 23.10.23 (33) CN
(43) 08.05.2025
(72) CHEN, Fei; CHEN, Qiangdong; DONG,
Wengong; LI, Xuteng; CAO, Ying; JIN,
Yongwei
(74) Integrated IP

(71) Superior Transmission Parts, Inc.
(11) AU-A-2025202753
(21) 2025202753 (22) 17.04.2025
(54) Devices and Method for Regulat-
ing Cooler Flow Through Automotive
Transmissions
(51) Int. Cl.
F01P 5/00 (2006.01)
F01P 7/14 (2006.01)
F16H 57/04 (2010.01)
F16K 17/00 (2006.01)
(43) 08.05.2025
(62) 2019369490
(72) MASON, Dean
(74) Churchill Attorneys

(71) Synlogic Operating Company, Inc.
(11) AU-A-2025202726
(21) 2025202726 (22) 17.04.2025
(54) Bacteria engineered to reduce hyperph-
enylalaninemia
(51) Int. Cl.
C12N 5/10 (2006.01)
A61K 35/74 (2015.01)
C07K 14/195 (2006.01)
C12N 9/88 (2006.01)
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KOTULA, Jonathan W.; MILLER, Paul
F.; ROWE, Sarah; MILLET, Yves
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(71) Syqe Medical Ltd.
(11) AU-A-2025202831
(21) 2025202831 (22) 23.04.2025
(54) Method and inhaler for providing two or
more substances by inhalation
(51) Int. Cl.
A61M 15/00 (2006.01)
A61K 31/352 (2006.01)
A61M 11/00 (2006.01)
(43) 08.05.2025
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Asaf; SCHWARTZ, Binyamin; RESHEF,
Nimrod; ATZMONY, Daniella
(74) Griffith Hack

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(21) 2024220055 (22) 25.09.2024
(54) Portable vacuum cleaner
(51) Int. Cl.
A47L 9/24 (2006.01)
A47L 5/36 (2006.01)
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(43) 08.05.2025
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P.; SAMSTAG, Matthew S.; THACK-
ERY, Clinton C.; CREASMAN, Jacob F.
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(21) 2024227226 (22) 10.10.2024
(54) Battery with no roll groove
(51) Int. Cl.
H01M 50/143 (2021.01)
F16J 15/06 (2006.01)
H01M 50/107 (2021.01)
H01M 50/147 (2021.01)
(31) 202311351926.0 (32) 18.10.23 (33) CN
(43) 08.05.2025
(72) YI, Ding Xing; HAN, Zhi Qing
(74) Spruson & Ferguson

(71) Techtronic Cordless GP
(11) AU-A-2024227336
(21) 2024227336 (22) 15.10.2024
(54) Battery current collector plate and bat-
tery
(51) Int. Cl.
H01M 50/536 (2021.01)
B23K 26/062 (2014.01)
H01M 4/66 (2006.01)
H01M 50/538 (2021.01)
(31) 202322815222.6 (32) 19.10.23 (33) CN
(43) 08.05.2025
(72) LI, Jin Wei; GENG, Dan
(74) Spruson & Ferguson

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(11) AU-A-2024227454
(21) 2024227454 (22) 18.10.2024
(54) COMBINATION OF A FLOOR CLEAN-
ER AND A CLEANING APPARATUS
FOR CLEANING THE FLOOR CLEAN-
ER
(51) Int. Cl.

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A47L 11/18 (2006.01)
A47L 11/20 (2006.01)
A47L 11/40 (2006.01)
A47L 13/50 (2006.01)
- (31) 63/591,803 (32) 20.10.23 (33) US
(43) 08.05.2025
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(74) James & Wells Intellectual Property
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- (71) Terahertz Ventures LLC
(11) AU-A-2025202752
(21) 2025202752 (22) 17.04.2025
(54) System and method for utilizing gravitational waves for geological exploration
(51) Int. Cl.
G01V 7/04 (2006.01)
G01V 3/08 (2006.01)
G01V 7/06 (2006.01)
G01V 8/00 (2006.01)
(43) 08.05.2025
(62) 2022210445
(72) HARNEY, Michael John; NINIC, Mario; MANSFIELD, Kim; OWENS, Brian D.
(74) Spruson & Ferguson
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- (71) The Boeing Company
(11) AU-A-2024213124
(21) 2024213124 (22) 21.08.2024
(54) Device, system and method for tacking layers of material
(51) Int. Cl.
H05B 3/20 (2006.01)
B29C 65/22 (2006.01)
B29C 65/30 (2006.01)
B29C 70/00 (2006.01)
H05B 1/00 (2006.01)
(31) 18/489,452 (32) 18.10.23 (33) US
(43) 08.05.2025
(72) CHOWDHURY, Nayeem; ONG, Pei Li; MCFETRIDGE, Shaun
(74) FB Rice Pty Ltd
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(11) AU-A-2024213163
(21) 2024213163 (22) 22.08.2024
(54) Multilayer electrostatic pad
(51) Int. Cl.
H02N 13/00 (2006.01)
B25J 15/00 (2006.01)
(31) 18/489,479 (32) 18.10.23 (33) US
(43) 08.05.2025
(72) CHOWDHURY, Nayeem
(74) FB Rice Pty Ltd
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- (71) The Boeing Company
(11) AU-A-2024213165
(21) 2024213165 (22) 22.08.2024
(54) System and method for managing electrostatic adhesion between a sheet of material and an electrostatic pad
(51) Int. Cl.
H02N 13/00 (2006.01)
B25J 15/00 (2006.01)
G05B 13/02 (2006.01)
G05F 1/10 (2006.01)
(31) 18/489,464 (32) 18.10.23 (33) US
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(21) 2024227232 (22) 10.10.2024
(54) Electrostatic tacking membrane assembly
(51) Int. Cl.
B29C 65/78 (2006.01)
B29C 65/22 (2006.01)
H02N 13/00 (2006.01)
(31) 18/489,370 (32) 18.10.23 (33) US
(43) 08.05.2025
(72) CHOWDHURY, Nayeem; SEZAI, Kursat; KO, William; GAN JIA GUI, Nicolette; BACKHOUS, Scott
(74) FB Rice Pty Ltd
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- (71) The Broad Institute, Inc.; Massachusetts Institute of Technology
(11) AU-A-2025202729
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(54) CRISPR-Cas systems and methods for altering expression of gene products
(51) Int. Cl.
C12N 15/63 (2006.01)
(43) 08.05.2025
(62) 2022201052
(72) ZHANG, Feng
(74) FPA Patent Attorneys Pty Ltd
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- The Children's Medical Center Corporation see Beth Israel Deaconess Medical Center, Inc.**
(21) 2025202775
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- The Cleveland Clinic Foundation see XII Medical, Inc.**
(21) 2025202758
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- (71) The General Hospital Corporation
(11) AU-A-2025202802
(21) 2025202802 (22) 22.04.2025
(54) Vessel Treatment Systems, Methods, And Kits
(51) Int. Cl.
A01N 1/02 (2006.01)
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(72) Austen, William G.; McCormack, Michael; Redmond, Robert W.; Kochevar, Irene E.
(74) Adams Pluck
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- (71) THE GILLETTE COMPANY LLC
(11) AU-A-2025202725
(21) 2025202725 (22) 17.04.2025
(54) HANDLE FOR A PERSONAL CARE IMPLEMENT AND PERSONAL CARE IMPLEMENT
(51) Int. Cl.
A46B 5/00 (2006.01)
A46B 5/02 (2006.01)
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- B29C 45/16** (2006.01)
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(72) JUNGNICHEL, Uwe
(74) AJ PARK
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- (71) The Nielsen Company (US), LLC
(11) AU-A-2025202727
(21) 2025202727 (22) 17.04.2025
(54) Systems, apparatus, and methods to improve watermark detection in acoustic environments
(51) Int. Cl.
G11B 20/00 (2006.01)
H04N 21/8358 (2011.01)
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(72) LYNCH, Wendell D.; NIELSEN, Christen V.; TOPCHY, Alexander; KARAZOUN, Khaldun; DAVIS, Jeremy M.
(74) Spruson & Ferguson
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- (71) The University of British Columbia
(11) AU-A-2025202803
(21) 2025202803 (22) 22.04.2025
(54) COMPOSITIONS AND SYSTEMS COMPRISING TRANSFECTION-COMPETENT VESICLES FREE OF ORGANIC-SOLVENTS AND DETERGENTS AND METHODS RELATED THERETO
(51) Int. Cl.
C12N 15/88 (2006.01)
A61K 9/50 (2006.01)
A61K 47/12 (2006.01)
A61K 47/14 (2017.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
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(62) 2022203149
(72) KULKARNI, Jayesh; HILL, Austin; CULLIS, Pieter; LEAVITT, Blair; PETKAU, Terri; WAGNER, Pamela
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Thomas Jefferson University
(11) AU-A-2025202730
(21) 2025202730 (22) 17.04.2025
(54) Methods and compositions for treating cancers and enhancing therapeutic immunity by selectively reducing immunomodulatory M2 monocytes
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61P 35/00 (2006.01)
C12N 15/11 (2006.01)
(43) 08.05.2025
(62) 2022206776
(72) ANDREWS, David W.; HOOPER, Douglas.
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(11) AU-A-2024278537
(21) 2024278537 (22) 17.10.2024
(54) DEVICE AND METHOD FOR DIRECTLY BLOWING GRANULAR SULFUR INTO FUMING FURNACE FOR VULCANIZATION AND VOLATILIZATION
(51) Int. Cl.
F27D 19/00 (2006.01)
C22B 25/02 (2006.01)
F27D 17/00 (2006.01)
(31) 202311364895.2 (32) 20.10.23 (33) CN
(43) 08.05.2025
(72) TANG, Duzuo; YUAN, Haibin; ZHANG, Zhiyin; CHEN, Yongzhi; LIANG, Jun; GUO, Xiangyong; XU, Wanli; ZHANG, Chi; PENG, Yi; YANG, Jun; LI, Qiaoping; JIANG, Peilai
(74) Remarkable IP

(71) TIN BRANCH OF YUNNAN TIN CO. LTD.
(11) AU-A-2024278539
(21) 2024278539 (22) 17.10.2024
(54) NATURAL GAS SPRAY GUN DEVICE FOR FUMING FURNACE, APPLICATION THEREOF AND SUBMERGED BATH SMELTING PROCESS
(51) Int. Cl.
F23D 14/32 (2006.01)
F23C 7/00 (2006.01)
F23D 14/02 (2006.01)
F23D 14/28 (2006.01)
F23D 14/62 (2006.01)
F23L 1/00 (2006.01)
F23L 7/00 (2006.01)
(31) 202311363961.4 (32) 20.10.23 (33) CN
(43) 08.05.2025
(72) TANG, Duzuo; LI, Qiaoping; YUAN, Haibin; ZHANG, Zhiyin; GUO, Xiangyong; LIANG, Jun; PENG, Yi
(74) Remarkable IP

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(11) AU-A-2025202791
(21) 2025202791 (22) 22.04.2025
(54) Orally disintegrating pharmaceutical compositions of apixaban
(51) Int. Cl.
A61K 9/20 (2006.01)
A61K 9/16 (2006.01)
A61K 31/4162 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4412 (2006.01)
A61K 47/00 (2006.01)
(43) 08.05.2025
(62) 2023203908
(72) SINGH, Balvir; SHINGALA, Ramesh; PRAJAPATI, Shivang
(74) Griffith Hack

(71) University of Massachusetts; Voyager Therapeutics, Inc.
(11) AU-A-2025202724
(21) 2025202724 (22) 17.04.2025

(54) CLOSED-ENDED LINEAR DUPLEX DNA FOR NON-VIRAL GENE TRANSFER
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/09 (2006.01)
C12N 15/64 (2006.01)
C12N 15/66 (2006.01)
(43) 08.05.2025
(62) 2017228413
(72) Kotin, Robert M.; Cecchini, Sylvain
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) View, Inc.
(11) AU-A-2025202695
(21) 2025202695 (22) 16.04.2025
(54) Controller for optically-switchable windows
(51) Int. Cl.
G02F 1/15 (2019.01)
E06B 9/24 (2006.01)
G09G 5/00 (2006.01)
(43) 08.05.2025
(62) 2023201415
(72) BROWN, Stephen C.
(74) Spruson & Ferguson

(71) Viramal Limited
(11) AU-A-2025202771
(21) 2025202771 (22) 22.04.2025
(54) Compositions for drug delivery and methods of use thereof
(51) Int. Cl.
A61K 47/14 (2017.01)
A61K 9/06 (2006.01)
A61K 9/107 (2006.01)
A61K 47/32 (2006.01)
A61K 47/38 (2006.01)
(43) 08.05.2025
(62) 2018287513
(72) BOLOGNA, William; LARSEN, Finn; FIORE, Simona
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

Voyager Therapeutics, Inc. see University of Massachusetts
(21) 2025202724

(71) VusionGroup GmbH
(11) AU-A-2025202816
(21) 2025202816 (22) 22.04.2025
(54) BUS SYSTEM AND SUPPORT DEVICE COMPRISING SUCH A BUS SYSTEM
(51) Int. Cl.
H04L 12/10 (2006.01)
(43) 08.05.2025
(62) 2021432821
(72) RÖSSL, Andreas
(74) Collison & Co

(71) Wall Technologies Pty Ltd
(11) AU-A-2025202699
(21) 2025202699 (22) 16.04.2025

(54) Composite Building Panel and Shell
(51) Int. Cl.
E04B 2/72 (2006.01)
E04B 2/18 (2006.01)
E04C 2/28 (2006.01)
E04C 2/34 (2006.01)
E04C 2/38 (2006.01)
E04F 13/08 (2006.01)
(43) 08.05.2025
(62) 2019210700
(72) VISSER, David
(74) Cooper IP Pty Ltd

(71) Werner Co.
(11) AU-A-2025202840
(21) 2025202840 (22) 23.04.2025
(54) Extension Ladder and Methods of Making and Using an Extension Ladder
(51) Int. Cl.
E06C 1/12 (2006.01)
E06C 7/02 (2006.01)
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(62) 2023202810
(72) Scheurich, Michael; Lentine, Tek; Lauricella, Jerry; Dacic, Slavisa; Hughes, Devin; Pozgay, David
(74) BOSH IP Pty Ltd

(71) WestRock Packaging Systems, LLC
(11) AU-A-2024227378
(21) 2024227378 (22) 16.10.2024
(54) Article carrier and blank therefor
(51) Int. Cl.
B65D 71/06 (2006.01)
B65D 5/02 (2006.01)
(31) 63/591,353 (32) 18.10.23 (33) US
(43) 08.05.2025
(72) VALENCIA, John; SCHERER, Alyssa J.
(74) Spruson & Ferguson

(71) WhiteWater West Industries Ltd
(11) AU-A-2025202837
(21) 2025202837 (22) 23.04.2025
(54) Pool wave generator
(51) Int. Cl.
E04H 4/12 (2006.01)
A47K 3/10 (2006.01)
E04H 4/00 (2006.01)
E04H 4/14 (2006.01)
F04D 35/00 (2006.01)
(43) 08.05.2025
(62) 2021274311
(72) WYNNE-EDWARDS, Alexander; TY-MIAK, Andrew; GINESTET, Clement
(74) Spruson & Ferguson

(71) Wing Aviation LLC
(11) AU-A-2025202798
(21) 2025202798 (22) 22.04.2025
(54) Methods and systems for detecting and resolving failure events when raising and lowering a payload
(51) Int. Cl.
B64D 1/22 (2006.01)
B64C 39/02 (2023.01)
B66D 1/12 (2006.01)
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- (43) 08.05.2025
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(72) SHANNON, Trevor; PRAGER, Andre
(74) Spruson & Ferguson
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(11) AU-A-2024200056
(21) 2024200056 (22) 04.01.2024
(54) Automated Self-Cleaning Skylight
(51) Int. Cl.
E04D 13/03 (2006.01)
A47L 1/02 (2006.01)
(31) 2303003117 (32) 24.10.23 (33) TH
(43) 08.05.2025
(72) Leeruungariya, Tanaphat
(74) A.P.T. Patent and Trade Mark Attorneys
-
- (71) WONDERLAND SWITZERLAND AG
(11) AU-A-2025202838
(21) 2025202838 (22) 23.04.2025
(54) JOINING STRUCTURE AND CHILD
SAFETY SEAT INCLUDING THE
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(51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/26 (2006.01)
(43) 08.05.2025
(62) 2021393787
(72) ZHAO, Guanghui; ZHANG, Daliang;
FANG, Ganqing
(74) Allens Patent & Trade Mark Attorneys
-
- (71) XGS ENERGY, INC.
(11) AU-A-2025202691
(21) 2025202691 (22) 16.04.2025
(54) HIGH THERMAL COEFFICIENT
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(51) Int. Cl.
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C04B 28/04 (2006.01)
C04B 28/06 (2006.01)
C04B 40/00 (2006.01)
E21B 33/14 (2006.01)
C04B 103/20 (2006.01)
(43) 08.05.2025
(62) 2023214420
(72) MONCARZ, Piotr D.; BOUR, Daniel;
FULLER, Gerald; BOIS, Axel-Pierre;
SURYANARAYANA, Poodipeddi V.;
MCGILVRAY JR., Mark
(74) RnB IP
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- (71) XII Medical, Inc.; The Cleveland Clinic
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(11) AU-A-2025202758
(21) 2025202758 (22) 18.04.2025
(54) SYSTEMS AND METHODS FOR IM-
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(51) Int. Cl.
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A61B 5/394 (2021.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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- A61N 1/372 (2006.01)
(43) 08.05.2025
(62) 2020264530
(72) CAPARSO, Anthony V.; NICKOLS,
Josh; PAPAY, Francis A.; EMERTON,
Kelly
(74) RnB IP Pty Ltd
-
- (71) ZHEJIANG LEAPMOTOR TECHNO-
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(21) 2024287227 (22) 14.10.2024
(54) ROTARY HINGE MECHANISM AND
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(51) Int. Cl.
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(31) 202311368011.0 (32) 19.10.23 (33) CN
(43) 08.05.2025
(72) XU, Xiong; SONG, Jinqiang; YU, Long-
sheng; WANG, Hong
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71) Zoetis Services LLC
(11) AU-A-2025202708
(21) 2025202708 (22) 17.04.2025
(54) Oil-based adjuvants
(51) Int. Cl.
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(72) DOMINOWSKI, Paul Joseph; WILMES,
Lauren; FOSS, Dennis L.; GALLO,
Guillermo; HARDHAM, John Mor-
gan; KREBS, Richard Lee; LIGHTLE,
Sandra Ann Marie; MAHAN, Suman;
MEDIRATTA, Sangita; MOHR, Kaori;
MWANGI, Duncan; RAI, Sharath K.;
SALMON, Sarah A.; VORA, Shaun-
ak; FONTAINE, Michael Christoph-
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A61L 15/26 (2006.01)
A61L 15/58 (2006.01)
C08F 283/01 (2006.01)
C09J 4/06 (2006.01)
C08G 63/91 (2006.01)
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(54) SYSTEMS, METHODS, AND MEDIA
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G06Q 10/067 (2023.01)
G06F 30/12 (2020.01)
G06F 30/20 (2020.01)
G06Q 50/04 (2012.01)
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A01N 59/02 (2006.01)
C05D 9/02 (2006.01)
C05G 5/10 (2020.01)
C05G 5/27 (2020.01)
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A61K 47/10 (2017.01)
A61P 1/16 (2006.01)
A61P 3/10 (2006.01)
A61P 11/00 (2006.01)
A61P 25/28 (2006.01)
C07H 19/207 (2006.01)
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B32B 5/30 (2006.01)
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G21B 1/23 (2006.01)
H01S 5/042 (2006.01)
H01S 5/10 (2021.01)
H01S 5/323 (2006.01)
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B02C 21/02 (2006.01)
B65F 1/14 (2006.01)
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A61K 31/145 (2006.01)
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F15D 1/08 (2006.01)
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C02F 11/18 (2006.01)
C12M 1/00 (2006.01)
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A23C 9/00 (2006.01)
A23K 10/18 (2016.01)
A61K 31/7004 (2006.01)
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A61K 35/741 (2015.01)
A61K 35/742 (2015.01)
A61P 39/00 (2006.01)
C02F 3/00 (2023.01)
C12N 1/00 (2006.01)
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A01N 65/26 (2009.01)
A01P 15/00 (2006.01)
A23K 20/158 (2016.01)
A23K 40/00 (2016.01)
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C07K 14/005 (2006.01)
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A61P 35/00 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 25/18 (2006.01)
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A61K 9/14 (2006.01)
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B60R 19/52 (2006.01)
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F16H 57/02 (2012.01)
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C08F 4/70 (2006.01)
C08F 210/14 (2006.01)
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B61L 25/02 (2006.01)
B61L 23/00 (2006.01)
B61L 27/57 (2022.01)
B61L 27/60 (2022.01)
G06N 20/00 (2019.01)
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G06V 40/10 (2022.01)
G06F 16/24 (2019.01)
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A61K 35/747 (2015.01)
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C07K 1/22 (2006.01)
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(51) Int. Cl.
A61K 51/08 (2006.01)
A61K 9/08 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61P 35/00 (2006.01)
C12Q 1/6886 (2018.01)
G01N 33/534 (2006.01)
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(54) IMPROVED FORMULATIONS AND METHODS FOR USE IN OXIDATION TREATMENT APPLICATIONS
(51) Int. Cl.
A01N 59/00 (2006.01)
A01N 25/02 (2006.01)
A01N 37/02 (2006.01)
A01P 1/00 (2006.01)
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(11) AU-A-2023356551

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E06B 3/96 (2006.01)
E06B 7/28 (2006.01)
E06B 9/24 (2006.01)
H02S 20/22 (2014.01)
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 John Charles
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 (21) 2023382068 (22) 15.11.2023
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 OD AND SYSTEM FOR DESIGN OF
 MIXING DEVICES
 (51) Int. Cl.
G06F 30/27 (2020.01)
B01F 25/40 (2022.01)
B01F 25/431 (2022.01)
B01J 19/00 (2006.01)
B33Y 80/00 (2015.01)
G06F 30/17 (2020.01)
G06F 30/23 (2020.01)
G06F 30/28 (2020.01)
G06N 3/086 (2023.01)
G06N 3/126 (2023.01)
B01F 101/00 (2020.01)
G06F 111/06 (2020.01)
G06F 119/18 (2020.01)
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 LAHUR, Paulus; BREEDON, Michael;
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 (21) 2023378384 (22) 09.11.2023
 (54) A WOUND DRESSING
 (51) Int. Cl.
A61F 13/0206 (2024.01)
A61F 13/0203 (2024.01)
A61F 13/05 (2024.01)
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 ING, Duncan; DAVIES, Liam; BROWN,
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 (74) Houlihan Intellectual Property Pty Ltd

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 (21) 2023378389 (22) 09.11.2023
 (54) A WOUND DRESSING
 (51) Int. Cl.
A61F 13/0206 (2024.01)
A61F 13/0203 (2024.01)
A61F 13/05 (2024.01)
 (87) WO2024/100409
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 KESTEVEN, Donna; BALLAMY, Lucy
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A61P 35/00 (2006.01)
A61K 31/47 (2006.01)
A61K 31/4709 (2006.01)
C07D 215/12 (2006.01)
C07D 401/12 (2006.01)
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 ETT, Hilda Amelia
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) MULTILAYER FILM AND METHOD OF
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 (51) Int. Cl.
B32B 27/30 (2006.01)
B32B 27/08 (2006.01)
B32B 27/16 (2006.01)
B32B 27/32 (2006.01)
B32B 27/34 (2006.01)
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D05C 15/14 (2006.01)
D05B 55/00 (2006.01)
D05C 3/02 (2006.01)
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 MURPHEY, Bryan; NOLAN, Michael;
 PARKIN, Jennia Elisabeth; TOBIN,
 Jerome; WEAVER, Gregory Alan
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2023367522 (22) 26.10.2023
 (54) PARTICLE-INCLUDING BASE MATER-
 IAL, AND PRODUCTION METHOD
 FOR PARTICLE-INCLUDING BASE
 MATERIAL
 (51) Int. Cl.
B32B 5/24 (2006.01)
B32B 5/30 (2006.01)
B32B 9/00 (2006.01)
D06M 11/79 (2006.01)
D06M 23/08 (2006.01)
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 (72) OKOCHI, Norihiko
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2023373669 (22) 31.10.2023
 (54) GRAFTABLE BIOCIDAL LINKERS
 AND POLYMERS AND USES THERE-
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 (51) Int. Cl.
C08F 226/06 (2006.01)
A01N 55/10 (2006.01)
A61K 31/695 (2006.01)
C07D 213/04 (2006.01)
A61L 101/12 (2006.01)
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(71) DOW GLOBAL TECHNOLOGIES LLC;
 ROHM AND HAAS COMPANY
 (11) AU-A-2022479857
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 (54) AQUEOUS ANTIMICROBIAL COM-
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 (51) Int. Cl.
A01N 59/16 (2006.01)
A01N 25/04 (2006.01)
A01N 25/10 (2006.01)

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(54) MUSCLE TARGETING COMPLEXES
AND USES THEREOF FOR SKIPPING
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 21/00 (2006.01)
C12N 15/113 (2010.01)
A61K 31/675 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) SYSTEM AND METHOD FOR BIO-
MASS DENSIFICATION
(51) Int. Cl.
A01K 79/00 (2006.01)
A01K 61/60 (2017.01)
B01D 35/02 (2006.01)
C02F 1/00 (2023.01)
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SYSTEM
(51) Int. Cl.
A01G 9/02 (2018.01)
A01G 9/24 (2006.01)
A01G 27/06 (2006.01)
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(72) GRIFFIN, Daniel
(74) FPA Patent Attorneys Pty Ltd

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CONNECTABLE LIGHTING DEVICES
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F21L 2/00 (2006.01)
F21L 4/02 (2006.01)
F21V 21/096 (2006.01)
F21V 21/40 (2006.01)
F21Y 115/10 (2016.01)
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Joanna Lynn
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(21) 2023349972 **(22)** 15.09.2023
(54) PROBIOTIC COMPOSITION FOR THE
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(51) Int. Cl.
A23L 29/00 (2016.01)
A23L 5/20 (2016.01)
A23L 33/135 (2016.01)
(87) WO2024/068302
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(72) SPECKMANN, Bodo; GOBBETTI,
Marco; TOM DIECK, Heike
(74) WRAYS PTY LTD

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TREATMENT OF IRRITABLE BOWEL
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(51) Int. Cl.
A61P 1/00 (2006.01)
A23L 33/135 (2016.01)
A61K 35/742 (2015.01)
A61K 35/747 (2015.01)
A61P 1/12 (2006.01)
A61P 1/14 (2006.01)
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BETTI, Marco; TOM DIECK, Heike;
WIEGRÄBE, Iris
(74) AJ PARK

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(54) SAMPLE COLLECTION DEVICE
(51) Int. Cl.
G01N 1/04 (2006.01)
A61B 10/00 (2006.01)
A61B 10/02 (2006.01)
C12M 1/26 (2006.01)
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(54) SYSTEM AND METHOD FOR SAFE
STORAGE, SEPARATION, AND RE-
CYCLING OF COMPONENTS FROM
EMISSIONS AND EFFLUENTS
(51) Int. Cl.
B01D 53/04 (2006.01)
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(31) 202221058221 **(32)** 12.10.22 **(33)** IN
(43) 18.04.2024
(72) GORADIA, Prena
(74) EUREKA IP PTY LTD

(71) FALCON INC.
(11) AU-A-2023367024
(21) 2023367024 **(22)** 27.10.2023
(54) PREDICTIVE MODELING FRAME-
WORK FOR RISK ASSESSMENT
(51) Int. Cl.
G06Q 10/0635 (2023.01)
G06N 20/00 (2019.01)
G06Q 50/26 (2024.01)
G06F 18/214 (2023.01)
(87) WO2024/091667
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(54) ROBOTIC BLOCK LAYING MACHINE
(51) Int. Cl.
E04G 21/22 (2006.01)
B25J 5/00 (2006.01)
B25J 9/02 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 19/02 (2006.01)
B28D 1/00 (2006.01)
B28D 1/04 (2006.01)
E04B 1/02 (2006.01)
E04F 21/02 (2006.01)
G01C 21/00 (2006.01)
G05B 19/19 (2006.01)
G05B 19/402 (2006.01)
G05B 19/4097 (2006.01)
G05B 19/418 (2006.01)
G06V 20/10 (2022.01)

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(72) PIVAC, Mark Joseph; PICKERING,
Samuel Thomas
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(11) AU-A-2023370520
(21) 2023370520 **(22)** 25.10.2023

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(51) Int. Cl.
E04G 21/22 (2006.01)
B25J 5/00 (2006.01)
B25J 9/02 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 19/02 (2006.01)
B28D 1/00 (2006.01)
B28D 1/04 (2006.01)
E04B 1/02 (2006.01)
E04F 21/02 (2006.01)
G01C 15/00 (2006.01)
G05B 19/414 (2006.01)
G05B 19/418 (2006.01)
G06V 20/10 (2022.01)
- (87) WO2024/086882
(31) 2022903173 (32) 26.10.22 (33) AU
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(43) 02.05.2024
(72) PIVAC, Mark Joseph; PICKERING,
Samuel Thomas
(74) Davies Collison Cave Pty Ltd
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- (71) FASTBRICK IP PTY LTD
(11) AU-A-2023370521
(21) 2023370521 (22) 25.10.2023
(54) ADHESIVE APPLICATION SYSTEM
(51) Int. Cl.
B25J 9/02 (2006.01)
B05C 11/10 (2006.01)
B05D 1/26 (2006.01)
B25J 5/00 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 19/02 (2006.01)
B28D 1/00 (2006.01)
B28D 1/04 (2006.01)
E04B 1/02 (2006.01)
E04F 21/02 (2006.01)
E04G 21/22 (2006.01)
F04B 49/08 (2006.01)
G01C 15/00 (2006.01)
G06V 20/10 (2022.01)
- (87) WO2024/086883
(31) 2022903173 (32) 26.10.22 (33) AU
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(43) 02.05.2024
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Samuel Thomas
(74) Davies Collison Cave Pty Ltd
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(21) 2023370522 (22) 25.10.2023
(54) SHUTTLE SEQUENCING SYSTEM
(51) Int. Cl.
E04G 21/22 (2006.01)
B25J 5/00 (2006.01)
B25J 9/02 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 19/02 (2006.01)
B28D 1/00 (2006.01)
B28D 1/04 (2006.01)
E04B 1/02 (2006.01)
E04F 21/02 (2006.01)
G01C 15/00 (2006.01)
G05B 19/04 (2006.01)
G06V 20/10 (2022.01)
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(31) 2022903173 (32) 26.10.22 (33) AU
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(43) 02.05.2024
(72) PIVAC, Mark Joseph
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- (71) FASTBRICK IP PTY LTD
(11) AU-A-2023370523
(21) 2023370523 (22) 25.10.2023
(54) TRANSFER ROBOT FOR HANDLING
BLOCKS
(51) Int. Cl.
E04G 21/22 (2006.01)
B25J 5/00 (2006.01)
B25J 9/02 (2006.01)
B25J 9/16 (2006.01)
B25J 15/08 (2006.01)
B65G 47/90 (2006.01)
B65G 59/02 (2006.01)
G03B 15/03 (2021.01)
G05B 19/19 (2006.01)
G05B 19/414 (2006.01)
G05B 19/418 (2006.01)
G06T 7/00 (2017.01)
G06T 7/13 (2017.01)
G06V 10/44 (2022.01)
- (87) WO2024/086885
(31) 2022903173 (32) 26.10.22 (33) AU
2023902647 21.08.23 AU
(43) 02.05.2024
(72) PIVAC, Mark Joseph; PICKERING,
Samuel Thomas; APFELTHALER, Har-
ald
(74) Davies Collison Cave Pty Ltd
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(54) SHUTTLE FOR TRANSPORTING
BLOCKS
(51) Int. Cl.
E04G 21/22 (2006.01)
B25J 5/00 (2006.01)
B25J 5/04 (2006.01)
B25J 9/02 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 15/00 (2006.01)
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B28D 1/00 (2006.01)
B28D 1/04 (2006.01)
E04B 1/02 (2006.01)
E04F 21/02 (2006.01)
G05B 19/19 (2006.01)
G05B 19/402 (2006.01)
G05B 19/4097 (2006.01)
G05B 19/418 (2006.01)
G06V 20/10 (2022.01)
- (87) WO2024/086886
(31) 2022903173 (32) 26.10.22 (33) AU
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(43) 02.05.2024
(72) PIVAC, Mark Joseph; PICKERING,
Samuel Thomas; QUIRKE, Peter
Thomas
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(11) AU-A-2023370525
(21) 2023370525 (22) 25.10.2023
(54) BLOCK LAYING ROBOT
(51) Int. Cl.
E04G 21/22 (2006.01)
B25J 5/00 (2006.01)
B25J 9/02 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
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B28D 1/00 (2006.01)
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E04F 21/02 (2006.01)
G01C 15/00 (2006.01)
G05B 19/19 (2006.01)
G05B 19/402 (2006.01)
G05B 19/4097 (2006.01)
G05B 19/418 (2006.01)
G06V 20/10 (2022.01)
- (87) WO2024/086887
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(43) 02.05.2024
(72) PIVAC, Mark Joseph; PICKERING,
Samuel Thomas
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(11) AU-A-2023370526
(21) 2023370526 (22) 25.10.2023
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BLOCK LAYING MACHINE
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E04G 21/22 (2006.01)
B25J 5/00 (2006.01)
B25J 5/02 (2006.01)
B25J 5/04 (2006.01)
B25J 9/02 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 19/02 (2006.01)
B28D 1/00 (2006.01)
B28D 1/04 (2006.01)
E04B 1/02 (2006.01)
E04F 21/02 (2006.01)
G01C 21/20 (2006.01)
G05B 19/19 (2006.01)
G05B 19/402 (2006.01)
G05B 19/4097 (2006.01)
G05B 19/418 (2006.01)
G06V 20/10 (2022.01)
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SATAR, Nayeem Raymond
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B25J 5/00 (2006.01)
B25J 5/04 (2006.01)
B25J 9/16 (2006.01)

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B65G 47/90 (2006.01)
G05D 1/43 (2024.01)
G05D 3/12 (2006.01)
H04W 4/02 (2018.01)
H04W 4/30 (2018.01)
H04W 4/80 (2018.01)
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Paul; NESTOR, Joshua Matthew
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G01M 11/08 (2006.01)
B60T 17/22 (2006.01)
F16D 55/00 (2006.01)
F16D 66/00 (2006.01)
F16D 66/02 (2006.01)
G01B 11/06 (2006.01)
G01K 11/3213 (2021.01)
G01L 1/25 (2006.01)
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G01S 7/527 (2006.01)
G01S 15/10 (2006.01)
G01S 15/32 (2006.01)
G01S 15/42 (2006.01)
G01S 15/58 (2006.01)
G01S 15/89 (2006.01)
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AND ITS USE
(51) Int. Cl.
A23L 9/20 (2016.01)
A23C 11/10 (2021.01)
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DERIVED FROM PLURIPOTENT
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(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 35/28 (2015.01)
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C12N 5/074 (2010.01)
C12N 5/0789 (2010.01)
A61P 37/04 (2006.01)
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 (51) Int. Cl.
 A61K 35/17 (2015.01)
 A61P 7/00 (2006.01)
 A61P 35/00 (2006.01)
 C12N 5/02 (2006.01)
 C12N 5/0781 (2010.01)
 C12N 5/0789 (2010.01)
 C12N 5/10 (2006.01)
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 (51) Int. Cl.
 C12N 5/00 (2006.01)
 A61K 35/545 (2015.01)
 A61P 7/00 (2006.01)
 A61P 35/00 (2006.01)
 C07K 14/705 (2006.01)
 C12N 15/113 (2010.01)
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 C12N 5/0789 (2010.01)
 A61K 35/15 (2015.01)
 A61P 35/00 (2006.01)
 C12N 9/10 (2006.01)
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 A61K 35/19 (2015.01)
 A61K 35/28 (2015.01)
 A61P 7/00 (2006.01)
 C12N 5/02 (2006.01)
 C12N 5/071 (2010.01)
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 C12N 5/10 (2006.01)
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 E21D 21/00 (2006.01)
 E21D 20/02 (2006.01)
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 C08J 3/075 (2006.01)
 C07K 14/78 (2006.01)
 C08H 1/06 (2006.01)
 C08J 3/24 (2006.01)
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 A61K 9/127 (2006.01)
 A61K 31/194 (2006.01)
 A61M 1/28 (2006.01)
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 C07K 16/28 (2006.01)
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 C12N 5/07 (2010.01)
 C12N 15/13 (2006.01)
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C10G 3/00 (2006.01)
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C10G 69/12 (2006.01)

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A61K 39/395 (2006.01)
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C07K 16/28 (2006.01)

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A61K 31/437 (2006.01)
A61K 9/00 (2006.01)
A61K 31/4375 (2006.01)
A61P 31/14 (2006.01)
A61P 33/06 (2006.01)

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F03B 13/18 (2006.01)
B63B 35/44 (2006.01)
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H04W 48/18 (2009.01)
H04W 8/12 (2009.01)
H04W 84/04 (2009.01)

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G06N 5/01 (2023.01)
G06N 10/60 (2022.01)

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G06N 10/70 (2022.01)
G06N 10/40 (2022.01)

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G06N 10/40 (2022.01)
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B01D 61/02 (2006.01)
C02F 1/44 (2023.01)
C02F 1/52 (2023.01)
C02F 1/26 (2023.01)

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(54) CONTAINER WITH REINFORCEMENT FEATURES, RELATED SYSTEMS AND METHODS
(51) Int. Cl.
B65D 3/28 (2006.01)
B65D 3/04 (2006.01)
B65D 25/38 (2006.01)
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(54) CYCLOALKANE-BASED LIPID COMPOUND FOR DELIVERING NUCLEIC ACIDS, AND LIPID NANOPARTICLES COMPRISING SAME
(51) Int. Cl.
C07C 237/24 (2006.01)
A61K 9/51 (2006.01)
A61K 47/14 (2017.01)
A61K 47/18 (2017.01)
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C07C 219/12 (2006.01)
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H04N 21/81 (2011.01)
H04N 21/4725 (2011.01)
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F02C 9/00 (2006.01)
F02C 9/40 (2006.01)
F23K 5/00 (2006.01)
F23R 3/00 (2006.01)
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B29C 64/124 (2017.01)
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B33Y 10/00 (2015.01)
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G06N 3/04 (2023.01)
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G16B 20/20 (2019.01)
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G16H 70/60 (2018.01)
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C07K 14/51 (2006.01)
A61L 27/48 (2006.01)
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C07C 269/06 (2006.01)
C07C 271/22 (2006.01)
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Eugene
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(74) FPA Patent Attorneys Pty Ltd

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C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 19/00 (2006.01)
C12N 15/62 (2006.01)
C12N 15/85 (2006.01)
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Gurkan; BAYLIFFE, Andrew; LOWRY,
Jessica Lynn; MOISAN, Jacques
(74) Spruson & Ferguson

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A61K 9/00 (2006.01)
A61K 38/20 (2006.01)
A61K 47/18 (2017.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 14/55 (2006.01)
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A01C 7/08 (2006.01)
A01C 7/20 (2006.01)
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(72) MASCHIO, Andrea; MOGLIONI, Mario;
MARTIN, Rudy
(74) Pizzzeys Patent and Trade Mark Attor-
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MOGLIONI, Mario
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STÖCKL, Elisabeth
(74) Davies Collison Cave Pty Ltd

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A61K 31/50 (2006.01)
C07D 401/14 (2006.01)
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B02C 23/04 (2006.01)
B02C 13/31 (2006.01)
B02C 18/16 (2006.01)
B02C 21/02 (2006.01)
F16B 41/00 (2006.01)
F16P 3/08 (2006.01)
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(54) DEVICE AND METHOD FOR FOOT MASSAGE
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A61H 39/02 (2006.01)
A43B 5/08 (2006.01)
A43B 7/1405 (2022.01)
A43B 7/1415 (2022.01)
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A47G 27/02 (2006.01)
D05C 15/04 (2006.01)
D06P 5/30 (2006.01)
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A47G 27/02 (2006.01)
B41J 3/407 (2006.01)
D05C 15/04 (2006.01)
D06P 5/30 (2006.01)
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D05C 15/04 (2006.01)
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(54) COMBINATION THERAPIES
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C07D 471/06 (2006.01)
A61K 31/519 (2006.01)
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F25B 13/00 (2006.01)
F24F 1/0003 (2019.01)
F25B 1/00 (2006.01)
F25B 41/26 (2021.01)
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A61K 31/7088 (2006.01)
A61K 31/713 (2006.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
C12N 15/10 (2006.01)
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(74) Patentec Patent Attorneys
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B65D 83/04 (2006.01)
A61J 7/00 (2006.01)
A47F 1/035 (2006.01)
A61J 1/03 (2023.01)
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C07C 53/21 (2006.01)
A61K 31/197 (2006.01)
A61P 25/14 (2006.01)
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(72) SAIHAH, Eddine
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A61B 17/04 (2006.01)
A61B 17/3207 (2006.01)
A61F 2/00 (2006.01)
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A61M 1/36 (2006.01)
A61M 25/10 (2013.01)
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A23L 33/10 (2016.01)
A23L 33/105 (2016.01)
A23L 33/15 (2016.01)
A61K 36/00 (2006.01)
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B60K 17/30 (2006.01)
B60B 35/12 (2006.01)
B60L 50/60 (2019.01)
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(72) ZHOU, Xiaolin
(74) A.P.T. Patent and Trade Mark Attorneys

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A61P 7/02 (2006.01)
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A61K 9/127 (2006.01)
C07C 219/16 (2006.01)
C12N 15/113 (2010.01)
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A61K 31/519 (2006.01)
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H01M 4/36 (2006.01)
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B01J 19/00 (2006.01)
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A61G 1/06 (2006.01)
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G05B 15/02 (2006.01)
G06F 3/04817 (2022.01)
G06F 3/14 (2006.01)
G16H 10/60 (2018.01)
G16H 40/40 (2018.01)
A61B 5/11 (2006.01)
A61G 7/05 (2006.01)
G05B 19/05 (2006.01)
G06F 3/04847 (2022.01)
G06Q 10/109 (2023.01)
G08B 21/02 (2006.01)
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B41M 3/14 (2006.01)
C09C 1/00 (2006.01)
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G06Q 50/06 (2024.01)
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A61K 31/4188 (2006.01)
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C08F 2/46 (2006.01)
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A61P 35/00 (2006.01)
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H01J 43/06 (2006.01)
H01J 49/02 (2006.01)
H01J 49/06 (2006.01)
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(72) SCHLÜTER, Hans-Jürgen
(74) Spruson & Ferguson
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- (71) TIN BRANCH OF YUNNAN TIN CO. LTD.
(11) AU-A-2024278537
(21) 2024278537 (22) 17.10.2024
(54) DEVICE AND METHOD FOR DIRECTLY BLOWING GRANULAR SULFUR INTO FUMING FURNACE FOR VULCANIZATION AND VOLATILIZATION
(51) Int. Cl.
F27D 19/00 (2006.01)
C22B 25/02 (2006.01)
F27D 17/00 (2006.01)
(31) 202311364895.2 (32) 20.10.23 (33) CN
(43) 08.05.2025
(72) TANG, Duzuo; YUAN, Haibin; ZHANG, Zhiyin; CHEN, Yongzhi; LIANG, Jun; GUO, Xiangyong; XU, Wanli; ZHANG, Chi; PENG, Yi; YANG, Jun; LI, Qiaoping; JIANG, Peilai
(74) Remarkable IP
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- (71) TIN BRANCH OF YUNNAN TIN CO. LTD.
(11) AU-A-2024278539
(21) 2024278539 (22) 17.10.2024
(54) NATURAL GAS SPRAY GUN DEVICE FOR FUMING FURNACE, APPLICATION THEREOF AND SUBMERGED BATH SMELTING PROCESS
(51) Int. Cl.
F23D 14/32 (2006.01)
F23C 7/00 (2006.01)
F23D 14/02 (2006.01)
F23D 14/28 (2006.01)
F23D 14/62 (2006.01)
F23L 1/00 (2006.01)
F23L 7/00 (2006.01)
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(74) Remarkable IP
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- (71) TOUCH POINT WORLDWIDE, INC.
(11) AU-A-2023364152
(21) 2023364152 (22) 15.06.2023
(54) SYSTEMS AND METHODS FOR EXCHANGING ELECTRONIC TOKENS
(51) Int. Cl.
G06Q 20/38 (2012.01)
(87) WO2024/085923
(31) 18/048,357 (32) 20.10.22 (33) US
(43) 25.04.2024
(72) KANG, Daniel; CHEN, Thomas; KO, Jonathan
(74) FPA Patent Attorneys Pty Ltd
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- (71) TOWING CO., LTD.
(11) AU-A-2023360400
(21) 2023360400 (22) 12.10.2023
(54) BIOCHAR CULTURE MEDIUM AND METHOD FOR PRODUCING SAME
(51) Int. Cl.
A01G 24/10 (2018.01)
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(72) NISHIDA Ryoya; NISHIDA Kohei; KIMURA Shunsuke
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 (11) AU-A-2023365216
 (21) 2023365216 (22) 19.10.2023
 (54) THERAPEUTIC TREATMENT DEVICE WITH BRAIDED MICROVALVE OCCLUDER
 (51) Int. Cl.
 A61B 17/12 (2006.01)
 A61M 25/00 (2006.01)
 A61F 2/01 (2006.01)
 (87) WO2024/086262
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 (72) MARKHAM, Michael Brick; OLSON, Erik Dean; JARROCH, David Benjamin
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 (54) SMART COMPOSITE CONDUCTORS AND METHODS OF MAKING THE SAME
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 G02B 6/44 (2006.01)
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 (72) HUANG, Jianzhong Jason; HE, Qing
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) STABILIZED BLOOD DERIVED COMPOSITION USING ANTIFIBRINOLYTIC AGENTS
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 A61K 31/195 (2006.01)
 A61P 19/02 (2006.01)
 B01L 3/00 (2006.01)
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 A62C 35/68 (2006.01)
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 (54) PROCESS FOR INCREASING HYDROGEN RECOVERY BY CHILLING HYDROGEN WITH PRODUCT CO₂ STREAM
 (51) Int. Cl.
 C01B 3/50 (2006.01)
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 C01B 3/48 (2006.01)
 C01B 3/56 (2006.01)
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 (72) RUSSELL, Bradley
 (74) Patent Attorney Services

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 C01B 3/56 (2006.01)
 B01D 53/04 (2006.01)
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 (72) BHADRA, Shubhra J.; BJORKMAN MARROU, Kathryn R.
 (74) Patent Attorney Services

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 (11) AU-A-2024233414
 (21) 2024233414 (22) 21.02.2024
 (54) CABLE AND TROLLEY SYSTEM FOR USE WITHIN AN IRRIGATION SPAN ASSEMBLY
 (51) Int. Cl.
 A01G 25/09 (2006.01)
 A01G 25/02 (2006.01)
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 (87) WO2024/186477
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 (72) DILLON, Cory J.
 (74) FPA Patent Attorneys Pty Ltd

(71) VANTA INC.
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 (54) AUTOMATED SYSTEM ACCESS REVIEW USING INTER-SYSTEM MAPPINGS
 (51) Int. Cl.
 G06F 21/55 (2013.01)
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 H04L 9/40 (2022.01)
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 (54) HIGH VOLTAGE FEEDTHROUGH APPARATUS
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 H01J 35/16 (2006.01)
 H01J 5/52 (2006.01)
 H01R 13/52 (2006.01)
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 (72) ROBINSON, Vance Scott; RIGGLE, Jake; KIRKHAM, Dave; HARDING, Travis
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2023366929
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 (54) COMPOSITIONS AND METHODS OF USE FOR MODIFIED RELEASE MINOXIDIL
 (51) Int. Cl.
 A61K 31/506 (2006.01)
 A61K 8/63 (2006.01)
 A61K 47/38 (2006.01)
 A61P 17/14 (2006.01)
 A61Q 7/00 (2006.01)
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 (72) WALDMAN, Reid
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 (11) AU-A-2023381869
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 (54) LIQUID COOLING SYSTEM, LIQUID COOLING SYSTEM CONTROL SYSTEM AND METHOD
 (51) Int. Cl.
 H05K 7/20 (2006.01)
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 (72) WAN, Jiqing; HUANG, Likui; TENG, Jie; XIE, Kai; LIU, Jia; CHENG, Yue
 (74) Griffith Hack

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 (11) AU-A-2023379437
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 (54) METHODS TO DETECT CSF MTBR-TAU AND USES THEREOF
 (51) Int. Cl.
 C07K 14/47 (2006.01)
 G01N 1/34 (2006.01)
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	(71) ZIBO YIHAI ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD. (11) AU-A-2023356454 (21) 2023356454 (22) 08.10.2023 (54) RESOURCE COMPREHENSIVE UTILIZATION PROCESS FOR SOLID WASTE OF RED MUD, FLY ASH, STEEL SLAG AND COAL GANGUE (51) Int. Cl. C01F 7/30 (2022.01) B09B 3/00 (2022.01) C01F 7/02 (2022.01) C04B 18/12 (2006.01) (87) WO2024/074144 (31) 202211219260.9 (32) 08.10.22 (33) CN (43) 11.04.2024 (72) XU, Bo; XU, Yiming (74) Harbour Hive Limited
	(71) WONDERLAND SWITZERLAND AG (11) AU-A-2023345583 (21) 2023345583 (22) 22.09.2023 (54) SEATING ASSEMBLY, FOLDING MECHNICAM, STORAGE DEVICE AND CHILD SAFETY SEAT (51) Int. Cl. B60N 2/28 (2006.01) B60N 3/10 (2006.01) (87) WO2024/062110 (31) 202211170356.0 (32) 23.09.22 (33) CN 202211668176.5 23.12.22 CN 202310008869.X 04.01.23 CN (43) 28.03.2024 (72) ZHAO, Guanghui (74) Allens Patent & Trade Mark Attorneys
	(71) ZIMMER, INC. (11) AU-A-2023373163 (21) 2023373163 (22) 09.10.2023 (54) UNIVERSAL BROACH SYSTEM FOR HUMERAL IMPLANTS (51) Int. Cl. A61F 2/40 (2006.01) A61B 17/16 (2006.01) A61B 17/17 (2006.01) A61F 2/46 (2006.01) A61F 2/30 (2006.01) (87) WO2024/097504 (31) 63/421,829 (32) 02.11.22 (33) US 63/471,883 08.06.23 US (43) 10.05.2024 (72) HOLMES, Cody Johnathon; MUELLER, Michael; STUMP, Steven E. (74) PHILLIPS ORMONDE FITZPATRICK
	(71) WUXI BIOLOGICS IRELAND LIMITED (11) AU-A-2023383819 (21) 2023383819 (22) 22.11.2023 (54) PSMA ANTIBODIES AND USES THEREOF (51) Int. Cl. C07K 16/30 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) A61K 39/00 (2006.01) (87) WO2024/109792 (31) PCT/ (32) 24.11.22 (33) CN CN2022/134047 24.11.22 CN PCT/ CN2022/134163 (43) 30.05.2024 (72) QIN, Yi; CHEN, Yunying; WANG, Xia; GU, Jijie (74) Davies Collison Cave Pty Ltd
(71) ZHEJIANG LEAPMOTOR TECHNOLOGY CO., LTD (11) AU-A-2024287227 (21) 2024287227 (22) 14.10.2024 (54) ROTARY HINGE MECHANISM AND IN-VEHICLE CEILING SCREEN (51) Int. Cl. B60R 11/02 (2006.01) (31) 202311368011.0 (32) 19.10.23 (33) CN	(71) ZTE CORPORATION (11) AU-A-2023431455 (21) 2023431455 (22) 28.04.2023 (54) SYSTEMS AND METHODS FOR CONTROLLING A SMART NODE ON/OFF STATE (51) Int. Cl. H04W 72/23 (2023.01) (87) WO2024/169049 (43) 22.08.2024 (72) XU, Hanqing; ZHANG, Nan; LI, Ziyang; CAO, Wei; ZHENG, Shuang (74) Spruson & Ferguson

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2022479857	DOW GLOBAL TECHNOLOGIES LLC; ROHM AND HAAS COMPANY	2023360026	NUTROMICS TECHNOLOGY PTY LTD
2022483569	THE CLEVELAND CLINIC FOUNDATION	2023360027	NUTROMICS TECHNOLOGY PTY LTD
2022483721	HUAWEI TECHNOLOGIES CO., LTD.	2023360211	MARENGO THERAPEUTICS, INC.
2022484983	AIRO BRANDS, INC.	2023360355	AOC, LLC
2022485534	TECHTRONIC CORDLESS GP	2023360400	TOWING CO., LTD.
2022489358	BEIERDSORF AG	2023360862	RELATIVITY SPACE, INC.
2022491203	SIGNATURE PARFUMES, S.L.	2023360971	GOOGLE LLC
2023343985	CEREVEL THERAPEUTICS, LLC	2023361491	MARENGO THERAPEUTICS, INC.
2023344227	INSTITUTE FOR BASIC SCIENCE	2023361537	ÁCS, Z.; VASS, A.M.; MÁTÉ, P.
2023344532	AIZEN GLOBAL CO., INC.	2023361722	SRIVASTAVA, S.P.
2023344534	AIZEN GLOBAL CO., INC.	2023361727	EXPOSOME PVT. LTD.
2023345467	SANOFI BIOTECHNOLOGY	2023362055	CHANGCHUN GENESCENCE PHARMACEUTICAL CO., LTD.
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2023346096	NOBLE DRILLING A/S	2023362558	THERAVECTYS
2023346985	INMAGENE PTE. LTD.	2023362592	SPARINGVISION; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; SORBONNE UNIVERSITE
2023347007	BRIGHTGENE PTE. LTD.	2023362608	MEDIZINISCHE UNIVERSITÄT WIEN
2023347098	PADMAWAR, R.	2023362640	METSO FINLAND OY
2023347344	BIO-RAD LABORATORIES, INC.	2023362706	CAMBRIDGE ENTERPRISE LIMITED
2023347418	ACHAEMENID, LLC	2023362743	COSMO FIRST LIMITED
2023348129	INNOMAQ 21, S.L.	2023362744	SSI IP HOLDINGS INC.
2023348987	SHANGHAI APEIRON THERAPEUTICS COMPANY LIMITED	2023363606	OBRIST TECHNOLOGIES GMBH
2023349972	EVONIK OPERATIONS GMBH	2023363865	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023349974	EVONIK OPERATIONS GMBH	2023363990	CAPSIDA BIOTHERAPEUTICS, INC.
2023350333	HEFEI MEYER OPTOELECTRONIC TECHNOLOGY INC.	2023364059	REGENERON PHARMACEUTICALS, INC.
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2023350783	EAST COAST INNOVATION INC.	2023364551	ANTARES THERAPEUTICS, INC.
2023351134	CAAMTECH, INC.; ALEXANDER SHULGIN RE-SEARCH INSTITUTE	2023364705	QUANTUM-SI INCORPORATED
2023351308	MILLET INNOVATION	2023364709	QUANTUM-SI INCORPORATED
2023351966	AMO GRONINGEN B.V.	2023364711	QUANTUM-SI INCORPORATED
2023352050	AMO GRONINGEN B.V.	2023365001	LIFENET HEALTH
2023352679	ALEXION PHARMACEUTICALS, INC.	2023365216	TRISALUS LIFE SCIENCES, INC.
2023352723	GEMVAX & KAEL CO., LTD.	2023365228	GOOGLE LLC
2023353561	MIRATI THERAPEUTICS, INC.	2023365342	CATALOG TECHNOLOGIES, INC.
2023353614	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	2023365344	MEKANISTIC THERAPEUTICS LLC
2023353662	COSCONATI, S.	2023365347	CALDERA ENGINEERING, L.C.
2023354139	IDEXX LABORATORIES, INC.	2023365360	BIONADRX HOLDINGS, INC.
2023354219	ARES TRADING S.A.	2023365663	SYNLOGIC OPERATING COMPANY, INC.
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2023354925	INTERDIGITAL PATENT HOLDINGS, INC.	2023366003	WHITEWATER WEST INDUSTRIES LTD.
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2023355836	GARUDA THERAPEUTICS, INC.	2023366048	PVAP IP PTY LTD
2023355837	GARUDA THERAPEUTICS, INC.	2023366127	AMERICAN STERILIZER COMPANY
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2023356353	GARUDA THERAPEUTICS, INC.	2023366479	FLSMIDTH A/S
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2023356454	ZIBO YIHAI ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.	2023366908	TANGO THERAPEUTICS, INC.
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2023367575	APPLIED COGNITION, INC.	2023375628	BLUE LASER FUSION INC.
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2023368775	NANOVATION THERAPEUTICS INC.	2023377799	OPTEX SOLAR PTY LTD
2023369082	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023378227	HOP SHING HOUSEHOLD PRODUCT LIMITED
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2023370106	PEPTOMYC, S.L.; FUNDACIÓ PRIVADA INSTITUT D'INVESTIGACIÓ ONCOLÒGICA DE VALL HEBRON; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS	2023378388	CONVATEC LIMITED
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2023370529	CLARITY PHARMACEUTICALS LIMITED	2023381869	VERTIV CORPORATION
2023370536	BUCHER MUNICIPAL PTY LTD	2023382068	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2023370541	ECO SHIELD SYSTEMS PTY LTD.	2023382467	THE REGENTS OF THE UNIVERSITY OF COLORADO; MURDOCH UNIVERSITY
2023371455	FMP GROUP (AUSTRALIA) PTY LIMITED	2023382470	UOP LLC
2023371457	INDEX TECHNOLOGIES PTY LTD	2023382480	UOP LLC
2023371629	BOXIECAT, LLC	2023382606	AMGEN INC.
2023371779	CELLENGENE INC	2023383344	CLEAN CHEMISTRY, INC.
2023371792	NEUROFINE CORP.	2023383568	KPR U.S., LLC
2023372369	SCORPION THERAPEUTICS, INC.	2023383819	WUXI BIOLOGICS IRELAND LIMITED
2023372377	DYNE THERAPEUTICS, INC.	2023384061	MANSCAPED, LLC
2023372386	SUMITOMO PHARMA AMERICA, INC.	2023384471	CF PHARMTECH, INC.; RUIJIN HOSPITAL, SHANGHAI JIAOTONG UNIVERSITY SCHOOL OF MEDICINE; CF PHARMTECH GUANGZHOU LIMITED
2023372397	FLAGSHIP PIONEERING INNOVATIONS VI, LLC	2023384717	PLASSER & THEURER, EXPORT VON BAHNBAU-MASCHINEN, GESELLSCHAFT M.B.H.
2023372788	GUMGUM, INC.	2023385177	RAYTHEON COMPANY
2023372860	KOMATSU LTD.; NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	2023385185	IOVANCE BIOTHERAPEUTICS, INC.
2023372861	KOMATSU LTD.; NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	2023385508	CAMBI TECHNOLOGY AS
2023373022	IHI CORPORATION	2023385638	GRAPHIC PACKAGING INTERNATIONAL, LLC
2023373133	CAPITAL ONE SERVICES, LLC	2023386116	SANDVIK MINING AND CONSTRUCTION OY
2023373163	ZIMMER, INC.	2023386593	CHRETO APS
2023373363	GILEAD SCIENCES, INC.	2023388642	BLÜCHER GMBH
2023373553	AFFINITY TOOL WORKS, LLC	2023390130	AMGEN INC.
2023373667	CAMERON TECHNOLOGIES LIMITED	2023390466	QUALCOMM INCORPORATED
2023373669	DEBOGY MOLECULAR, INC.	2023391022	ENERGIZER BRANDS, LLC
2023373853	LABORATORY CORPORATION OF AMERICA HOLDINGS	2023391855	BENTLEY SYSTEMS, INCORPORATED
2023373919	NORTH ATLANTIC IMPORTS, LLC	2023392158	FRIESLANDCAMPINA NEDERLAND B.V.
2023374029	NAVITOR PHARMACEUTICALS, INC.	2023394991	CATALYM GMBH
2023374051	LUPAGEN, INC.	2023396677	KODIAK ROBOTICS, INC.
2023374239	MASCHIO GASPARD S.P.A.	2023398819	GEVO, INC.
2023374283	SPECIALTY OPERATIONS FRANCE	2023402712	INNATE PHARMA; MEDIMMUNE LIMITED
2023374336	BHUKHANWALA, K.	2023403032	ISLAND TECHNOLOGY, INC.
2023374456	STRYKER CORPORATION	2023404679	GELOMICS PTY LTD
2023374966	NICOVENTURES TRADING LIMITED	2023405056	SUNGROW (SHANGHAI) CO., LTD
2023375007	AKER BIOMARINE HUMAN INGREDIENTS AS	2023406490	GOOGLE LLC
2023375018	GOBY AS	2023407172	SICONA BATTERY TECHNOLOGIES PTY LTD
2023375094	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2023407250	ATLAS POWER TECHNOLOGIES INC.

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2023408413	GREEN CROSS CORPORATION
2023410027	TURZI, A.
2023413061	ASTELLAS US LLC
2023413066	ADS THERAPEUTICS LLC
2023414357	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA
2023414534	BRIDGESTONE CORPORATION
2023415205	MÖLNLYCKE HEALTH CARE AB
2023431455	ZTE CORPORATION
2023431461	SHENZHEN AIPER INTELLIGENT CO., LTD.
2023443779	CHERY AUTOMOBILE CO., LTD.
2023451864	NINGBO BABY FIRST BABY PRODUCTS CO., LTD.
2023452509	PSIQUANTUM, CORP.
2024203707	LENOVO (SINGAPORE) PTE LIMITED
2024205893	VAREX IMAGING CORPORATION
2024207429	MILLIKEN & COMPANY
2024207710	MILLIKEN & COMPANY
2024207748	MILLIKEN & COMPANY
2024208502	MILLIKEN & COMPANY
2024208590	MILLIKEN & COMPANY
2024209632	MABWELL THERAPEUTICS, INC.
2024211024	TYCO FIRE PRODUCTS LP
2024227062	PANGANG GROUP PANZHILUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.
2024233412	CHERY AUTOMOBILE CO., LTD.
2024233414	VALMONT INDUSTRIES, INC.
2024259422	SAINT-GOBAIN ISOVER
2024278253	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2024278254	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2024278537	TIN BRANCH OF YUNNAN TIN CO. LTD.
2024278539	TIN BRANCH OF YUNNAN TIN CO. LTD.
2024287227	ZHEJIANG LEAPMOTOR TECHNOLOGY CO., LTD
2024287300	GAZMICK PTY LIMITED
2024324023	FONTERRA CO-OPERATIVE GROUP LIMITED
2024340204	LG ENERGY SOLUTION, LTD.
2024343429	CHERY AUTOMOBILE CO., LTD.
2024345738	HUANSHENG NEW ENERGY (JIANGSU) CO., LTD.
2024354212	OMNIACTIVE HEALTH TECHNOLOGIES LIMITED

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<u>A01C 15 I/-</u>	<u>A01N 55 I/-</u>	<u>A23L 9 I/-</u>	2023362744 2023415205	<u>A61J 7 I/-</u>	<u>A61K 38 I/-</u>
2023370511 2023375275	2023373669	2023392158		2023366663	2023347007 2023352723 2023357991 2023361491 2023365001 2023370106 2023375471
<u>A01C 5 I/-</u>	<u>A01N 59 I/-</u>	<u>A24F 40 I/-</u>	<u>A61B 5 I/-</u>	<u>A61K 31 I/-</u>	
2022479857 2023374336 2023383344	2022479857 2023374336 2023383344	2022484983	2023347418 2023351966 2023367573 2023367575 2023374456 2023383568	2023343985 2023348987 2023351134 2023353561 2023353662 2023358214 2023362055 2023362706 2023364551 2023365344 2023365360 2023365685 2023366352 2023366908 2023366929 2023367040 2023367114 2023367200 2023368775 2023370106 2023372369 2023372377 2023372386 2023373363 2023373669 2023374029 2023375007 2023375094 2023376711 2023381087 2023381100 2023382467 2023382606 2023384471 2023410027 2023413066 2024354212	
<u>A01C 7 I/-</u>	<u>A01N 65 I/-</u>	2023351308			<u>A61K 39 I/-</u>
2023374239 2023375275	2023367108	<u>A43B 5 I/-</u>	<u>A61B 50 I/-</u>		2023346985 2023352679 2023362558 2023362608 2023366044 2023366045 2023368748 2023371779 2023372369 2023372377 2023373363 2023375471 2023383819 2023385185 2023390130 2023394991
<u>A01D 90 I/-</u>	<u>A01P 1 I/-</u>	2023351308	2023415205		
2023370511	2022479857 2023383344	<u>A43B 7 I/-</u>	<u>A61B 7 I/-</u>		
<u>A01G 24 I/-</u>	<u>A01P 15 I/-</u>	2023351308	2023347418		
2023360400	2023367108	<u>A45C 11 I/-</u>	<u>A61B 90 I/-</u>		
<u>A01G 25 I/-</u>	<u>A23C 1 I/-</u>	2023375151	2023366127 2023367060		
2024233414	2024324023	<u>A45D 34 I/-</u>	<u>A61C 7 I/-</u>		
<u>A01G 27 I/-</u>	<u>A23C 11 I/-</u>	2022491203	2023347418		
2023370541	2023392158	<u>A47F 1 I/-</u>			
<u>A01G 9 I/-</u>	<u>A23C 9 I/-</u>	2023366663	<u>A61F 13 I/-</u>		<u>A61K 45 I/-</u>
2023370541	2023362706	<u>A47G 27 I/-</u>	2023378384 2023378388 2023378389		2023351134 2023370106 2023372369 2023372386
<u>A01H 1 I/-</u>	<u>A23K 10 I/-</u>	2024207429 2024207710 2024208502	<u>A61F 2 I/-</u>		
2023370104	2023362706	<u>A47J 31 I/-</u>	2023365216 2023367060 2023371792 2023373163		<u>A61K 47 I/-</u>
<u>A01H 6 I/-</u>	<u>A23K 20 I/-</u>	2023377799			2023361491 2023364705 2023365360 2023366929 2023368775 2023370529 2023374051 2023375007 2023377443 2023408413 2023413061 2023413066 2024354212
2023367425	2023367108	<u>A47J 37 I/-</u>	<u>A61F 5 I/-</u>		
<u>A01K 1 I/-</u>	<u>A23K 40 I/-</u>	2023373919	2023347418 2023380062 2023381811	<u>A61K 33 I/-</u>	
2023371629	2023367108	<u>A47J 42 I/-</u>		2023381100	
<u>A01K 29 I/-</u>	<u>A23K 50 I/-</u>	2023378227	<u>A61G 1 I/-</u>		
2023371629	2023367108 2023367114	<u>A61B 1 I/-</u>	2023374456	<u>A61K 35 I/-</u>	
<u>A01K 61 I/-</u>	<u>A23L 29 I/-</u>	2023366127	<u>A61G 5 I/-</u>	2023349974 2023355836 2023355839 2023356348 2023356353 2023356361 2023362706 2023365663 2023366340 2023374051 2023375007 2023385185	
2023350783	2023349972 2023370250 2023370251	<u>A61B 10 I/-</u>	2023374456		<u>A61K 48 I/-</u>
<u>A01K 79 I/-</u>	<u>A23L 33 I/-</u>	2023354139 2023367203	<u>A61G 7 I/-</u>		2023362592 2023365663 2023408413
2023350783	2023349972 2023349974 2023352723 2023357991 2023370250 2023370251 2023374966 2023381100	<u>A61B 17 I/-</u>	2023374456	<u>A61K 36 I/-</u>	
<u>A01N 25 I/-</u>	2023349972 2023349974 2023352723 2023357991 2023370250 2023370251 2023374966 2023381100	2023365216 2023367060 2023371792 2023373163	<u>A61H 39 I/-</u>	2023367114 2023374966 2024354212	<u>A61K 51 I/-</u>
2022479857 2023383344	2023349972 2023349974 2023352723 2023357991 2023370250 2023370251 2023374966 2023381100	2023365216 2023367060 2023371792 2023373163	2023351308		2023370529
<u>A01N 37 I/-</u>	2023349972 2023349974 2023352723 2023357991 2023370250 2023370251 2023374966 2023381100	2023373163	<u>A61H 9 I/-</u>		<u>A61K 8 I/-</u>
2023383344	2023349972 2023349974 2023352723 2023357991 2023370250 2023370251 2023374966 2023381100	<u>A61B 3 I/-</u>	2023383568		2023366929 2023380329
<u>A01N 43 I/-</u>	<u>A23L 5 I/-</u>	2023351966	<u>A61J 1 I/-</u>		<u>A61K 9 I/-</u>
2023367108	2023349972	<u>A61B 34 I/-</u>	2023366663		2023361491 2023365685

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2023375007		2023355838	2023366003	2023356454	2023370524
2023376711	A61P 11 /-	2023355839			2023370525
2023379598		2023356348	B01D 35 /-	B22D 19 /-	2023370526
2023380329	2023365360	2023356353	2023350783	2023379071	2023370527
2023381087	2023384471	2023358214			
2023384471		2023360211	B01D 53 /-	B22F 10 /-	B26B 21 /-
2023408413	A61P 13 /-	2023361491			
		2023364551	2023346096	2023348129	2023384061
A61L 101 /-	2023352679	2023365344	2023361727	2023360862	
		2023366352	2023382480	2023379071	B28D 1 /-
2023373669	A61P 17 /-	2023366908			
		2023367040	B01D 61 /-	B23K 10 /-	2023370519
A61L 15 /-	2023366929	2023368748	2023375449	2023360862	2023370520
	2023380329	2023370106			2023370521
2022489358	A61P 19 /-	2023370529	B01F 101 /-	B23K 35 /-	2023370522
		2023371779			2023370524
A61L 2 /-	2023357991	2023372369	2023382068	2023360862	2023370525
2023366127	2023410027	2023372386			2023370526
		2023374051	B01F 25 /-	B23K 9 /-	B29C 64 /-
A61L 27 /-	A61P 21 /-	2023377443	2023382068	2023360862	2023348129
		2023382467			2023360862
2023365001	2023367200	2023382606	B01J 19 /-	B25H 1 /-	
	2023372377	2023383819			B32B 27 /-
A61L 9 /-	2024354212	2023390130	2023358216	2023373553	2023362743
		2023394991	2023382068		
2022491203	A61P 25 /-	A61P 37 /-		B25J 13 /-	B32B 5 /-
			B01L 3 /-		
A61M 1 /-	2023343985	2023355837	2023354139	2023370519	2023367522
	2023351134	2023355838	2023410027	2023370520	2023388642
2022483569	2023352723	2023370250		2023370521	
2023371792	2023365360	2023370251	B02C 13 /-	2023370522	B32B 7 /-
2023374051	2023367200	2023375471		2023370524	
2023381087	2023374029		2023362640	2023370525	2023380470
	2023375094	A61P 39 /-	B02C 18 /-	2023370526	B32B 9 /-
A61M 11 /-	2023381100	2023362706		2023370527	
	2024209632	2023367702	2023362640	B25J 15 /-	2023367522
2022484983	A61P 27 /-	A61P 7 /-	2023370536	2023370523	B33Y 10 /-
				2023370524	
A61M 15 /-	2023367702	2023355838	B02C 21 /-		2023348129
	2023413061	2023355839		B25J 19 /-	2023379071
2022484983	2023413066	2023356348	2023362640	2023370519	B33Y 30 /-
		2023356361	2023366479	2023370520	
A61M 25 /-	A61P 29 /-	2023375471	2023370536	2023370521	2023348129
			B02C 23 /-	2023370522	
2023365216	2023351134	A61P 9 /-		2023370524	B33Y 50 /-
2023367060	2023375471	2023366044	2023362640	2023370525	2023348129
2023371792		2023366045	B02C 4 /-	2023370526	
				2023370527	B33Y 80 /-
A61M 3 /-	A61P 3 /-	2023380329	2023366479	B25J 5 /-	
					2023348129
2022483569	2023347007	A61Q 17 /-	B05C 11 /-	2023370519	2023379071
	2023365360			2023370520	2023382068
A61M 39 /-	2023365663	A61Q 19 /-	2023370521	2023370521	
	2023375094	2023380329		2023370522	B41J 3 /-
2022483569	2023381087		B05D 1 /-	2023370523	
		A61Q 7 /-		2023370524	2024207710
A61M 5 /-	A61P 31 /-	2023366929	2023370521	2023370525	2024207748
			B06B 1 /-	2023370526	B41M 3 /-
2022483569	2023362558	A62C 35 /-	2023384717	2023370527	
	2023365685		B07C 5 /-		2023368598
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	2023375471	2024211024	2023367568	2023370520	2023378710
2023347418	2023376711			2023370521	
		A62C 37 /-			
A61P 1 /-	A61P 33 /-				
2023349974	2023367114				
2023365360	2023376711				
2023365685					
2023366340	A61P 35 /-				
2023367702					
2023370250	2023348987				

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2023414534	<u>B64F 1 /-</u>	2023356454	2023374029	2023348987	2023360211
	2023379530			2023365344	2023361491
<u>B60K 1 /-</u>	<u>B65D 19 /-</u>	<u>C02F 1 /-</u>	<u>C07C 62 /-</u>	2023375094	
2022478931	2023361537	2023350783	2023358214	2023382606	<u>C07K 5 /-</u>
<u>B60K 11 /-</u>		2023375449		<u>C07D 498 /-</u>	2023362055
2024233412	<u>B65D 25 /-</u>	<u>C02F 11 /-</u>	<u>C07C 69 /-</u>	2023365344	<u>C07K 7 /-</u>
	2023385638	2023385508	2023358214	2023382606	2023364705
<u>B60K 17 /-</u>	<u>B65D 3 /-</u>	<u>C02F 3 /-</u>	<u>C07D 207 /-</u>	<u>C07D 519 /-</u>	<u>C08F 110 /-</u>
2023378710	2023385638	2023362706	2023366352	2023348987	2023370362
<u>B60L 50 /-</u>	<u>B65D 50 /-</u>	<u>C03B 5 /-</u>	<u>C07D 213 /-</u>	2023365344	
2023378710	2023380470	2024259422	2023373669	2023375094	<u>C08F 2 /-</u>
<u>B60L 58 /-</u>	<u>B65D 75 /-</u>	<u>C04B 18 /-</u>	<u>C07D 215 /-</u>	<u>C07H 19 /-</u>	2023354401
2023344532	2023355737	2023356454	2023353662	2023365360	<u>C08F 210 /-</u>
<u>B60N 2 /-</u>	<u>B65D 83 /-</u>	<u>C04B 20 /-</u>	<u>C07D 251 /-</u>	<u>C07H 21 /-</u>	2023370362
2023345583	2023366663	2023357795	2023358216	2023364709	<u>C08F 226 /-</u>
2023451864	<u>B65D 85 /-</u>	<u>C04B 41 /-</u>	<u>C07D 401 /-</u>	<u>C07K 1 /-</u>	2023373669
<u>B60N 3 /-</u>	2023355737	2023379071	2023353662	2023357991	<u>C08F 283 /-</u>
2023345583	<u>B65F 1 /-</u>	<u>C05D 9 /-</u>	2023365344	2023386593	2022489358
<u>B60R 11 /-</u>	2023370536	2023374336	2023367040	<u>C07K 14 /-</u>	<u>C08F 4 /-</u>
2024287227	<u>B65F 3 /-</u>	<u>C05G 5 /-</u>	<u>C07D 403 /-</u>	2023347007	2023370362
<u>B60R 19 /-</u>	2023370536	2023374336	2023365344	2023355838	<u>C08G 63 /-</u>
2024233412	<u>B65G 47 /-</u>	<u>C07C 219 /-</u>	2023382606	2023356318	
<u>B60R 25 /-</u>	2023370523	2023379598	<u>C07D 405 /-</u>	2023356348	2022489358
2023443779	2023370527	2023408413	2023353662	2023357991	2023361491
<u>B60T 17 /-</u>	<u>B65G 59 /-</u>	<u>C07C 229 /-</u>	2023365344	2023362558	<u>C08H 1 /-</u>
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<u>B60W 30 /-</u>	<u>B65G 67 /-</u>	<u>C07C 231 /-</u>	2023375094	2023363990	
2023396677	2023370511	2023366473	2023382606	2023364705	<u>C08J 3 /-</u>
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2024278253	<u>B82B 1 /-</u>	<u>C07C 237 /-</u>	2023366352	2023365663	<u>C08K 3 /-</u>
	2023380329	2023366473	2023366908	2023371779	2023360355
<u>B61L 25 /-</u>	<u>B82Y 5 /-</u>	2023408413	<u>C07D 471 /-</u>	2023375471	2023407172
2024278253	2023380329	<u>C07C 269 /-</u>	2023343985	2023379437	
<u>B61L 27 /-</u>	<u>C01B 3 /-</u>	2023366473	2023348987	2023404679	<u>C07K 16 /-</u>
2024278253	2023382470	<u>C07C 271 /-</u>	2023353561	2023360211	
<u>B62D 21 /-</u>	2023382480	2023366473	2023362055	2023361491	<u>C09C 1 /-</u>
2024233412	<u>C01B 32 /-</u>	<u>C07C 273 /-</u>	2023364551	2023366044	2023368598
<u>B62D 7 /-</u>	2023407172	2023358216	2023365344	2023366045	
2023378710	<u>C01D 15 /-</u>	<u>C07C 321 /-</u>	2023375094	2023368748	<u>C09C 3 /-</u>
<u>B63B 35 /-</u>	2023350690	2023351134	<u>C07D 473 /-</u>	2023371779	2023368598
2023375018			2023365685	2023372377	
			<u>C07D 475 /-</u>	2023373363	<u>C09D 11 /-</u>
			2023413066	2023374051	2023368598
				2023377443	
				2023383819	<u>C09D 5 /-</u>
				2023390130	2023374283
				2023394991	
				2023402712	
				2024209632	

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C09J 167 I/-	2023375471	2023365347	E02B 15 I/-	F21B 43 I/-	F16P 3 I/-
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C09J 4 I/-		2023350690	E02F 9 I/-	F21B 47 I/-	F21L 2 I/-
	C12N 5 I/-	C22B 7 I/-			
2022489358			2023372860	2023371457	2023391022
	2023354219	2023350690	2023372861	F21D 20 I/-	F21L 4 I/-
C09K 21 I/-	2023355837				
	2023355838	C22C 1 I/-	E04B 1 I/-	2024287300	2023391022
2023360355	2023355839				
	2023356348	2023379071	2023366048	F21D 21 I/-	F21V 21 I/-
C09K 5 I/-	2023356353		2023370519		
	2023356361	C22C 29 I/-	2023370520	2024287300	2023391022
2023407172	2023367568		2023370521		
	2023368748	2023379071	2023370522	F01D 25 I/-	F21Y 115 I/-
C09K 8 I/-	2023385185		2023370524		
	2023404679	C25B 1 I/-	2023370525	2023369082	2023391022
2023373667			2023370526		
	C12N 9 I/-	2023363606		F02C 3 I/-	F23C 7 I/-
C10G 3 I/-		2023373022	E04F 21 I/-		
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2023398819	2023347344	C25B 15 I/-	2023370519		
	2023356318		2023370520	F02C 7 I/-	F23D 14 I/-
C10G 50 I/-	2023356353	2023363606	2023370521		
	2023364711	2023373022	2023370522	2023368070	2024278539
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	2023347344			2023368070	2023368070
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	C12P 21 I/-				
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	2023364711		2023370520		
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2023366294		2023358783	2023370523	2023370521	2024278539
	C12Q 1 I/-	2024207429	2023370524		
C11D 11 I/-		2024207710	2023370525	F04D 29 I/-	F23N 5 I/-
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	2023355839				
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	C21D 11 I/-				
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2023385508	2024227062				
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C12N 1 I/-	C21D 8 I/-				
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2023362706	2024227062	D06N 7 I/-	E06B 7 I/-	F16D 66 I/-	F25B 13 I/-
C12N 15 I/-	C21D 9 I/-	2024207429	2023356551	2023371455	2023353614
		2024207710			
2023344227	2024227062	2024207748	E06B 9 I/-	F16H 57 I/-	F25B 41 I/-
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2023356348	C22B 15 I/-	2024208590	2023356551	2024343429	2023353614
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2023360211	2023350690	D06P 5 I/-	E21B 10 I/-	F16J 15 I/-	F25B 43 I/-
2023362592					
2023362706	C22B 25 I/-	2024207429	2023386116	2023369082	2023353614
2023363990		2024207710			
2023364059	2024278537	2024207748	E21B 37 I/-	F16L 1 I/-	F27D 17 I/-
2023364709		2024208502			
2023368748	C22B 26 I/-	2024208590	2023373667	2023377704	2024278537
2023368775					
2023370104	2023350690	E01B 27 I/-	E21B 41 I/-	F16L 37 I/-	F27D 19 I/-
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2023374051	2023350690				

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<u>F28D 5 /-</u>	<u>G01R 31 /-</u>	<u>G06F 17 /-</u>	<u>G06Q 40 /-</u>		<u>H02H 1 /-</u>
2023356705	2023344532	2023405056	2023344534	<u>G16H 70 /-</u>	2023355332
<u>F28F 25 /-</u>	<u>G01S 15 /-</u>	<u>G06F 18 /-</u>	<u>G06Q 50 /-</u>	2023373853 2023415205	<u>H02J 15 /-</u>
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<u>G01C 15 /-</u>	<u>G01V 1 /-</u>			2023347098	<u>H02J 7 /-</u>
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	<u>G01V 3 /-</u>	2023374456	<u>G06T 7 /-</u>	2023347098	<u>H02K 3 /-</u>
<u>G01C 21 /-</u>	2023371457	<u>G06F 30 /-</u>	2023370523	<u>H01B 7 /-</u>	2023385177
2023370519 2023370526	<u>G01V 5 /-</u>	2023376765 2023382068	<u>G06V 10 /-</u>	2023367701	<u>H02K 5 /-</u>
	2023379530	<u>G06F 8 /-</u>	2023370523 2024278254	<u>H01J 35 /-</u>	2023385177
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2023371455	2023354401 2023367701 2023452509	<u>G06F 9 /-</u>	2023370519 2023370520 2023370521 2023370522 2023370524 2023370525 2023370526	<u>H01J 43 /-</u>	2023385177
<u>G01L 1 /-</u>		2023391855		2023370275	<u>H02S 20 /-</u>
2023371455	<u>G03B 15 /-</u>	<u>G06N 10 /-</u>		<u>H01J 49 /-</u>	2023356551
<u>G01L 11 /-</u>	2023370523	2023365228 2023367387 2023406490 2023452509	<u>G06V 40 /-</u>	2023370275	<u>H04B 7 /-</u>
2023371455	<u>G03H 1 /-</u>			<u>H01J 5 /-</u>	2022483721
<u>G01M 11 /-</u>	2023348129	<u>G06N 20 /-</u>	2024278254	2024205893	<u>H04L 67 /-</u>
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<u>G01M 17 /-</u>	2023374456		2023373133	2023350690 2024340204	<u>H04L 9 /-</u>
2023414534	<u>G05B 19 /-</u>	<u>G06N 3 /-</u>	<u>G08B 21 /-</u>	<u>H01M 4 /-</u>	2023362218 2023373133 2023376648
<u>G01N 1 /-</u>	2023370519 2023370520 2023370522 2023370523 2023370524 2023370525 2023370526 2023374456	2023373853 2023382068	2023374456	2023407172	<u>H04N 19 /-</u>
2023367203 2023379437		<u>G06N 5 /-</u>	<u>G09B 9 /-</u>	<u>H01M 50 /-</u>	2023390466
<u>G01N 15 /-</u>		2023365228	2023352050	2022485534	<u>H04N 21 /-</u>
2023367568			<u>G09F 3 /-</u>	<u>H01M 6 /-</u>	2023372788
<u>G01N 21 /-</u>	<u>G05D 1 /-</u>	<u>G06N 7 /-</u>	2023380470	2023350690	<u>H04W 36 /-</u>
2023364709	2023370527 2023396677	2023373853	<u>G16B 20 /-</u>	<u>H01M 8 /-</u>	2023354925
<u>G01N 25 /-</u>		<u>G06Q 10 /-</u>	2023373853	2023363865	<u>H04W 4 /-</u>
2023365360	<u>G05D 3 /-</u>	2023344532 2023344534 2023367024 2023374456 2023376765 2023379530	<u>G16B 40 /-</u>	<u>H01R 103 /-</u>	2023370527
<u>G01N 27 /-</u>	2023370527		2023373853	2023414357	<u>H04W 48 /-</u>
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	2023382068	<u>G06Q 20 /-</u>	2023374456	2023414357 2024205893	<u>H04W 52 /-</u>
<u>G01N 33 /-</u>	<u>G06F 119 /-</u>	2023364152 2023373133	<u>G16H 20 /-</u>	<u>H01R 31 /-</u>	2024203707
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B23Q 1/26 (2006.01)
B23Q 3/06 (2006.01)
B60D 1/01 (2006.01)
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B65D 85/68 (2006.01)
B66F 7/08 (2006.01)
B66F 7/16 (2006.01)
B66F 7/22 (2006.01)
B66F 9/00 (2006.01)
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A61B 3/113 (2006.01)
A61B 3/12 (2006.01)
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C12N 15/113 (2010.01)
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F04F 5/10 (2006.01)
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C02F 1/28 (2023.01)
C22B 7/00 (2006.01)
C02F 101/10 (2006.01)
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A61K 31/33 (2006.01)
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G10L 21/055 (2013.01)
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A61L 27/14 (2006.01)
A61L 27/20 (2006.01)
A61L 27/24 (2006.01)
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H02J 7/32 (2006.01)
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C04B 24/02 (2006.01)
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C09K 8/487 (2006.01)
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E05G 1/06 (2006.01)
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C12P 13/08 (2006.01)
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B29C 33/38 (2006.01)
B29C 45/00 (2006.01)
B29C 51/10 (2006.01)
B29L 31/00 (2006.01)
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A61K 31/4745 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 13/12 (2006.01)
A61P 15/08 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
C07K 16/28 (2006.01)
C12N 1/15 (2006.01)
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F24F 1/30 (2011.01)
F24F 13/20 (2006.01)
F25B 41/40 (2021.01)
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C07D 209/14 (2006.01)
A23L 33/10 (2016.01)
A61K 31/4045 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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G05B 13/02 (2006.01)
G06Q 50/06 (2012.01)
H02J 3/32 (2006.01)
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G06F 9/00 (2006.01)
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G06F 9/54 (2006.01)

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A43B 3/40 (2022.01)
A43B 7/145 (2022.01)
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B62D 25/24 (2006.01)
E05C 3/04 (2006.01)
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A61K 31/192 (2006.01)
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A61K 35/74 (2015.01)
A61K 35/76 (2015.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
C12N 5/0781 (2010.01)
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F16L 15/04 (2006.01)
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A23K 10/16 (2016.01)
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H05K 7/20 (2006.01)
F25D 1/02 (2006.01)
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A61K 35/17 (2015.01)
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A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
C07K 19/00 (2006.01)
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C07D 401/04 (2006.01)
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B60W 30/16 (2020.01)
B60W 30/165 (2020.01)
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B60W 30/18 (2012.01)
B60W 30/188 (2012.01)
G08G 1/16 (2006.01)

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G06V 40/10 (2022.01)
H04N 17/02 (2006.01)
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C02F 1/48 (2006.01)
C12G 1/00 (2019.01)
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E05F 15/77 (2015.01)
A01K 11/00 (2006.01)
A01K 31/02 (2006.01)
E05B 63/18 (2006.01)
E05F 15/616 (2015.01)
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A23J 3/14 (2006.01)
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B66F 7/06 (2006.01)
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B67D 1/10 (2006.01)
C02F 1/68 (2023.01)
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B60N 2/16 (2006.01)
B60N 2/52 (2006.01)
B60G 15/12 (2006.01)
B60N 2/54 (2006.01)
F16F 9/06 (2006.01)
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A61K 31/4162 (2006.01)
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C25C 3/08 (2006.01)
C25B 9/17 (2021.01)
C25C 3/12 (2006.01)
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2019272844	Barinthus Biotherapeutics North America, Inc.; The United States of America, as represented by the secretary, Department of Health and Human Services Office of Technology Transfer National Institutes of Health	2019410266	BD Kiestra B.V.
2019274484	Caterpillar Inc.	2019410727	Actelion Pharmaceuticals Ltd
2019279484	Mucsi, L.	2019414511	SkyCool Systems, Inc.
2019280219	Efremkin, P.	2019416633	B1 Institute of Image Technology, Inc.
2019283460	Datamars SA	2019420431	Sekisui House, Ltd.
2019284128	Dometic Sweden AB	2019420732	IonQ, Inc.; University of Maryland, College Park; Duke University
2019288915	Heerema Marine Contractors Nederland SE	2019427275	Dow Global Technologies LLC; Rohm and Haas Company
2019292327	Hallura Ltd.	2019427461	I4F Licensing NV
2019293531	Smart Wave Technologies, Inc.	2019431468	C.R. Bard, Inc.
2019295853	410 Medical, Inc.	2019441337	Razer (Asia-Pacific) Pte. Ltd.
2019297367	Saab dynamics AB	2019452391	Proceq SA
2019299241	Monsanto Technology LLC	2019457744	Altup Patents III B.V.
2019299538	Celista Pharmaceuticals LLC	2020200466	Howmedica Osteonics Corp.
		2020200553	MAC Valves, Inc.
		2020201623	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
		2020201943	Cable Management Solutions, Inc.

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2020202982	Thermacrete LLC	2020386866	Elbit Systems Ltd.
2020202990	The Boeing Company	2020409002	Halliburton Energy Services, Inc.
2020203683	The Boeing Company	2020446482	Raytheon Company
2020204251	PGS Geophysical AS	2021201868	BISSELL Inc.
2020204810	Distalmotion SA	2021211653	Halliburton Energy Services, Inc.
2020205622	Turn 14 Distribution, Inc.	2021221304	NEC Platforms, Ltd.
2020206021	Pharmacosmos Holding A/S	2021231967	Stryker European Operations Limited
2020208360	Regeneron Pharmaceuticals, Inc.	2021237368	LanzaTech, Inc.
2020209432	Nederlandse Organisatie voor Toegepast-Natuur- wetenschappelijk Onderzoek TNO	2021242306	Vanderbilt University
2020211992	Dentsply Sirona Inc.	2021242976	National Institute of Biological Sciences, Beijing
2020214711	KMTC Vortifer Projektgesellschaft mbH	2021247556	Daikin Industries, Ltd.
2020216780	Multitude Inc.	2021260579	Cargill, Incorporated
2020218863	Koninklijke Philips N.V.	2021270619	Safekick Americas LLC
2020219179	Société des Produits Nestlé S.A.	2021281021	Helmholtz Zentrum München - Deutsches Forschung- szentrum für Gesundheit und Umwelt (GmbH)
2020219224	The Coca-Cola Company	2021282381	AGENUS INC.
2020221586	Sandvik Mining and Construction Tools AB	2021284765	Minghui Pharmaceutical (Shanghai) Limited; Minghui Pharmaceutical (Hangzhou) Limited
2020224154	Marengo Therapeutics, Inc.	2021284919	Kali Healthcare Pty Ltd
2020225432	Microphyt	2021323178	Beijing Solobio Genetechnology Co., Ltd.
2020226553	Huawei Technologies Co., Ltd.	2021355738	FUJIFILM CORPORATION
2020229014	Expro North Sea Limited	2021356770	ACCELLIX LTD.
2020230026	Turun yliopisto	2021357162	LUFFMAN, B.
2020232066	Keio University	2021360214	ICEYE OY
2020232257	The Chemours Company FC, LLC	2021369498	CATERPILLAR INC.
2020232679	The Chemours Company FC, LLC	2021370385	METALOGENIA RESEARCH & TECHNOLOGIES, S.L.
2020232965	RareCyte, Inc.	2021370467	LINDSAY CORPORATION
2020244654	Shearwater Invest AS	2021370870	CATERPILLAR INC.
2020245160	Alcon Inc.	2021370876	CATERPILLAR INC.
2020245182	Seduna SCT SA	2021373574	VICTAULIC COMPANY
2020249431	FrieslandCampina Nederland B.V.	2021401431	ABBOTT DIABETES CARE INC.
2020250228	Prysmian S.p.A.	2021402550	OCADO INNOVATION LIMITED
2020251052	Hyper Q Aerospace Holdings Pty Ltd	2021405615	INVENTIO AG
2020253960	ULMA packaging, S.COOP.	2021411601	UOP LLC
2020261452	Cuula GmbH	2021412682	SUNTORY HOLDINGS LIMITED
2020265530	AeroVironment, Inc.	2021428033	mitsubishi heavy industries thermal sys- tems, LTD.
2020266956	Wuxi Biocity Biopharmaceutics Co., Ltd.	2021430668	TAROKO DOOR & WINDOW TECHNOLOGIES, INC.
2020267006	Global Life Sciences Solutions USA LLC	2021433702	BABU, K.R.
2020268163	Caterpillar Inc.	2021438351	NOKIA TECHNOLOGIES OY
2020268520	Essilor International	2021443607	CJ CHEILJEDANG CORPORATION
2020271815	Weatherford Technology Holdings, LLC	2021447019	PALO ALTO NETWORKS (ISRAEL ANALYTICS) LTD.
2020277020	BADVR, INC.	2021455408	HINGE HEALTH, INC.
2020278941	Dizer AB	2021473668	mitsubishi electric corporation
2020280226	Firebrick Pharma Limited	2021473799	WINBO-DONGJIAN AUTOMOTIVE TECHNOLOGY CO., LTD.
2020283177	EditForce, Inc.; Kyushu University, National University Corporation	2022200452	AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
2020287198	Philip Morris Products S.A.	2022200658	AGENUS INC.
2020288807	Microvascular Therapeutics, LLC	2022200871	Genmab A/S
2020291242	Morishita Jintan Co., Ltd.	2022201744	Baylor College of Medicine
2020296475	Elastotec Pty Limited	2022201940	Dana-Farber Cancer Institute, Inc.
2020299155	Caterpillar Inc.	2022201958	Fine, K.D.
2020301706	System 7 Ballast Regulator GmbH	2022203309	Memorial Sloan Kettering Cancer Center
2020306015	Smartec Products LLC	2022204792	Osaka University
2020309529	Becton, Dickinson and Company	2022205729	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2020309848	Attenti Electronic Monitoring Ltd	2022206776	Thomas Jefferson University
2020310860	GeoQuest Systems B.V.	2022213724	DAIKIN INDUSTRIES, LTD.
2020313562	AeroVironment, Inc.	2022215321	Adobe Inc.
2020314167	Romano, S.	2022224037	NISSAN CHEMICAL AMERICA CORPORATION
2020317542	Remedius Limited	2022224960	GRANT PRIDECO, INC.
2020322131	Dendrogenix	2022229380	ELI LILLY AND COMPANY
2020325802	Eggli, S.	2022229843	QV BIOELECTRONICS LTD.
2020328244	Alcon Inc.	2022230622	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.
2020329111	GeoQuest Systems B.V.	2022233479	GLATT GESELLSCHAFT MIT BESCHRÄNKTER HAF- TUNG
2020335354	DePuy Synthes Products, Inc.	2022237892	SYNGENTA CROP PROTECTION AG
2020337179	Reflex Instruments Asia Pacific Pty Ltd	2022238316	MCKNIGHT, G.D.; RAYBORN, R.L.
2020343924	CIMA S.p.A.	2022240751	BATTELLE MEMORIAL INSTITUTE
2020344110	Alisea S.R.L.	2022244301	SUNGROW POWER SUPPLY CO., LTD.
2020347761	Rehninvent AB	2022259746	Illinois Tool Works Inc.
2020352831	Caterpillar Inc.		
2020361074	ConvaTec Limited		
2020368594	Fresenius Kabi Deutschland GmbH		
2020379171	MedImmune Limited		
2020380081	Donaghys Limited		

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2022264724	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023203654	Fisher & Paykel Healthcare Limited
2022266352	NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE	2023203975	GUANGZHOU TUSUNNY HOME PRODUCTS CO., LTD.
2022268037	KUKI SANGYO CORPORATION	2023204243	Abiomed, Inc.
2022274345	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	2023204307	Nanovision Technology (Beijing) Co., Ltd.
2022275399	Zoetis Services LLC; United States of America as represented by the Secretary of Agriculture	2023204351	Heineken Supply Chain B.V.
2022275451	Mayo Foundation for Medical Education and Research; Exact Sciences Corporation	2023204723	CORNELL PUMP COMPANY LLC
2022276958	HK INNO.N CORPORATION; KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY	2023208083	Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
2022278671	PHYSIDIA	2023208162	FISHER & PAYKEL HEALTHCARE LIMITED
2022283993	FOUR PAWS PRODUCTS, LTD.	2023208211	Itron, Inc.
2022286374	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	2023210527	Fresenius Medical Care Holdings, Inc.
2022286961	BAKER HUGHES OILFIELD OPERATIONS LLC	2023210664	ConMed Corporation
2022287232	IML INSTRUMENTA MECHANIK LABOR GMBH	2023211850	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.
2022289429	KIRPICHNIKOV, A.; SEREGIN, Y.; GORDIEIEV, V.	2023214329	Canon Kabushiki Kaisha
2022289487	DECISION SCIENCES INTERNATIONAL CORPORATION	2023219932	Evolute Labs Co., Ltd.
2022293326	F. HOFFMANN-LA ROCHE AG	2023222873	SHOEALLS CO., LTD.
2022298625	MIDREX TECHNOLOGIES, INC.	2023227822	FLUID TRANSFER TECHNOLOGY PTY LTD
2022301562	JOWAT SE	2023231265	HANSHOW TECHNOLOGY CO., LTD.
2022301691	FUJIKURA LTD.	2023233049	MFTB Holdco, Inc.
2022302593	LG ELECTRONICS INC.	2023234045	KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRA-STRUCTURE SYSTEMS & SOLUTIONS CORPORATION
2022304436	PETNOW INC.	2023236448	KINETIC FOAM ENGINEERING INTERNATIONAL, LLC
2022305405	LG ELECTRONICS INC.	2023237051	Caris Science, Inc.
2022310329	KURITA WATER INDUSTRIES LTD.	2023237215	Schreder S.A.
2022312752	NEWTEQ HOLDING B.V.	2023241281	MANGROVE WATER TECHNOLOGIES LTD
2022312861	ASAHI KASEI KABUSHIKI KAISHA	2023241364	Modular Mining Systems, Inc.
2022319801	VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT	2023251516	Bayer HealthCare LLC
2022334540	BAKER HUGHES ENERGY TECHNOLOGY UK LIMITED	2023255767	CAAMTECH, INC.
2022337117	VALENT BIOSCIENCES LLC	2023258376	Leidos, Inc.
2022339607	SUSPENSION SYSTEMS TECHNOLOGIES, INC.	2023258428	The Procter & Gamble Company
2022344154	DOLBY LABORATORIES LICENSING CORPORATION	2023263541	Rite-Hite Holding Corporation
2022345964	IMMUNITYBIO, INC.	2023263555	LG Electronics Inc.
2022360194	HUAWEI TECHNOLOGIES CO., LTD.	2023266904	INNER MONGOLIA NORTH HAULER JOINT STOCK CO.,LTD.
2022368799	BYD COMPANY LIMITED	2023272512	Wing Aviation LLC
2022370260	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2023274144	Huawei Technologies Co., Ltd.
2022378424	MARBIS GMBH	2023274242	Tencent America LLC
2022382226	NIPPON STEEL CORPORATION	2023282215	Lynx System Developers, Inc.
2022397584	VERTIV TECH CO., LTD.	2023283368	KASEYA US LLC
2022399640	SYNAURA BIOTECHNOLOGY (SHANGHAI) CO., LTD.	2023286025	Anglo American Technical & Sustainability Services Ltd;
2022412569	DAEWOONG THERAPEUTICS INC.	2023287586	Anglo Corporate Services South Africa (Pty) Ltd
2022416005	THE TRUSTEES OF INDIANA UNIVERSITY	2023312378	EVERGREEN FS, INC.
2022425741	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2023338593	ZHENGZHOU NON-FERROUS METALS RESEARCH INSTITUTE CO. LTD OF CHALCO
2022428473	BYD COMPANY LIMITED	2023348038	ORCA CONNEX AS
2022433486	MITSUBISHI ELECTRIC CORPORATION	2023358133	GINLONG TECHNOLOGIES CO., LTD.
2023200238	Joy Global Underground Mining LLC	2023360037	GITTENS PTY LTD
2023200561	MedicalTree Patent Ltd	2023360037	BCI MINING TECHNOLOGY PTY LTD
2023200670	Joy Global Underground Mining LLC	2023425458	CHEVRON U.S.A. INC.; TRIAD NATIONAL SECURITY, LLC
2023200746	Gen-Probe Incorporated	2024200740	IHI Corporation
2023200891	WuXi Biologics Ireland Limited	2024200856	Canva Pty Ltd
2023201025	Sungrow Renewables Development Co. Ltd.	2024201127	Huawei Technologies Co., Ltd.
2023201112	Sun Pharmaceutical Industries, Inc.	2024201295	Intuit Inc.
2023201149	Treemagineers Ltd	2024201332	National University Corporation Tottori University;
2023201185	BioNTech SE	2024201350	Yamaguchi University
2023202033	Viseon, Inc.	2024201537	Assa Abloy AB
2023202116	Evolved By Nature, Inc.	2024201637	Ati Properties LLC
2023202139	S. C. Johnson & Son, Inc.	2024201697	CAT ST PTY LTD
2023202287	Werner Co.	2024201877	Apple Inc.
2023202638	Gallagher, S.	2024202548	Arix Pharmaceuticals, Inc.
2023202749	Blackhawk Network, Inc.	2024202758	STATE GRID SMART GRID RESEARCH INSTITUTE CO., LTD.
2023202770	Ohly GmbH	2024203585	Heraeus Medical GmbH
2023202867	THE CHEMOURS COMPANY FC, LLC.	2024203759	Google LLC
2023203048	President and Fellows of Harvard College	2024204778	NOVAPHOS GYPSUM TECHNOLOGY LLC
2023203131	Superior Pak Holdings Pty Ltd	2024205581	Trina Solar Co., Ltd.
2023203222	Tencent America LLC		Carnegie Mellon University
2023203514	Fisher & Paykel Healthcare Limited		

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2024205582	Dongguan Best Travel Electronics Co.,Ltd.
2024220027	NEWTEQ HOLDING B.V.
2024227218	Venter, J.
2024227587	First Data Corporation
2024264573	Titan Design & Engineering Pty Ltd
2024264628	Longkou Yongan Vehicle Window Co., Ltd.
2024266704	DEFIANT ENGINEERING, LLC
2024278469	CATOI, P.B.
2024338954	HOLLISTER INCORPORATED
2025200555	Clover Network, LLC
2025201339	O'Brien, D.

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2019216619	2019210557	<u>A23K 10 /-</u>	2021201868	2019283460	<u>A61K 33 /-</u>
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<u>A01B 49 /-</u>	2020380081	<u>A23K 20 /-</u>	2021201868	<u>A61F 13 /-</u>	2019346521
2019216619	2022237892			2019353665	2020206021
		2020249431	<u>A61B 1 /-</u>	2019355239	<u>A61K 35 /-</u>
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2019216611	2022337117				2019248516
		2020249431	<u>A61B 17 /-</u>	2019378751	2019318661
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		<u>A23K 50 /-</u>	2019280219	2020325802	2020291242
2021370467	2022237892		2019322229		2021355738
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			2019343947		2024201332
2023287586	2022337117	<u>A23L 17 /-</u>	2019431468	2019378751	
			2020245160	2020361074	<u>A61K 38 /-</u>
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		<u>A23L 2 /-</u>	2020368594		2018412532
2019210557	2022337117		2021231967	<u>A61F 6 /-</u>	2019229469
		2019394578	2022287232	2019280219	2019328599
<u>A01C 5 /-</u>	<u>A01P 3 /-</u>	2021260579	2023202033		2019342731
			2023210664	<u>A61F 7 /-</u>	2019355971
2019216619	2022237892	<u>A23L 23 /-</u>	<u>A61B 18 /-</u>		2023203048
				2019315940	2024201332
<u>A01C 7 /-</u>	<u>A01P 5 /-</u>	2019394578	2019280219		<u>A61K 39 /-</u>
				<u>A61F 9 /-</u>	
2019216619	2022237892	<u>A23L 27 /-</u>	<u>A61B 3 /-</u>	2020245160	2017445171
2019299241					2018254437
	<u>A23B 2 /-</u>	2021260579	2020245160	<u>A61G 12 /-</u>	2018270961
<u>A01G 25 /-</u>	2020245182	<u>A23L 29 /-</u>	2022293326		2018271930
			2022416005	2021221304	2018297318
2021370467	<u>A23B 70 /-</u>	2021260579			2018317438
<u>A01K 1 /-</u>		<u>A23L 33 /-</u>	<u>A61B 34 /-</u>	<u>A61H 19 /-</u>	2018383751
	2020245182		2019270647		2018396991
2024201637			2020204810	2019378751	2018412532
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		2020249431	<u>A61B 46 /-</u>	<u>A61H 31 /-</u>	2019219589
2019306302	2019394578	2022276958		2023200561	2019240906
2020306015	<u>A23C 23 /-</u>	2023202770	2020204810		2019272844
		<u>A43B 13 /-</u>	<u>A61B 5 /-</u>	<u>A61K 31 /-</u>	2019342731
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		2022289429	2019325113	2018254437	2020216780
2022283993	<u>A23C 9 /-</u>		2019337699	2018270961	2020379171
		<u>A43B 17 /-</u>	2019299538	2019299538	2021242306
<u>A01K 17 /-</u>	2020249431		2019397494	2019321434	2021242976
		2022289429	2020218863	2019342731	2021284765
2022283993	<u>A23D 7 /-</u>		2021284919	2019346521	2021323178
		<u>A43B 3 /-</u>	2021401431	2019368537	2022200452
<u>A01K 29 /-</u>	2020249431			2019368537	2022200658
		2022289429	<u>A61B 6 /-</u>	2019376368	2022200871
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			2019349944	2019392524	2022201940
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	2022268037		<u>A61B 8 /-</u>	2019410727	2022204792
2020306015		2022289429		2020266956	2022204792
	<u>A23F 5 /-</u>	2023222873	2019270647	2020280226	2022275399
<u>A01M 1 /-</u>				2020287198	2023200891
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2023202139	<u>A23J 1 /-</u>	2022283993	2019343947	2020322131	2022276958
			2020328244	2021242976	
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2020291242	<u>A61M 27 /-</u>	2019229469	<u>A63C 17 /-</u>	<u>B08B 1 /-</u>	2022412569
2021284765					<u>B32B 3 /-</u>
2022201940	2023200561	<u>A61P 31 /-</u>	2025201339	2020347761	
				2022233479	2019263763
<u>A61K 48 /-</u>	<u>A61M 3 /-</u>	2018254437	<u>A63F 9 /-</u>		
		2019312144		<u>B23K 11 /-</u>	<u>B32B 5 /-</u>
2018297318	2024202758	2020232066	2020278941		
2018338787	<u>A61M 37 /-</u>	2020280226		2022382226	2019263763
2024201332		2021323178	<u>B01D 19 /-</u>	<u>B23K 26 /-</u>	<u>B33Y 80 /-</u>
	2022412569	2024201877			
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		2018270961			
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	2022278671	2019219589			
2023258428	2023203514	2019240906	<u>B01D 35 /-</u>	<u>B23P 6 /-</u>	<u>B60D 1 /-</u>
	2023203654	2019376368			
<u>A61K 9 /-</u>		2020224154	2019204264	2022233479	2018426291
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2019248516	2019295853	2021284765			<u>B60G 15 /-</u>
2019299538	2019316821	2022200871	2020209432	2020313562	
2019318661	2019347710	2022204792			2022339607
2019337699	2020309529	2022206776	<u>B01D 61 /-</u>	<u>B23Q 3 /-</u>	
2019342731	2023251516	2022229380			<u>B60G 17 /-</u>
2019368537		2022276958	2019309400	2020313562	
2019376368	<u>A61M 60 /-</u>	2023200891	2019386947		2020205622
2019380294		2024201332	2023241281	<u>B24B 9 /-</u>	
2020287198	2020314167				<u>B60J 1 /-</u>
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	2019250178		<u>B01J 13 /-</u>	2019316498	2024264628
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	2022229843		2024205581		
2019292327	2022240751	2018270961		<u>B27D 5 /-</u>	2024264573
		2018373588	<u>B01J 8 /-</u>	2022283993	
<u>A61L 2 /-</u>	<u>A61P 1 /-</u>	2018383751			<u>B60L 50 /-</u>
		2020322131	2019351847	<u>B27D 5 /-</u>	
2018442725	2019392524				2025201339
2024202758		<u>A61P 5 /-</u>	<u>B01L 3 /-</u>	2022301562	
	<u>A61P 11 /-</u>				<u>B60N 2 /-</u>
<u>A61L 24 /-</u>		2018373588	2019409018	<u>B27G 15 /-</u>	
	2019380294		2021356770		2022339607
2019292327	2019410727	<u>A61P 7 /-</u>			
	2020379171		<u>B01L 9 /-</u>	2022287232	
<u>A61L 27 /-</u>	<u>A61P 13 /-</u>	2020206021			<u>B60P 3 /-</u>
			2020232965	<u>B28B 1 /-</u>	
2019292327		<u>A61P 9 /-</u>			
2019309541	2018270961		<u>B02C 17 /-</u>	2020202982	2019301577
2024205581		2019318661		<u>B28B 23 /-</u>	2020313562
	<u>A61P 15 /-</u>	2019410727	2020296475		2024227218
<u>A61M 1 /-</u>		2020206021		2020202982	
	2018270961		<u>B05B 1 /-</u>		<u>B60P 7 /-</u>
2019295853	<u>A61P 19 /-</u>	<u>A61Q 11 /-</u>		<u>B28B 7 /-</u>	
2022278671			2019210557		2020313562
2023204243	2021355738	2023258428		2020202982	
			<u>B05B 12 /-</u>		<u>B60R 3 /-</u>
<u>A61M 13 /-</u>	<u>A61P 25 /-</u>	<u>A62B 18 /-</u>	2019210557	<u>B29C 33 /-</u>	2021473799
2019322229	2018338787	2023203514	<u>B05B 13 /-</u>	2022412569	<u>B60T 13 /-</u>
	2019390907				
<u>A61M 16 /-</u>	2019394956	<u>A62B 35 /-</u>	2022233479	<u>B29C 45 /-</u>	2023266904
	2020225432				
2023203514	2020322131	2023201149	<u>B06B 1 /-</u>	2022412569	<u>B60T 15 /-</u>
2023203654		<u>A62D 1 /-</u>			
2023208162	<u>A61P 29 /-</u>		2019203559	<u>B29C 51 /-</u>	2023266904
		2023236448			
<u>A61M 25 /-</u>	2019392524			2022412569	

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<u>B60T 7 /-</u>	<u>B63C 9 /-</u>	<u>B65D 90 /-</u>	<u>B66F 9 /-</u>	<u>C07C 17 /-</u>	2019355971 2020216780 2020283177 2020379171 2021242976 2022203309 2023203048
2023266904	2019279484	2019204264 2020296475	2019301577 2020313562	2023202867	
<u>B60V 1 /-</u>	<u>B63G 7 /-</u>	<u>B65F 3 /-</u>	<u>B67D 1 /-</u>	<u>C07D 209 /-</u>	
2020214711	2019297367	2023203131	2020219224 2021412682 2023204351	2019321434 2022276958	
<u>B60W 10 /-</u>	<u>B63G 8 /-</u>	<u>B65G 1 /-</u>	<u>B82B 3 /-</u>	<u>C07D 237 /-</u>	<u>C07K 16 /-</u>
2018426291	2019297367	2021402550	2019337699	2019292327	2017445171 2018270961 2018271930 2018297318 2018383751 2018412532 2019219589 2019240906 2019346457 2020224154 2020379171 2021242306 2021242976 2021282381 2021284765 2021323178 2022200452 2022200658 2022200871 2022201958 2022204792 2023200891
<u>B60W 30 /-</u>	<u>B64C 1 /-</u>	<u>B65G 11 /-</u>	<u>B82Y 5 /-</u>	<u>C07D 239 /-</u>	
2018426291 2019301524	2020313562	2020296475	2019337699	2019390907	
<u>B61D 3 /-</u>	<u>B64C 27 /-</u>	<u>B65G 17 /-</u>	<u>C01B 33 /-</u>	<u>C07D 309 /-</u>	
2020313562	2020251052	2019204824	2024203759	2019312144	
<u>B61F 5 /-</u>	<u>B64C 39 /-</u>	<u>B65G 23 /-</u>	<u>C01D 15 /-</u>	<u>C07D 401 /-</u>	
2019334766	2020214711 2020265530 2020313562	2019204824	2023241281	2019390907 2019392524	
<u>B62B 1 /-</u>	<u>B64C 9 /-</u>	<u>B65G 27 /-</u>	<u>C01F 11 /-</u>	<u>C07D 403 /-</u>	
2023358133	2020214711	2019203559	2024203759	2019390907	
<u>B62B 3 /-</u>	<u>B64D 17 /-</u>	<u>B65G 39 /-</u>	<u>C02F 1 /-</u>	<u>C07D 405 /-</u>	
2020313562	2020265530	2019246915	2019204264 2020245182 2021412682 2022319801 2022428473	2019390907	
<u>B62B 5 /-</u>	<u>B64D 25 /-</u>	<u>B65G 47 /-</u>	<u>C02F 101 /-</u>	<u>C07D 409 /-</u>	<u>C07K 19 /-</u>
2023358133	2020265530	2019246915 2021402550	2022319801 2022428473	2019392524	2022204792
<u>B62B 9 /-</u>	<u>B64F 1 /-</u>	<u>B65G 51 /-</u>	<u>C02F 103 /-</u>	<u>C07D 413 /-</u>	<u>C07K 7 /-</u>
2021357162	2020313562	2019389621	2019204264 2022319801 2022428473	2019390907 2019392524	2019272844
<u>B62D 13 /-</u>	<u>B64F 5 /-</u>	<u>B65G 59 /-</u>	<u>C02F 11 /-</u>	<u>C07D 417 /-</u>	<u>C08B 37 /-</u>
2018426291	2020313562	2022312752 2024220027	2019301577	2019390907 2019392524	2019248516
<u>B62D 25 /-</u>	<u>B65B 31 /-</u>	<u>B66B 1 /-</u>	<u>C02F 3 /-</u>	<u>C07D 471 /-</u>	<u>C08G 63 /-</u>
2024264628	2020253960	2021405615	2022319801		2019342731
<u>B62D 55 /-</u>	<u>B65B 5 /-</u>	<u>B66B 13 /-</u>	<u>C02F 11 /-</u>	2019390907 2020266956 2022229380	<u>C08J 9 /-</u>
2019234279 2019301577 2021369498 2021370870	2020343924	2021405615	2022319801		2023202867
<u>B62D 6 /-</u>	<u>B65B 9 /-</u>	<u>B66B 5 /-</u>	<u>C04B 24 /-</u>	<u>C07D 487 /-</u>	<u>C09D 133 /-</u>
2020253960	2020253960	2021405615 2021433702	2023425458	2019390907 2020266956	2019427275
2018426291	<u>B65D 23 /-</u>	<u>B66C 1 /-</u>	<u>C05B 15 /-</u>	<u>C07D 491 /-</u>	<u>C09D 189 /-</u>
<u>B62K 3 /-</u>	2023219932	2022259746	2022238316	2019392524	2023202116
2025201339	<u>B65D 51 /-</u>	<u>B66C 23 /-</u>	<u>C05G 3 /-</u>	<u>C07H 1 /-</u>	<u>C09K 11 /-</u>
<u>B63B 32 /-</u>	2023219932	2019288915	2020380081 2022238316	2021260579	2020230026
2019203398	<u>B65D 85 /-</u>	<u>B66F 13 /-</u>	<u>C05G 5 /-</u>	<u>C07H 21 /-</u>	<u>C09K 3 /-</u>
<u>B63B 34 /-</u>	2020313562 2022301691	2019316498	2020380081	2018297318 2023258376	2023202867
2023358133	<u>B65D 88 /-</u>	<u>B66F 7 /-</u>		<u>C07K 14 /-</u>	<u>C09K 5 /-</u>
<u>B63B 35 /-</u>	2019200560 2019204264	2019316498 2020313562		2019272844 2019346457	2020232257 2020232679 2022213724

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2023202867	2024201332	<u>C22B 15 /-</u>	<u>D06F 37 /-</u>	2018204484 2018275015	<u>E06B 3 /-</u>
<u>C09K 8 /-</u>	<u>C12N 5 /-</u>	2023286025	2022302593		2024264628
2023425458	2018270961	<u>C22B 23 /-</u>	<u>D06F 39 /-</u>	<u>E03F 5 /-</u>	<u>E06B 7 /-</u>
<u>C10G 2 /-</u>	2018297318			2018275015	
	2018373588	2023286025	2022305405	<u>E04B 1 /-</u>	2024264628
2022264724	2019248516	<u>C22B 26 /-</u>	<u>D06F 58 /-</u>		<u>E06B 9 /-</u>
<u>C10G 25 /-</u>	2019301894			2019420431	
	2020283177	2022428473	2023263555	2024202548	2021430668
2022224037	2020288807				2023203975
<u>C10G 29 /-</u>	2021281021	<u>C22B 3 /-</u>	<u>D06M 15 /-</u>	<u>E04B 7 /-</u>	2024227218
	2021355738			2019420431	<u>E06C 1 /-</u>
2022224037	2022201744	2023286025	2023202116		
<u>C10G 65 /-</u>	2022204792	<u>C22B 7 /-</u>	<u>D06M 23 /-</u>	<u>E04C 2 /-</u>	2023202287
	2024201332			2023202638	<u>E06C 7 /-</u>
2019364684	<u>C12N 9 /-</u>	2022428473	2023202116		
<u>C10J 3 /-</u>	2019380651	<u>C22C 14 /-</u>	<u>E01B 27 /-</u>	<u>E04F 10 /-</u>	2023202287
	2021237368				
2022264724	2021443607	2024201537	2020301706	2024227218	<u>E21B 10 /-</u>
<u>C10K 3 /-</u>	2022345964	<u>C22C 38 /-</u>	<u>E01F 13 /-</u>	<u>E04F 15 /-</u>	2020221586
	2022399640				
2022264724	2023200746	2022382226	2023263541	2019427461	<u>E21B 12 /-</u>
<u>C12G 1 /-</u>	<u>C12P 13 /-</u>	<u>C22F 1 /-</u>	<u>E01F 15 /-</u>	<u>E04G 21 /-</u>	2023360037
	2021443607				
2020245182	<u>C12P 19 /-</u>	2024201537	2019206002	2022259746	<u>E21B 17 /-</u>
<u>C12G 3 /-</u>	2022399640	<u>C25B 1 /-</u>	<u>E02B 17 /-</u>	<u>E04H 12 /-</u>	2020337179
					2022266352
2020245182	<u>C12P 21 /-</u>	2022264724	2019288915	2019250646	<u>E21B 19 /-</u>
<u>C12H 1 /-</u>	2022312861	2023241281	<u>E02D 17 /-</u>	<u>E04H 15 /-</u>	
	2018270961	<u>C25B 15 /-</u>	2023201025	2024227218	2020271815
2020245182	2023258376				<u>E21B 21 /-</u>
<u>C12M 1 /-</u>	<u>C12P 7 /-</u>	2022264724	<u>E02D 27 /-</u>	<u>E04H 5 /-</u>	
	2021237368	2022312861			2021270619
2020267006	<u>C12Q 1 /-</u>	<u>C25B 9 /-</u>	2019250646	2024202548	<u>E21B 23 /-</u>
<u>C12N 1 /-</u>		2022312861	<u>E02F 3 /-</u>	<u>E05B 15 /-</u>	
	2018337028	2023312378	2019251080	2019201464	2020337179
2018270961	2019205388		2019274484		2021211653
2019205388	2019205632	<u>C25C 3 /-</u>	2019301577	<u>E05B 63 /-</u>	2022286961
2020283177	2019265619				<u>E21B 29 /-</u>
2022204792	2019321778	2023312378	<u>E02F 5 /-</u>	2020306015	
2023202770	2022275451	<u>C30B 15 /-</u>	2019301577	<u>E05C 3 /-</u>	2022286961
<u>C12N 15 /-</u>	2023200746				<u>E21B 3 /-</u>
	2023237051	2022205729	<u>E02F 9 /-</u>	2024264628	
	2023258376				2020201623
2018254437	<u>C21B 13 /-</u>	<u>C30B 29 /-</u>	2019251080	<u>E05F 11 /-</u>	<u>E21B 33 /-</u>
2018270961			2019274484		
2018271930	2022298625	2022205729	2020299155	2024264628	
2018297318		<u>C40B 20 /-</u>	2021370385	<u>E05F 15 /-</u>	2018443518
2018335571	<u>C21D 8 /-</u>		2021370876		2021211653
2018338787		2023237051	<u>E03B 3 /-</u>	2020306015	2022334540
2018345683	2022382226				2023425458
2019205388	<u>C21D 9 /-</u>	<u>C40B 40 /-</u>	2019204264	<u>E05G 1 /-</u>	<u>E21B 34 /-</u>
2019219589					
2019270152	2022382226	2023237051	<u>E03B 5 /-</u>	2020343924	2020409002
2020283177				<u>E05G 7 /-</u>	2022286961
2021237368	<u>C22B 1 /-</u>	<u>D03D 1 /-</u>	2018204484		<u>E21B 37 /-</u>
2021323178					
2021443607	2023286025	2019263763	<u>E03B 7 /-</u>	2020343924	
2022204792		<u>D06F 34 /-</u>	2018204484	<u>E06B 1 /-</u>	2020409002
2022206776	<u>C22B 11 /-</u>				<u>E21B 41 /-</u>
2022345964		2022302593	<u>E03C 1 /-</u>	2024264628	
2023237051	2023286025				2018443518
2023258376					

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2022334540 2023360037	<u>F03D 80 /-</u>	<u>F16K 37 /-</u>	<u>F21Y 105 /-</u>	<u>F27B 1 /-</u>	<u>G01N 30 /-</u>
<u>E21B 43 /-</u>	2022233479	2019395041	2023237215	2022298625	2018337028 2020208360
2018443518 2020310860 2022334540	<u>F03H 1 /-</u>	<u>F16K 7 /-</u>	<u>F21Y 115 /-</u>	<u>F27B 3 /-</u>	<u>G01N 33 /-</u>
<u>E21B 44 /-</u>	2021360214	2023203654	2018445787 2023237215	2022289487	2018317438 2018337028 2018372077 2019265619 2021242306 2021242976 2021356770 2022201958 2023227822
2020201623 2021270619 2023360037	<u>F04B 17 /-</u>	<u>F16L 15 /-</u>	<u>F24C 7 /-</u>	<u>F28D 20 /-</u>	
<u>E21B 47 /-</u>	2020200553	2022266352	2022370260	2019373010	
2020229014 2020310860 2020329111 2020409002 2023425458	<u>F04B 43 /-</u>	<u>F16L 17 /-</u>	<u>F24D 17 /-</u>	<u>F28F 13 /-</u>	
<u>E21B 49 /-</u>	2019457744 2020200553 2021412682	2021373574	2018204484	2019414511	
2020329111	<u>F04B 45 /-</u>	2021373574	<u>F24D 19 /-</u>	<u>F41B 11 /-</u>	<u>G01P 3 /-</u>
<u>E21B 7 /-</u>	2020200553	<u>F16L 21 /-</u>	2018204484	2019200560	2024266704
2022286961 2023360037	<u>F04C 5 /-</u>	2021373574	<u>F24D 3 /-</u>	<u>F42D 5 /-</u>	<u>G01P 5 /-</u>
<u>E21C 25 /-</u>	2021412682	<u>F16L 23 /-</u>	2018204484	2019297367	2024266704
2023200238 2023200670	<u>F04D 29 /-</u>	2021373574	<u>F24F 1 /-</u>	<u>G01C 21 /-</u>	<u>G01R 31 /-</u>
<u>E21C 27 /-</u>	2022433486	<u>F16L 37 /-</u>	2021247556 2022274345	2020268163	2018442725 2019370111
2023200670	<u>F04F 5 /-</u>	2018444718	<u>F24F 11 /-</u>	<u>G01D 21 /-</u>	<u>G01S 1 /-</u>
<u>E21C 35 /-</u>	2019457744	<u>F16L 53 /-</u>	2022397584	2023204723	2023241364 2024201350
2019274484	<u>F16B 1 /-</u>	2018204484	<u>F24F 110 /-</u>	<u>G01F 1 /-</u>	<u>G01S 13 /-</u>
<u>E21D 15 /-</u>	2020296475	<u>F16L 55 /-</u>	2022397584	<u>G01F 11 /-</u>	2019452391 2020203683 2024201350
<u>E21D 21 /-</u>	<u>F16B 7 /-</u>	2019389621	<u>F24F 13 /-</u>	2023227822	<u>G01S 7 /-</u>
2024278469	2021373574	<u>F16M 11 /-</u>	2021247556	<u>G01F 15 /-</u>	2019452391
<u>F01D 11 /-</u>	<u>F16C 11 /-</u>	2019316498 2022339607	<u>F24F 5 /-</u>	2023227822	<u>G01V 1 /-</u>
2020446482	2020202990	<u>F17C 5 /-</u>	2019414511	<u>G01M 3 /-</u>	2020204251 2020244654
<u>F02C 7 /-</u>	<u>F16F 9 /-</u>	2022224960	<u>F25B 1 /-</u>	<u>G01N 1 /-</u>	<u>G01V 3 /-</u>
2020446482	2022339607	<u>F21K 99 /-</u>	2022213724	2018337028 2023227822	2019452391
<u>F02D 41 /-</u>	<u>F16J 15 /-</u>	2018445787	<u>F25B 21 /-</u>	<u>G01N 15 /-</u>	<u>G01V 5 /-</u>
2020352831	2020446482	<u>F21S 2 /-</u>	2020261452	2019325113 2021356770	2023204307
<u>F03B 13 /-</u>	<u>F16K 1 /-</u>	2018445787	<u>F25B 41 /-</u>	<u>G01N 21 /-</u>	<u>G02B 21 /-</u>
2019271212	2019395041	<u>F21S 8 /-</u>	2021247556	2018337028 2020232965 2021356770 2022310329	2020232965
<u>F03D 13 /-</u>	<u>F16K 11 /-</u>	2023237215	<u>F25D 1 /-</u>	<u>G01N 27 /-</u>	<u>G02B 6 /-</u>
2019288915 2022425741	2019389621	<u>F21V 19 /-</u>	2023338593	2018317438 2020347761	2020250228
2019288915 2022425741	<u>F16K 15 /-</u>	2018445787	<u>F25D 17 /-</u>	<u>G01N 3 /-</u>	<u>G03G 15 /-</u>
	2020200553 2023203654	<u>F21V 23 /-</u>	2021473668	2021370385	2023214329
	<u>F16K 3 /-</u>	2018445787	<u>F25D 23 /-</u>		2023214329
	2019200560	<u>F21V 29 /-</u>	2019284128 2021473668		
	<u>F16K 31 /-</u>	2023237215	<u>F25D 31 /-</u>		
	2019200560 2019395041	<u>F21V 5 /-</u>	2019284128 2020261452		
		2023237215			

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<u>G05B 13 /-</u>		<u>G09C 5 /-</u>	<u>H02K 7 /-</u>	2024201127
2024200740	<u>G06Q 50 /-</u>	2020278941	2019271212	<u>H04N 21 /-</u>
<u>G05B 23 /-</u>	2021433702	<u>G09F 9 /-</u>	<u>H02N 2 /-</u>	2020277020
2020344110	2023233049	2019441337	2020352831	2022344154
<u>G05D 1 /-</u>	2024200740	<u>G09G 3 /-</u>	<u>H02P 21 /-</u>	<u>H04N 25 /-</u>
2018426291	<u>G06T 13 /-</u>	2019441337	2021428033	2023282215
2021370467	2021455408	<u>G10H 1 /-</u>	<u>H02P 27 /-</u>	<u>H04R 1 /-</u>
<u>G06F 13 /-</u>	2024200856	2024200856	2021428033	2019441337
2021221304	<u>G06T 15 /-</u>	<u>G10L 21 /-</u>	<u>H02P 9 /-</u>	<u>H04R 5 /-</u>
<u>G06F 15 /-</u>	<u>G06T 19 /-</u>	2024200856	2019271212	2019441337
2024201295	2020277020	<u>G11B 27 /-</u>	<u>H02S 30 /-</u>	<u>H04W 12 /-</u>
2024227587	2020386866	2024200856	2024227218	2019372747
<u>G06F 21 /-</u>	<u>G06T 5 /-</u>	<u>G16H 10 /-</u>	<u>H02S 40 /-</u>	2020203683
2021447019	2022215321	2023210527	2020201943	2021370467
<u>G06F 3 /-</u>	<u>G06T 7 /-</u>	<u>G16H 20 /-</u>	<u>H04B 1 /-</u>	2024201350
2024203585	2019410266	2023210527	2023203222	<u>H04W 4 /-</u>
<u>G06F 40 /-</u>	2021455408	<u>G16H 40 /-</u>	<u>H04B 10 /-</u>	2019357721
2024201697	2022215321	2018442000	2018442725	2021370467
<u>G06F 9 /-</u>	2022304436	<u>H01M 10 /-</u>	<u>H04L 12 /-</u>	2023231265
2022286374	2023233049	2019370111	2023208211	2024201350
2023283368	2023282215	<u>H01M 8 /-</u>	<u>H04L 47 /-</u>	2025200555
2024201295	<u>G06V 20 /-</u>	2021411601	2024201295	<u>H04W 52 /-</u>
<u>G06K 7 /-</u>	<u>G06V 40 /-</u>	<u>H01R 24 /-</u>	<u>H04L 49 /-</u>	2022360194
2019397494	2022304436	2024205582	2023234045	<u>H04W 72 /-</u>
<u>G06N 10 /-</u>	<u>G07C 9 /-</u>	<u>H01R 25 /-</u>	<u>H04L 67 /-</u>	2021438351
2019377959	2024201350	2024205582	2024201295	2023274144
2019420732	<u>G07D 11 /-</u>	<u>H01R 27 /-</u>	<u>H04L 9 /-</u>	<u>H04W 76 /-</u>
<u>G06N 20 /-</u>	2020343924	2024205582	2022378424	2019372747
2021433702	<u>G07F 19 /-</u>	<u>H01R 4 /-</u>	2023283368	2022230622
2022215321	2020343924	<u>H01R 9 /-</u>	2021221304	<u>H05B 33 /-</u>
<u>G06N 3 /-</u>	<u>G08B 1 /-</u>	2024205582	<u>H04N 13 /-</u>	2020230026
2020268520	2020309848	<u>H02J 3 /-</u>	2020277020	<u>H05B 6 /-</u>
2022215321	<u>G08B 13 /-</u>	2022244301	<u>H04N 17 /-</u>	2022370260
2023233049	2020309848	2023211850	2022304436	<u>H05K 5 /-</u>
<u>G06N 5 /-</u>	<u>G08B 21 /-</u>	2023348038	<u>H04N 19 /-</u>	2020201943
2020268520	2019301524	2024200740	2019416633	2023219932
<u>G06Q 10 /-</u>	<u>G08G 1 /-</u>	<u>H02J 7 /-</u>	2020226553	<u>H05K 7 /-</u>
2021433702	2023272512	2020352831	2022344154	2023338593
<u>G06Q 20 /-</u>			2023274242	<u>H10F 19 /-</u>
2023202749				2023208083
<u>G06Q 30 /-</u>				<u>H10F 77 /-</u>
2020268520				2024204778
2023202749				

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2018205198	Breathe Fresh Australia Pty Ltd (Marinucci Australia Pty Ltd)
2019201871	Robert Bosch GmbH (Jones Tulloch)
2019210700	Wall Technologies Pty Ltd (SPEEDPANEL SYSTEMS PTY LTD)
2020294185	57 Trading Pty Ltd (Mitchell, P.)

Patents Granted**Standard Patents**

2017367734	2017377868	2018256887	2018282449
2018297987	2018300982	2018328764	2018330584
2018346724	2018346971	2018357091	2018358051
2018361819	2018377856	2018378419	2018384790
2018388467	2018389854	2018392996	2018437072
2018453343	2018455227	2019201225	2019206492
2019206648	2019207600	2019208154	2019215219
2019217006	2019230022	2019231192	2019247835
2019250645	2019255212	2019257179	2019257739
2019260547	2019262183	2019267011	2019268054
2019277382	2019282408	2019282421	2019283872
2019288453	2019289917	2019297326	2019297411
2019298237	2019300527	2019304485	2019311233
2019321182	2019322200	2019322390	2019338236
2019346147	2019350718	2019351722	2019358651
2019358885	2019359378	2019359479	2019373349
2019373673	2019380654	2019389294	2019389878
2019391434	2019398886	2019398887	2019400665
2019407085	2019409410	2019410333	2019411162
2019423646	2019427475	2019428406	2019472199
2020202432	2020203260	2020208399	2020211286
2020212262	2020213820	2020219929	2020222041
2020225325	2020230859	2020231237	2020232130
2020235615	2020241262	2020243532	2020251740
2020257077	2020271905	2020279731	2020283965
2020303837	2020320834	2020328418	2020359928
2020372879	2020376839	2020389322	2020405427
2020408394	2020451827	2021212667	2021213754
2021252813	2021258870	2021299267	2021318953
2021330472	2021336354	2021340699	2021354892
2021356123	2021366173	2021378949	2021388862
2021391396	2021393980	2021402831	2021406104
2021410052	2021420802	2021443587	2021449518
2021455177	2021455608	2022201248	2022204215
2022209558	2022213452	2022215700	2022217353
2022220805	2022231726	2022231728	2022232114
2022233243	2022235067	2022248475	2022256080
2022257607	2022259820	2022262656	2022275430
2022277374	2022277915	2022287205	2022287641
2022288898	2022291542	2022291555	2022293027
2022293393	2022299868	2022305165	2022320058
2022325394	2022335931	2022336842	2022349635
2022379644	2022387279	2022406621	2022416375
2022448328	2022458292	2022466095	2023200653
2023200691	2023201022	2023202028	2023202490
2023202624	2023202757	2023203067	2023204225
2023204298	2023204654	2023206225	2023216766
2023220217	2023222943	2023226778	2023229508
2023233212	2023235902	2023237017	2023237159
2023241274	2023258429	2023259236	2023266345
2023278033	2023282320	2024201381	2024201591
2024203672	2024264642		

Patents Granted**Standard Patents****Assignments Registered**

2010251009	SAINT-GOBAIN GLASS FRANCE	The patent has been assigned to Saint-Gobain Sekurit France
2011278494	SAINT-GOBAIN GLASS FRANCE	The patent has been assigned to Saint-Gobain Sekurit France
2012252670	Saint-Gobain Glass France	The patent has been assigned to Saint-Gobain Sekurit France
2012252671	Saint-Gobain Glass France	The patent has been assigned to Saint-Gobain Sekurit France
2013270846	Saint-Gobain Glass France	The patent has been assigned to Saint-Gobain Sekurit France
2013314646	Saint-Gobain Glass France	The patent has been assigned to Saint-Gobain Sekurit France
2013314647	Saint-Gobain Glass France	The patent has been assigned to Saint-Gobain Sekurit France
2013350058	Saint-Gobain Glass France	The patent has been assigned to Saint-Gobain Sekurit France
2013350059	Saint-Gobain Glass France	The patent has been assigned to Saint-Gobain Sekurit France
2014344091	Saint-Gobain Glass France	The patent has been assigned to Saint-Gobain Sekurit France
2017221822	BE Intellectual Property, Inc.	The patent has been assigned to B/E Aerospace, Inc.
2018217202	SAINT-GOBAIN GLASS FRANCE	The patent has been assigned to Saint-Gobain Sekurit France
2018306367	Saint-Gobain Glass France	The patent has been assigned to Saint-Gobain Sekurit France
2020201068	BE Intellectual Property, Inc.	The patent has been assigned to B/E Aerospace, Inc.
2022221531	BE Intellectual Property, Inc.	The patent has been assigned to B/E Aerospace, Inc.

Corrigenda

In Vol 59 , No 16 , Page(s) 2225 under the heading **Complete Applications Filed - Name Index** Under the name STRYKER EUROPEAN OPERATIONS LIMITED; Davies Collison Cave Pty Ltd, Application No. 2025202456, under INID (71) remove co-applicant Davies Collison Cave Pty Ltd

In Vol 59 , No 16 , Page(s) 2360 under the heading **Applications Accepted - Name Index** Delete all reference to 2022334694.

In Vol 59 , No 17 , Page(s) 2400 under the heading **Amendments - Application for Amendments** Under the name RAI Strategic Holdings, Inc., Patent Application No. 2019270613 correct the date of the statements filed to read 06 Mar 2025 and 07 Apr 2025

In Vol 59 , No 17 , Page(s) 2416 under the heading **Applications OPI - Name Index** Under the name STRYKER EUROPEAN OPERATIONS LIMITED; Davies Collison Cave Pty Ltd, Application No. 2025202456, under INID (71) remove co-applicant Davies Collison Cave Pty Ltd

Specifications Republished

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

2020213337	Deere & Company
2022200527	Juno Therapeutics GmbH
2022277623	ABLIVA AB; YUNGJIN PHARM CO., LTD
2023201990	Merz Pharmaceuticals, LLC