



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*

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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 1 Jul 2025 .

(71) 51folds.ai Limited (21) 2025902801 (22) 04.07.2025 (54) ARTIFICIAL INTELLIGENCE QUERY SYSTEM WITH ARBITRATION	Barbulescu, D. see Barbulescu, D. (21) 2025902584	(71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD. (21) 2025902763 (22) 02.07.2025 (54) A HYDRAULIC DRIVEN DRIVE SHAFT ARRANGEMENT
(71) Abingdon, A. (21) 2025902759 (22) 02.07.2025 (54) Removable Window Insulation Panel with Compression-Fit Foam Edging	Barbulescu, V. see Barbulescu, D. (21) 2025902584	(71) Bourne, T. (21) 2025902760 (22) 02.07.2025 (54) A One Piece Thermoplastic Skateboard Graphics and Slide Guard
(71) Acha coffee (21) 2025902825 (22) 04.07.2025 (54) Self-Heating Disposable Coffee Cup with Foldable Design or normal	Barbulescu, C. see Barbulescu, D. (21) 2025902584	BRENNAN, L. see McMATH, J. (21) 2025902850
(71) Alcoa of Australia Limited (21) 2025902814 (22) 04.07.2025 (54) Apparatus and system for heating a Bayer process fluid	(71) Barbulescu, D.; Barbulescu, T.; Barbulescu, D.; Barbulescu, V.; Barbulescu, C.; Barbulescu, N. (21) 2025902584 (22) 23.06.2025 (54) Autonomous Modular Maritime Directed Energy Defence System	(71) Brown, R. (21) 2025902839 (22) 05.07.2025 (54) Optical Filter Modulation System Using Stacked TN LCD Panels in Eyewear
(71) Alder, R.; Papamichalakakis, F.; Tomlinson, D. (21) 2025902822 (22) 04.07.2025 (54) METHOD AND MEDIUM FOR TREATING LIQUID VICTUALS	(71) Baynham, N. (21) 2025902805 (22) 04.07.2025 (54) Anti-Contour Lower-Body Garment Crotch Stitching and Configuration	(71) BROWN, D. (21) 2025902750 (22) 02.07.2025 (54) Modular Two-Piece Industrial Coverall with Full Waist Zipper Separation System
(71) Antas, G. (21) 2025902868 (22) 08.07.2025 (54) INTEGRATED PLATFORM FOR FAIR GOLF COMPETITION ACROSS HYBRID ENVIRONMENTS WITH SECURE SCORE VALIDATION AND FINANCIAL SETTLEMENT	(71) Baynham, N. (21) 2025902806 (22) 04.07.2025 (54) Anti-Contour Gusset Insert for Lower-Body Garments	(71) Bulmash, J. (21) 2025902840 (22) 06.07.2025 (54) Quantum Leap Simulator Engine Mathematical Scaffold – A Minimal Parameter Framework for Quantum Simulation Systems
(71) Auspod Pty Ltd (21) 2025902795 (22) 03.07.2025 (54) Head Support	(71) Beaton, A. (21) 2025902807 (22) 04.07.2025 (54) A PLATFORM FOR A ROOF	(71) Burgess, M. (21) 2025902863 (22) 07.07.2025 (54) A device for the convenient, user-friendly application of lubricant fluid to hinges in order to eliminate squeaking.
Barbulescu, T. see Barbulescu, D. (21) 2025902584	(71) BioPhamTech Group Pty Ltd (21) 2025902873 (22) 08.07.2025 (54) Microneedle Biosensor Array with Hydrogel-Mediated Insertion and Integrated Multi-Analyte Detection	(71) Ceviker, A. (21) 2025902749 (22) 01.07.2025 (54) Suitcase Cover Protection

Provisional Applications Filed - Name Index cont'd

(71) ClipCap Pty Ltd (21) 2025902761 (22) 02.07.2025 (54) This invention relates to beverage container accessories and more particularly to a sleeve/container/housing designed to receive a beverage can, featuring an integrated, reclosable lid that prevents contamination, insect ingress, and accidental spillage. The device also enhances beverage safety through tamper prevention during periods of non-use, including potential drink spiking.	(71) Cullen, T. (21) 2025902824 (22) 04.07.2025 (54) Recursive AI Framework for Synthetic Personhood Through Moral and Ontological Self-Reflection	(71) Fisher, C. (21) 2025902771 (22) 02.07.2025 (54) Continuous Aluminum Tape Anode for Electrochemical Energy Systems with Controlled Corrosion and Ion Transfer
(71) Commonwealth Scientific and Industrial Research Organisation; Hendrix Genetics Research, Technology & Service B.V. (21) 2025902858 (22) 07.07.2025 (54) Constructs, transgenic avian eggs and transgenic avians	(71) DELIVER-EZE PTY. LTD. (21) 2025902783 (22) 03.07.2025 (54) LASER APPLICATION DEVICE	(71) Fisher, C. (21) 2025902772 (22) 02.07.2025 (54) Closed-Loop Collection and Reprocessing of Aluminum Oxide Byproduct from Electrochemical Energy Systems
(71) Commonwealth Scientific and Industrial Research Organisation; Hendrix Genetics Research, Technology & Service B.V. (21) 2025902860 (22) 07.07.2025 (54) Transgenic avian eggs and transgenic avians	(71) Dragatron Pty Ltd (21) 2025902785 (22) 03.07.2025 (54) AI-Based System and Method for Personalised Vaccine Recommendation and Clinical Workflow Automation in Community Pharmacy and Aged Care Settings	(71) Fisher, C. (21) 2025902773 (22) 02.07.2025 (54) Electrochemical-Augmented Rocket Propulsion System Using Cryogenic LOX and Aluminum-Based Energy Source
(71) Conran Innovations (21) 2025902876 (22) 08.07.2025 (54) Mobile Vision System for Selective Harvesting	(71) Eastmount Lane Pty Ltd; Yang, W. (21) 2025902867 (22) 07.07.2025 (54) Wide-spectrum noble-metal/graphene-TiO₂ photocatalyst composition and burst-bead release device for VOC removal	(71) Fisher, C. (21) 2025902774 (22) 02.07.2025 (54) Aluminum-Based Electrochemical Cartidge Using Seawater as Electrolyte for Off-Grid and Maritime Applications
(71) Cooper Delivered (21) 2025902796 (22) 03.07.2025 (54) Multi-function reusable shipping and carry bag with compostable label panel, kraft security strip, and natural waterproof coating	(71) Edith Cowan University (21) 2025902789 (22) 03.07.2025 (54) Digital forensics method and system	(71) Fofana, S.A. (21) 2025902797 (22) 03.07.2025 (54) TIME: Track Income and Manage Expense — An Automated Real-Time GST/Tax Calculation and Expense Management System for Rideshare Drivers
(71) Cordony, P. (21) 2025902835 (22) 05.07.2025 (54) Food cooling device, toddler and adult impaired	(71) Equipment Placement Group Pty Ltd (21) 2025902812 (22) 04.07.2025 (54) Mobile auxiliary power supply arrangement for industrial machinery	(71) Garry Beadel (21) 2025902843 (22) 06.07.2025 (54) A multilayer optical screen protector with DLC hydrophobic topcoat, metamaterial anti-reflective layer, chiral LC polarizer, micro-lens array, electrochromic tint with photopic control, sapphire-polymer substrate, plasmonic clear adhesive, and optional TPU edge seal, working cooperatively to reduce sunlight glare, preserve colour, maintain clarity in shade, and resist scratches and water ingress while retaining full touch sensitivity.
(71) CostaExchange Pty Ltd (21) 2025902741 (22) 01.07.2025 (54) Self-driving vehicle for facilitating fruit harvesting	(71) Fastbrick IP Pty Ltd (21) 2025902793 (22) 03.07.2025 (54) ROBOTIC WELDING SYSTEM	(71) Gatward, T. (21) 2025902830 (22) 05.07.2025 (54) Spectral Cryptographic Algorithms and Security Protocols Based on Sparse Angular Kernels from the Riemann Hypothesis
(71) CREATIVE INSTORE SOLUTIONS PTY LTD (21) 2025902813 (22) 04.07.2025 (54) A PRODUCT HOLDER FOR AN INSTORE HANGING DISPLAY	(71) Fisher, C. (21) 2025902769 (22) 02.07.2025 (54) Electrochemical Energy System Using Liquid Oxygen Electrolyte for Electrical and Mechanical Power Generation	(71) Gatward, T. (21) 2025902831 (22) 05.07.2025 (54) Sparse Angular Kernel-Based Error Correction and Cryptographic Hashing Algorithms from the Riemann Hypothesis
(71) CRITERION INDUSTRIES PTY LTD (21) 2025902752 (22) 02.07.2025 (54) A cavity sliding-door system	(71) Fisher, C. (21) 2025902770 (22) 02.07.2025 (54) Cryogenic Electrochemical Cell Using Liquid Oxygen (LOX) as Electrolyte for Modular Energy Systems	

Provisional Applications Filed - Name Index cont'd

(71) Gatward, T.
(21) 2025902832 (22) 05.07.2025
(54) Sparse Angular Kernel PRNG, Stream Cipher, and Key Derivation Function

(71) Gatward, T.
(21) 2025902833 (22) 05.07.2025
(54) Sparse Angular Kernel Cryptographic Extensions

(71) Gatward, T.
(21) 2025902834 (22) 05.07.2025
(54) Sparse Kernel-Based Cryptographic Foundations: Encapsulation, Merkle Structures, and Proof-of-Work from Zeta Zero Interference

(71) GeneSeq Pty Ltd
(21) 2025902758 (22) 02.07.2025
(54) Method of diagnosis and treatment of ovarian cancer

GLASSON, N. see REYNOLDS, R.
(21) 2025902787

(71) Glencore Technology Pty Limited
(21) 2025902794 (22) 03.07.2025
(54) Grinding disc

(71) Gmeiner, M.
(21) 2025902768 (22) 02.07.2025
(54) TRAILER ADAPTED FOR APPLYING HERBICIDE ONTO LAND

(71) GreenLink Eco Pty Ltd
(21) 2025902875 (22) 08.07.2025
(54) A METHOD AND SYSTEM FOR SOURCING SUSTAINABLE BUILDING MATERIALS

(71) Hammersmith Nominees Pty Ltd
(21) 2025902855 (22) 07.07.2025
(54) Riding saddle

(71) HBG IP Holding Pty Ltd
(21) 2025902779 (22) 02.07.2025
(54) Child Safety Seat

(71) HeIX Explosive Technologies Pty Ltd
(21) 2025902674 (22) 27.06.2025
(54) A TRIGGER ASSEMBLY

Hendrix Genetics Research, Technology & Service B.V. see Commonwealth Scientific and Industrial Research Organisation
(21) 2025902858

Hendrix Genetics Research, Technology & Service B.V. see Commonwealth Scientific and Industrial Research Organisation
(21) 2025902860

(71) hepburn, r.
(21) 2025902829 (22) 05.07.2025
(54) This invention relates to aerial load handling systems, specifically a passive, mechanical cargo hook for use on drones or helicopters, enabling autonomous pickup and release without powered actuators.

(71) hopkins, d.
(21) 2025902762 (22) 02.07.2025
(54) System and Method for Generating Native Mobile Applications from Natural Language Using Artificial Intelligence

(71) Intelliglass Systems PTY LTD
(21) 2025902809 (22) 04.07.2025
(54) adjustable Balustrade U-channel with weep hole egress

(71) Investigation Systems Pty Ltd
(21) 2025902854 (22) 07.07.2025
(54) Fixed Area Situational Communication System and Method

(71) IPHK Pty Ltd
(21) 2025902851 (22) 07.07.2025
(54) A HANDRAIL JOINT APPARATUS

(71) Jairo Echavarria Perez, J.
(21) 2025902819 (22) 04.07.2025
(54) A DEVICE AND METHOD OF IM-PLANTATION

(71) Kajeena Mining Company Pty Ltd
(21) 2025902836 (22) 05.07.2025
(54) Integrated Sequential Chemical and Real-Time Controlled Process for the Treatment of Polluted Waters Using Sodium Hydroxide and Oxalic Acid

(71) Kiss, V.
(21) 2025902853 (22) 07.07.2025
(54) System and Method for Context-Verified Moderation of User-Generated Content on Real Estate Listing Webpages

(71) Kyan, E.
(21) 2025902735 (22) 01.07.2025
(54) Helomind - Adaptive AI Platform for End-to-End Application and Website Generation from Sequential Natural Language Input. The present invention relates to artificial intelligence, software engineering automation, and human-computer interaction. More spe-

cifically, it concerns an adaptive platform utilising artificial intelligence to autonomously plan, design, generate, test, and deploy fully functional applications and websites directly from sequential, natural language user input, without requiring technical expertise from the user.

(71) Kyan, E.
(21) 2025902736 (22) 01.07.2025
(54) EasyVisa Application - Multilingual, AI-Guided Immigration Application Platform for a multilingual, AI-guided immigration application platform designed primarily to assist vulnerable, elderly, and non-English-speaking individuals, but not limited to these groups. The invention may be utilised by any users seeking accessible and simplified immigration support, regardless of age, background, or language proficiency.

(71) Kyan, E.
(21) 2025902743 (22) 01.07.2025
(54) Lifeline Guardian AI : Universal AI-Powered Emergency Alert, Evacuation, and Resilience Support Platform for Disasters, Conflict, and Humanitarian Crisis. The present invention resides in the fields of emergency management, AI-driven alert systems, humanitarian technology, and resilient civilian safety infrastructure. It relates in particular to a mobile and web-based application, optionally extended to wearables and IoT, that fuses real-time multi-hazard detection, advanced AI analytics, off-line/voice-first evacuation guidance, secure personal ID management, and integrated well-being support

(71) Kyan, E.
(21) 2025902765 (22) 02.07.2025
(54) SAFEHALO AI: Multi-Layered Real-Time AI Surveillance, Behaviour Detection, and Trust-Based Child Protection System for Institutional and Domestic Environments. Computer vision, artificial intelligence, behavioural analysis, biometric entry/access control, and human-machine interaction for child protection. More specifically, it pertains to integrated, real-time, proactive AI-enabled surveillance and behavioural monitoring systems that prevent and detect inappropriate conduct toward children in institutional (e.g. school, daycare, clinics) and domestic (e.g. foster, in-home care) settings.

(71) Kyan, E.
(21) 2025902775 (22) 02.07.2025
(54) SoulLink™ - An Anonymous, Multilingual, Voice-Activated AI System for Emotional, Spiritual, and Practical Life Support. AI-powered, privacy-first, multi-

Provisional Applications Filed - Name Index cont'd

lingual, voice-only system for providing immediate, culturally sensitive emotional comfort, spiritual guidance, and actionable real-world assistance.

(71) Lanyon, G.
(21) 2025902753 (22) 02.07.2025
(54) The present invention relates to emergency safety systems utilising augmented reality technology for building evacuation guidance. Specifically, the invention concerns an integrated system combining Quick Response (QR) code technology with augmented reality visualisation to deliver room-specific, contextually relevant emergency escape route instructions through mobile computing devices.

(71) larkin, b.
(21) 2025902881 (22) 08.07.2025
(54) Sticky D Glow Sticks

(71) Lauxes IP Pty Ltd
(21) 2025902802 (22) 04.07.2025
(54) A Linear Drain Assembly

(71) Leonardo, C.
(21) 2025902866 (22) 07.07.2025
(54) System and Method for AI-Driven Civil Design, Cost Optimisation, and Automated Technical Due Diligence for Infrastructure Projects

(71) Living Oceans Pty Ltd
(21) 2025902827 (22) 05.07.2025
(54) Modular Artificial Rock System for Constructing Stable and Configurable Aquatic Habitat Structures

(71) LOFT 393
(21) 2025902786 (22) 03.07.2025
(54) Compostable wipe and bag

(71) Logix Engineering Pty Ltd
(21) 2025902792 (22) 03.07.2025
(54) Cable Access Cover Assembly

(71) Loopley
(21) 2025902826 (22) 05.07.2025
(54) Integrated System for Waste Valorisation and Fabrication of Multifunctional Spider Silk–Cellulose–Mycelium Composites with Programmable 3D/4D Printability, Optogenetic Control, and Modular Bio-Additive Formulation: Enabling Sustainable Manufacturing of Filters, Soft Robotics, Wearables, and Smart Biodegradable Products in a Compact, Shipping-Container-Based Bioproduction Platform

(71) LRCK Investment Solutions
(21) 2025902864 (22) 07.07.2025
(54) Neuromuscular Textile Functionalization via FIR-Active Laundry Detergent Composition ## Clear, descriptive, and includes the unique mechanism and function. ## Strong for provisional protection and aligns with your specification.

(71) Macdonald, J.
(21) 2025902874 (22) 08.07.2025
(54) Airborne Wind Energy System

(71) Macnaught Pty Ltd
(21) 2025902790 (22) 03.07.2025
(54) Grease Coupler

(71) Macquarie University
(21) 2025902791 (22) 03.07.2025
(54) Methods for treatment

(71) Maheshwari, P.
(21) 2025902869 (22) 08.07.2025
(54) Auspay: AI-Enhanced Payment System Featuring Offline Tokenised Transactions, Dynamic QR Routing, and Biometric Multi-Factor Authentication

(71) Mailey, K.
(21) 2025902838 (22) 05.07.2025
(54) Speaker with Integrated LED Power Indicator for EWIS Systems

(71) Maltman, W.
(21) 2025902818 (22) 04.07.2025
(54) VACUUM CHAMBER ADDITIVE MANUFACTURING FDM PROCESS FOR LARGE-FORMAT HDPE COMPONENTS

(71) McGrath, D.
(21) 2025902751 (22) 02.07.2025
(54) Spray Applied Thermal Membrane "Shoulder" System for Row Crop Establishment

(71) McGuire, M.
(21) 2025902815 (22) 04.07.2025
(54) Fire-fighting

McMATH, S. see McMATH, J.
(21) 2025902850

(71) McMATH, J.; McMATH, S.; BRENNAN, L.; SHERIDAN, S.
(21) 2025902850 (22) 07.07.2025
(54) Utility kerbstone

(71) moncada, a.
(21) 2025902871 (22) 08.07.2025
(54) Inside-Burning Fuel

(71) Morrison, M.
(21) 2025902746 (22) 01.07.2025
(54) INTEGRATED PFAS BIOCHAR PRODUCTION PROCESS USING CAVITATION-SONIC PRETREATMENT AND MULTI-WASTE STREAM CO-PYROLYSIS

(71) MULTIVENTURE INDUSTRIES PTY LTD
(21) 2025902884 (22) 08.07.2025
(54) GlucoLink Nexus: Intelligent Closed-Loop Glucose Monitoring and Insulin Delivery System

(71) Nancarrow, T.
(21) 2025902842 (22) 06.07.2025
(54) System and Method for Domestic Hydrogen Production and Vehicle Refueling

(71) Neonator Pty Ltd
(21) 2025902828 (22) 05.07.2025
(54) Feeding-Aid Pacifier

(71) Neurizon Therapeutics Limited
(21) 2025902846 (22) 07.07.2025
(54) Methods of producing (S)-monepantel and intermediates thereof

(71) Newman, K.
(21) 2025902810 (22) 04.07.2025
(54) BICYCLE INDICATOR LIGHTS

(71) NewNews PTY LTD
(21) 2025902862 (22) 07.07.2025
(54) Pay-Per-View News Access Platform for Subscription-Based Content

(71) NewSouth Innovations Pty Limited
(21) 2025902740 (22) 01.07.2025
(54) Fibre reinforced polymer composite material and structural element

(71) NewSouth Innovations Pty Limited; University of Technology Sydney
(21) 2025902882 (22) 08.07.2025
(54) Wind-induced vibration energy harvester for underground mine ventilation

(71) Number 8 Bio Holdings Pty Ltd
(21) 2025902820 (22) 04.07.2025
(54) HYDROGEN MITIGATION IN METHANE INHIBITED RUMINANTS

Provisional Applications Filed - Name Index cont'd

(71) Oates, J.
(21) 2025902742 (22) 01.07.2025
(54) A Protection Device

(71) OOHA Pty Ltd
(21) 2025902800 (22) 04.07.2025
(54) Method and system for contextual display of visual content

Papamichalakis, F. see Alder, R.
(21) 2025902822

(71) Patterson, G.
(21) 2025902856 (22) 07.07.2025
(54) SPIIKZ: A System and Method for Post-Purchase Value Augmentation and Multiplication in Financial Transactions

(71) Pickering, A.
(21) 2025902844 (22) 06.07.2025
(54) Multi-Sensory Assistive Navigation System for Visually Impaired Users Using Consumer Smart Glasses and Adaptive AI Sensor Fusion

RESMED ASIA PTE LTD see RESMED PTY LTD
(21) 2025902784

(71) RESMED PTY LTD; RESMED ASIA PTE LTD
(21) 2025902784 (22) 03.07.2025
(54) FOREHEAD COOLING SYSTEMS

(71) REYNOLDS, R.; GLASSON, N.
(21) 2025902787 (22) 03.07.2025
(54) HYBRID ADSORPTION AND CRYOGENIC SEPARATION SYSTEM AND METHOD

(71) Robinson, A.
(21) 2025902780 (22) 02.07.2025
(54) Virtual Reality System for Spatial Memory Encoding and Recall

(71) Rostas, J.
(21) 2025902808 (22) 04.07.2025
(54) Mechanical Signal Modulation and Sensing Platform for Commercial, Industrial, Medical, Scientific, and Emerging Systems

(71) Saltis Limited
(21) 2025902847 (22) 07.07.2025
(54) Valve Actuator

(71) Saluda Medical Pty Limited
(21) 2025902817 (22) 04.07.2025
(54) Time-frequency analysis of mixed electrophysiological responses to neural stimulation

(71) Saunders, T.
(21) 2025902754 (22) 02.07.2025
(54) Chew-and-Park Functional Chewing Gum for Oral Soothing Using Botanical and Therapeutic Agents

(71) Saunders, T.
(21) 2025902799 (22) 04.07.2025
(54) Targeted Grout Cleaning Strip System with Precision Applicator

(71) Saunders, T.
(21) 2025902823 (22) 04.07.2025
(54) Discreet Medicated Oral Delivery System via Chewing Gum or Compressed Tablet for Targeted Intraoral Relief

(71) Saunders, T.
(21) 2025902845 (22) 06.07.2025
(54) Discreet Intraoral Delivery of Anaesthetic and/or Antihistamine Agents via Chewing Gum and Compressed Oral Formats

(71) Saunders, T.
(21) 2025902865 (22) 07.07.2025
(54) Dual-Phase Medicated Chewing Gum with Optional Liquid or Gel-Filled Core for Targeted Intra-Oral Relief

(71) Saunders, T.
(21) 2025902872 (22) 08.07.2025
(54) Multi-Format Intraoral Relief System Featuring Chew-and-Park Gum, Compressed Mints, Lozenges, Strips, and Dual-Phase Delivery for Anaesthetic, Antihistamine, and Soothing Agent Administration

(71) Schultz, J.
(21) 2025902755 (22) 02.07.2025
(54) Bulldog Buffer – Curved Feeding Mat for Flat-Faced Dogs

(71) ShareTrading.ai Pty Ltd
(21) 2025902788 (22) 03.07.2025
(54) BuyScore: Weighted AI-Driven Stock Valuation and Decision Support System

SHERIDAN, S. see McMATH, J.
(21) 2025902850

(71) SUPER CROWN PTY. LTD.
(21) 2025902776 (22) 02.07.2025
(54) A Liquid Composition for Supporting Healthy Blood Sugar Regulation and Insulin Sensitivity

(71) SUPER CROWN PTY. LTD.
(21) 2025902777 (22) 02.07.2025
(54) A Bioactive Protein Composition for Immune System Enhancement

(71) SUPER CROWN PTY. LTD.
(21) 2025902778 (22) 02.07.2025
(54) Herbal Composition for Supporting Kidney Stone Clearance and Prevention

(71) SUPER CROWN PTY. LTD.
(21) 2025902798 (22) 03.07.2025
(54) Tri-Antioxidant Composition Comprising Ergothioneine, Astaxanthin and Grape Seed Extract for Cellular and Mitochondrial Protection

(71) SUPER CROWN PTY. LTD.
(21) 2025902861 (22) 07.07.2025
(54) GreenVita-LF: Premium, Eco-Friendly Lactoferrin for Health

(71) Synergy AI Systems
(21) 2025902841 (22) 06.07.2025
(54) System and Method for Self-Contained Executable Logic in Large Language Models (LLMs)

(71) Tailby, M.
(21) 2025902857 (22) 07.07.2025
(54) Roof maintenance and protection system and method

(71) Tan, H.
(21) 2025902782 (22) 02.07.2025
(54) Wearable communication device

(71) The University of Melbourne
(21) 2025902766 (22) 02.07.2025
(54) Ultrasound delivery using implantable devices

(71) The University of Newcastle
(21) 2025902821 (22) 04.07.2025
(54) Recovery of silver from photovoltaic cells

(71) Tingate, T.
(21) 2025902878 (22) 08.07.2025
(54) Composite 'Observer' Assay and Closed-Loop System for Chromatin Geometry, Chemistry and Flux Correction ('Observer')

Provisional Applications Filed - Name Index cont'd

(71) Tipmi Holdings Pty Ltd
 (21) 2025902756 (22) 02.07.2025
 (54) Graphical User Interface System for Contextual Media Feed Navigation

(71) Toluk Holdings Pty Ltd t/as SofiaSante Pharmaceuticals
 (21) 2025902804 (22) 04.07.2025
 (54) Unimolecular Triagonist Polypeptides for Modulating Satety and Energy Expenditure

Tomlinson, D. see Alder, R.
 (21) 2025902822

(71) Tournicare Pty Ltd
 (21) 2025902803 (22) 04.07.2025
 (54) Clamping devices and methods for repeated measurement of changes in blood pressure

(71) Udara, N.
 (21) 2025902757 (22) 02.07.2025
 (54) A vehicle safety system combining VR and holographic projection to display 3D hazard warnings and navigation overlays directly onto the windshield. It uses real-time data and machine learning to predict hazards, projecting immersive, depth-accurate images without the need for headsets. The system enhances driver awareness through non-obstructive, frame-mounted holographic displays and offers VR training modes for hazardous driving conditions.

University of Technology Sydney see New-South Innovations Pty Limited
 (21) 2025902882

(71) Wang, Q.
 (21) 2025902877 (22) 08.07.2025
 (54) Foldable self-erected air inflated vessel

(71) West, M.
 (21) 2025902849 (22) 07.07.2025
 (54) A.I. powered truth verification tab for social media

(71) Wiggins, D.
 (21) 2025902811 (22) 04.07.2025
 (54) Vacuum Truck Design that includes Integrated Vessel Support.

(71) Wiggins, D.
 (21) 2025902816 (22) 04.07.2025
 (54) Structural Subframe Design Featuring Built-In Tank Integration

(71) Wong, K.M.
 (21) 2025902837 (22) 05.07.2025
 (54) Decentralized System for Registering and Verifying Inventive Content Using Cryptographic Hashes and Distributed Ledger Signatures

(71) Woodhouse, J.
 (21) 2025902859 (22) 07.07.2025
 (54) Fish Bait and Burley Casing with Internal Stealth Fishhook

Yang, W. see Eastmount Lane Pty Ltd
 (21) 2025902867

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2025902584	Barbulescu, D.; Barbulescu, T.; Barbulescu, D.; Barbulescu, V.; Barbulescu, C.; Barbulescu, N.	2025902808	Rostas, J.
2025902674	HelX Explosive Technologies Pty Ltd	2025902809	Intelliglass Systems PTY LTD
2025902735	Kyan, E.	2025902810	Newman, K.
2025902736	Kyan, E.	2025902811	Wiggins, D.
2025902740	NewSouth Innovations Pty Limited	2025902812	Equipment Placement Group Pty Ltd
2025902741	CostaExchange Pty Ltd	2025902813	CREATIVE INSTORE SOLUTIONS PTY LTD
2025902742	Oates, J.	2025902814	Alcoa of Australia Limited
2025902743	Kyan, E.	2025902815	McGuire, M.
2025902746	Morrison, M.	2025902816	Wiggins, D.
2025902749	Ceviker, A.	2025902817	Saluda Medical Pty Limited
2025902750	BROWN, D.	2025902818	Maltman, W.
2025902751	McGrath, D.	2025902819	Jairo Echavarria Perez, J.
2025902752	CRITERION INDUSTRIES PTY LTD	2025902820	Number 8 Bio Holdings Pty Ltd
2025902753	Lanyon, G.	2025902821	The University of Newcastle
2025902754	Saunders, T.	2025902822	Alder, R.; Papamichalakis, F.; Tomlinson, D.
2025902755	Schultz, J.	2025902823	Saunders, T.
2025902756	Tipmi Holdings Pty Ltd	2025902824	Cullen, T.
2025902757	Udara, N.	2025902825	Acha coffee
2025902758	GeneSeq Pty Ltd	2025902826	Loopley
2025902759	Abingdon, A.	2025902827	Living Oceans Pty Ltd
2025902760	Bourne, T.	2025902828	Neonator Pty Ltd
2025902761	ClipCap Pty Ltd	2025902829	hepburn, r.
2025902762	hopkins, d.	2025902830	Gatward, T.
2025902763	BLUEGREEN POWER TECHNOLOGIES PTY. LTD.	2025902831	Gatward, T.
2025902764	Filamon Limited	2025902832	Gatward, T.
2025902765	Kyan, E.	2025902833	Gatward, T.
2025902766	The University of Melbourne	2025902834	Gatward, T.
2025902767	Doyle, D.	2025902835	Cordony, P.
2025902768	Gmeiner, M.	2025902836	Kajeena Mining Company Pty Ltd
2025902769	Fisher, C.	2025902837	Wong, K.M.
2025902770	Fisher, C.	2025902838	Mailey, K.
2025902771	Fisher, C.	2025902839	Brown, R.
2025902772	Fisher, C.	2025902840	Bulmash, J.
2025902773	Fisher, C.	2025902841	Synergy AI Systems
2025902774	Fisher, C.	2025902842	Nancarrow, T.
2025902775	Kyan, E.	2025902843	Garry Beadel
2025902776	SUPER CROWN PTY. LTD.	2025902844	Pickering, A.
2025902777	SUPER CROWN PTY. LTD.	2025902845	Saunders, T.
2025902778	SUPER CROWN PTY. LTD.	2025902846	Neurizon Therapeutics Limited
2025902779	HBG IP Holding Pty Ltd	2025902847	Saltis Limited
2025902780	Robinson, A.	2025902849	West, M.
2025902782	Tan, H.	2025902850	McMATH, J.; McMATH, S.; BRENNAN, L.; SHERIDAN, S.
2025902783	DELIVER-EZE PTY. LTD.	2025902851	IPHK Pty Ltd
2025902784	RESMED PTY LTD; RESMED ASIA PTE LTD	2025902853	Kiss, V.
2025902785	Dragatron Pty Ltd	2025902854	Investigation Systems Pty Ltd
2025902786	LOFT 393	2025902855	Hammersmith Nominees Pty Ltd
2025902787	REYNOLDS, R.; GLASSON, N.	2025902856	Patterson, G.
2025902788	ShareTrading.ai Pty Ltd	2025902857	Tailby, M.
2025902789	Edith Cowan University	2025902858	Commonwealth Scientific and Industrial Research Organisation; Hendrix Genetics Research, Technology & Service B.V.
2025902790	Macnaught Pty Ltd	2025902859	Woodhouse, J.
2025902791	Macquarie University	2025902860	Commonwealth Scientific and Industrial Research Organisation; Hendrix Genetics Research, Technology & Service B.V.
2025902792	Logix Engineering Pty Ltd	2025902861	SUPER CROWN PTY. LTD.
2025902793	Fastbrick IP Pty Ltd	2025902862	NewNews PTY LTD
2025902794	Glencore Technology Pty Limited	2025902863	Burgess, M.
2025902795	Auspod Pty Ltd	2025902864	LRCK Investment Solutions
2025902796	Cooper Delivered	2025902865	Saunders, T.
2025902797	Fofana, S.A.	2025902866	Leonardo, C.
2025902798	SUPER CROWN PTY. LTD.	2025902867	Eastmount Lane Pty Ltd; Yang, W.
2025902799	Saunders, T.	2025902868	Antas, G.
2025902800	OOHA Pty Ltd	2025902869	Maheshwari, P.
2025902801	51folds.ai Limited	2025902871	moncada, a.
2025902802	Lauxes IP Pty Ltd	2025902872	Saunders, T.
2025902803	Tournicare Pty Ltd	2025902873	BioPhamTech Group Pty Ltd
2025902804	Toluk Holdings Pty Ltd t/as SofiaSante Pharmaceuticals		
2025902805	Baynham, N.		
2025902806	Baynham, N.		
2025902807	Beaton, A.		

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2025902874	Macdonald, J.
2025902875	GreenLink Eco Pty Ltd
2025902876	Conran Innovations
2025902877	Wang, Q.
2025902878	Tingate, T.
2025902881	Iarkin, b.
2025902882	NewSouth Innovations Pty Limited; University of Technology Sydney
2025902884	MULTIVENTURE INDUSTRIES PTY LTD

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 1 Jul 2025 .

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

(71) ABBOTT DIABETES CARE INC. (21) 2025205202 (22) 08.07.2025 (54) NAD(P) depot for NAD(P)-dependent enzyme-based sensors	(71) Aristocrat Technologies Australia Pty Limited (21) 2025205066 (22) 02.07.2025 (54) ELECTRONIC GAMING SYSTEM WITH DYNAMIC RETURN TO PLAYER AND METHOD OF USE	(71) BATTELLE MEMORIAL INSTITUTE (21) 2025205162 (22) 04.07.2025 (54) MULTIBAND DIGITAL DATA NETWORK INFRASTRUCTURE WITH BROADBAND ANALOG FRONT END
(71) ALL PURPOSE PUMPS HOLDINGS PTY LTD (21) 2025205187 (22) 07.07.2025 (54) PIT ASSEMBLY FOR A PUMPING STATION	Arizona Board of Regents on behalf of the University of Arizona see Phoenix Children's Hospital, Inc. (21) 2025205220	(71) Becton, Dickinson and Company (21) 2025205044 (22) 02.07.2025 (54) Integrated connector and disinfecting cap with reservoir
(71) AlphaHive LLC (21) 2025205179 (22) 07.07.2025 (54) Mobile, low profile storage tank sensor monitoring analytic management system and methods	(71) Ascendis Pharma A/S (21) 2025205027 (22) 01.07.2025 (54) Conjugates of π -electron-pair-donating heteroaromatic nitrogen comprising compounds	(71) Becton, Dickinson and Company (21) 2025205228 (22) 08.07.2025 (54) Dual ended disinfecting cap for stop-cock valves
(71) AMERICAN TEL-A-SYSTEMS, INC. (21) 2025205088 (22) 03.07.2025 (54) DYNAMIC CONTEXT-AWARE DISPATCHING	Assistance Publique - Hôpitaux de Paris see Institut National de la Santé et de la Recherche Médicale (INSERM) (21) 2025205174	(71) Bessor Pharma, LLC (21) 2025205224 (22) 08.07.2025 (54) APPLICATIONS OF KNOWN AND NOVEL CANNABINOIDS
(71) Amicus Therapeutics, Inc. (21) 2025205141 (22) 04.07.2025 (54) METHODS OF TREATING FABRY DISEASE IN PATIENTS HAVING A MUTATION IN THE GLA GENE	(71) Astellas Institute for Regenerative Medicine (21) 2025205051 (22) 02.07.2025 (54) Improved methods of producing RPE cells and compositions of RPE cells	(71) Bios-Therapy, Physiological Systems for Health S.p.A. (21) 2025205148 (22) 04.07.2025 (54) A METHOD FOR CHARACTERISING THE ONSET, DURATION, AND RESOLUTION OF THE BIOLOGICAL EFFECTS OF A THERAPEUTIC OR BENEFICIAL PRODUCT
(71) Amylyx Pharmaceuticals, Inc.; The Board of Trustees of the Leland Stanford Junior University (21) 2025205195 (22) 08.07.2025 (54) BUFFERED FORMULATIONS OF EX-ENDIN (9-39)	(71) Avidity Biosciences, Inc. (21) 2025205176 (22) 07.07.2025 (54) Nucleic acid-polypeptide compositions and methods of inducing exon skipping	(71) Bowman, T. (21) 2025205080 (22) 03.07.2025 (54) An Athletics Hurdle
(71) Andis Company (21) 2025205084 (22) 03.07.2025 (54) ADJUSTABLE BLADE ASSEMBLY HAVING MAGNETIC TENSIONING	(71) Axalbion SA (21) 2025205040 (22) 02.07.2025 (54) [((1R,2S,5R)-2-isopropyl-5-methyl-cyclohexanecarbonyl)-amino]-acetic acid isopropyl ester for treatment of chronic cough	(71) Breville Pty Limited (21) 2025205219 (22) 08.07.2025 (54) A coffee puck removal device
(71) ANGEL GROUP CO., LTD. (21) 2025205204 (22) 08.07.2025 (54) GAME MONITORING SYSTEM	(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025205194 (22) 08.07.2025 (54) Method and device for coding/decoding image using intra prediction	(71) BriaCell Therapeutics Corp. (21) 2025205094 (22) 03.07.2025 (54) Whole-cell cancer vaccines and methods for selection thereof
(71) Apellis Pharmaceuticals, Inc. (21) 2025205058 (22) 02.07.2025 (54) Dosing regimens and related compositions and methods	(71) BAKER HUGHES HOLDINGS LLC (21) 2025205157 (22) 04.07.2025 (54) Internal asset model reconstruction for inspection	(71) BRISTOL-MYERS SQUIBB COMPANY (21) 2025205056 (22) 02.07.2025 (54) METHODS OF TREATING TUMOR
		(71) BROWN, D. (21) 2025205028 (22) 02.07.2025 (54) Convertible Two-Piece Coverall with Zippered Waist Separation and Adjustable Fit Mechanism

Complete Applications Filed - Name Index cont'd

(71) Canon Kabushiki Kaisha
(21) 2025205240 (22) 08.07.2025
(54) Process cartridge, electrophotographic image forming apparatus and electrophotographic photosensitive drum unit

(71) Capital One Services, LLC
(21) 2025205061 (22) 02.07.2025
(54) Systems and methods for cryptographic authentication of contactless cards

(71) Capital One Services, LLC
(21) 2025205159 (22) 04.07.2025
(54) Systems and methods for cryptographic authentication of contactless cards

(71) Carbon Clean Solutions Limited
(21) 2025205214 (22) 08.07.2025
(54) System and process of capturing carbon dioxide from flue gases

(71) Century Wind Power Co., Ltd.
(21) 2025205035 (22) 02.07.2025
(54) Tower hoisting apparatus and method for assembling subsea tower foundation

(71) CFM Intellectual Property Pty Ltd
(21) 2025205237 (22) 08.07.2025
(54) FILTER TANK ASSEMBLY

(71) CIRCINUS MEDICAL TECHNOLOGY LLC
(21) 2025205190 (22) 07.07.2025
(54) SYSTEM AND METHOD FOR LID-AR-BASED ANATOMICAL MAPPING

(71) Cold Spring Harbor Laboratory; University of Georgia Research Foundation, Inc.
(21) 2025205032 (22) 02.07.2025
(54) Heterozygous CENH3 monocots and methods of use thereof for haploid induction and simultaneous genome editing

(71) Concept Safety Systems (Holdings) Pty Ltd
(21) 2025205064 (22) 02.07.2025
(54) SYSTEM AND METHOD FOR IN-DOOR SPATIAL MAPPING

(71) Corium, LLC.
(21) 2025205205 (22) 08.07.2025
(54) SODIUM BICARBONATE IN SITU CONVERSION DRIVEN TRANSDERMAL DELIVERY OF AMINE DRUG

(71) Corrosion Instruments Pty Ltd
(21) 2025205146 (22) 04.07.2025

(54) CORROSION PROTECTION SYSTEM

Corteva Agriscience LLC see Queensland University of Technology
(21) 2025205215

(71) Crane & Co., Inc.
(21) 2025205090 (22) 03.07.2025
(54) Surface applied micro-optic anti-counterfeit security device

CSI Cells (Yangzhou) Co., Ltd. see CSI Cells Co., Ltd
(21) 2025205127

(71) CSI Cells Co., Ltd; CSI Cells (Yangzhou) Co., Ltd.; CSI Silicon Wafer (Yangzhou) Co., Ltd.
(21) 2025205127 (22) 03.07.2025
(54) Solar cell

CSI Silicon Wafer (Yangzhou) Co., Ltd. see CSI Cells Co., Ltd
(21) 2025205127

(71) Deere & Company
(21) 2025205175 (22) 07.07.2025
(54) Controlling actuation frequency of a discrete application device based on ground speed

(71) Derrick Corporation
(21) 2025205160 (22) 04.07.2025
(54) COMPRESSION APPARATUSES, SYSTEMS AND METHODS FOR SCREENING MATERIALS

(71) Dexcom, Inc.
(21) 2025205068 (22) 02.07.2025
(54) Continuous glucose monitor communication with multiple display devices

(71) Dexcom, Inc.
(21) 2025205069 (22) 02.07.2025
(54) Systems and methods for distributing continuous glucose data

(71) Disc Medicine, Inc.
(21) 2025205098 (22) 03.07.2025
(54) Matriptase 2 inhibitors and uses thereof

(71) Dometic Sweden AB
(21) 2025205034 (22) 02.07.2025
(54) Mobile cooling box with latch handle opening

(71) EditForce, Inc.; Kyushu University, National University Corporation
(21) 2025205185 (22) 07.07.2025

(54) PPR PROTEIN CAUSING LESS AGGREGATION AND USE OF THE SAME

(71) Edwards Lifesciences Corporation
(21) 2025205218 (22) 08.07.2025
(54) Method of reducing left atrial pressure

(71) Elanco Animal Health GmbH
(21) 2025205082 (22) 03.07.2025
(54) Immunostimulatory oligonucleotides

(71) Equifax, Inc.
(21) 2025205049 (22) 02.07.2025
(54) Production-ready attributes creation and management for software development

(71) Exel Industries
(21) 2025205030 (22) 02.07.2025
(54) Robotic platform with a low center of gravity, particularly designed to move between two rows of vines

(71) FEI Company
(21) 2025205186 (22) 07.07.2025
(54) Techniques for electron energy loss spectroscopy at high energy losses with magnetic immersion objective

(71) Fisher & Paykel Healthcare Limited
(21) 2025205045 (22) 02.07.2025
(54) A Nasal Seal for a Respiratory Patient Interface

(71) Fortescue Zero Limited
(21) 2025205135 (22) 04.07.2025
(54) SUPPRESSANT MANAGEMENT

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(21) 2025205042 (22) 02.07.2025
(54) Trustworthiness of a video data stream

(71) Gates Corporation
(21) 2025205073 (22) 03.07.2025
(54) PRESSURE HOSE

(71) Gebrüder Linck, Maschinenfabrik 'Gatterlinck' GmbH & Co. KG
(21) 2025205199 (22) 08.07.2025
(54) Method and apparatus for producing lumber from a tree trunk

(71) GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.
(21) 2025204926 (22) 30.06.2025
(54) Relative Navigation for Aerial Recovery of Aircraft

Complete Applications Filed - Name Index cont'd

(71) Gen-Probe Incorporated
(21) 2025205173 (22) 07.07.2025
(54) Sample preparation method and system

(71) Genzyme Corporation
(21) 2025205089 (22) 03.07.2025
(54) Variant RNAi

(71) Geomni, Inc.
(21) 2025205096 (22) 03.07.2025
(54) Systems and methods for generating augmented reality environments from two-dimensional drawings

(71) GI Scientific, LLC
(21) 2025205050 (22) 02.07.2025
(54) Matter manipulator with conductive coating

(71) Gliknik Inc.
(21) 2025205063 (22) 02.07.2025
(54) Fusion proteins of human protein fragments to create orderly multimerized immunoglobulin Fc compositions with enhanced complement binding

(71) GN Hearing A/S
(21) 2025205178 (22) 07.07.2025
(54) Determining placement of hearing device components in a 3D digital model of a custom device for a user

(71) GN Hearing A/S
(21) 2025205181 (22) 07.07.2025
(54) A method for assessing an ear impression

(71) GN Hearing A/S
(21) 2025205200 (22) 08.07.2025
(54) Recommending a specific hearing device configuration for a custom hearing device or a custom ear mould for a user

(71) GN Hearing A/S
(21) 2025205201 (22) 08.07.2025
(54) Digitally removing a top part of a digital 3d representation of an ear impression for providing a 3d digital model of a custom device for a user

(71) GN Hearing A/S
(21) 2025205209 (22) 08.07.2025
(54) A method for identifying landmarks in a 3D representation of an ear impression

(71) GN Hearing A/S
(21) 2025205211 (22) 08.07.2025

(54) A method for orientation estimation of a 3D representation of an ear impression, a data processing device and a system

(71) GN Hearing A/S
(21) 2025205225 (22) 08.07.2025
(54) Method for processing a digital 3D representation of an ear impression

(71) GN Hearing A/S
(21) 2025205226 (22) 08.07.2025
(54) Digitally reconstructing an entrance part of a digital 3D model of a custom device for a user

(71) Google LLC
(21) 2025205041 (22) 02.07.2025
(54) VERIFIED QUANTUM PHASE ESTIMATION

(71) Gordon, D.
(21) 2025205149 (22) 04.07.2025
(54) Mechanism for Mitigating Fencing Wire Entanglement

(71) Graco Minnesota Inc.
(21) 2025205158 (22) 04.07.2025
(54) Paint sprayer distributed control and output volume monitoring architectures

(71) Great Southern Motor Company Pty. Ltd.
(21) 2025205155 (22) 04.07.2025
(54) Pressure Device

(71) Green Automation Group Oy
(21) 2025205142 (22) 04.07.2025
(54) Open-top gutter

Griffith University see Research Institute at Nationwide Children's Hospital
(21) 2025205085

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
(21) 2025205235 (22) 08.07.2025
(54) Image prediction method, encoder, decoder and storage medium

(71) Halliburton Energy Services, Inc.
(21) 2025205036 (22) 02.07.2025
(54) A MULTILATERAL JUNCTION

(71) Halliburton Energy Services, Inc.
(21) 2025205079 (22) 03.07.2025
(54) Heaters to accelerate setting of expandable metal

(71) Halliburton Energy Services, Inc.
(21) 2025205137 (22) 04.07.2025
(54) High performance regular and high expansion elements for oil and gas applications

(71) Hangzhou Tianlong Pharmaceutical Co., Ltd.
(21) 2025205193 (22) 07.07.2025
(54) Double-Stranded RNAi Agents For Targeting And Regulating HBV Gene Expression, And A Use Thereof

(71) Hanwha TotalEnergies Petrochemical Co., Ltd.
(21) 2025205170 (22) 07.07.2025
(54) POLYETHYLENE RESIN COMPOSITION, METHOD OF PREPARING THE SAME, AND ARTICLE PRODUCED THEREFROM

(71) Helix Nanotechnologies Inc
(21) 2025205053 (22) 02.07.2025
(54) Compositions including Sbi adjuvants and methods of use thereof

(71) Henry K. Obermeyer
(21) 2025205153 (22) 04.07.2025
(54) IMPROVED REVERSIBLE PUMP-TURBINE INSTALLATION

(71) Heraeus Medical GmbH
(21) 2025205025 (22) 01.07.2025
(54) HEMOSTATIC AGENT IN PASTE FORM, USE THEREOF, AND METHOD FOR PRODUCING A LOCAL ACTIVE AGENT RELEASE SYSTEM

(71) Honeywell Safety Products USA, Inc.
(21) 2025205156 (22) 04.07.2025
(54) Adjustable insole for a footwear article

(71) Howmedica Osteonics Corp.
(21) 2025205033 (22) 02.07.2025
(54) Using mixed-reality hardware for range of motion estimation during robot-assisted orthopedic surgery

(71) Huawei Technologies Co., Ltd.
(21) 2025205059 (22) 02.07.2025
(54) BUFFER REPORT SENDING AND RECEIVING METHOD, AND APPARATUS

(71) Huawei Technologies Co., Ltd.
(21) 2025205144 (22) 04.07.2025
(54) CHANNEL MONITORING METHOD AND RELATED APPARATUS

(71) Hubbell Incorporated
(21) 2025205189 (22) 07.07.2025

Complete Applications Filed - Name Index cont'd

(54) Disconnecter device and overvoltage protection assembly including the same

(71) Hutchinson, M.
(21) 2025205210 (22) 08.07.2025
(54) Elevator Laundry Drying Apparatus

(71) Hygiene Innovations Pty Ltd
(21) 2025205105 (22) 03.07.2025
(54) Urinal Mat

(71) IdentiFlight International, LLC
(21) 2025205212 (22) 08.07.2025
(54) AVIAN DETECTION SYSTEMS AND METHODS

(71) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
(21) 2025205092 (22) 03.07.2025
(54) Device and Method for Detecting and Identifying Extracellular Vesicles in a Liquid Dispersion Sample

(71) Institut National de la Santé et de la Recherche Médicale (INSERM); Assistance Publique - Hôpitaux de Paris; Université Paris-Sud; Université Paris Cité
(21) 2025205174 (22) 07.07.2025
(54) Methods and compositions for treating cancers

(71) Intra-Cellular Therapies, Inc.
(21) 2025205128 (22) 03.07.2025
(54) NOVEL METHODS

(71) Jiangxi Tianyu Chemical Co., Ltd.
(21) 2025204777 (22) 25.06.2025
(54) A method for the preparation of Compound II

(71) John Mezzalingua Associates, LLC
(21) 2025205020 (22) 01.07.2025
(54) Edge-based location-specific warning system for LTE networks

(71) Joy Global Surface Mining Inc
(21) 2025205112 (22) 03.07.2025
(54) Shovel stabilizer appendage

(71) Joy Global Underground Mining LLC
(21) 2025205086 (22) 03.07.2025
(54) Spray nozzle for underground roof support

(71) JUNO THERAPEUTICS, INC.
(21) 2025205183 (22) 07.07.2025
(54) PROCESS FOR GENERATING THERAPEUTIC COMPOSITIONS OF ENGINEERED CELLS

(71) KeyBioscience SA
(21) 2025205152 (22) 04.07.2025
(54) Acylated calcitonin mimetics

(71) Kocibelli, I.
(21) 2025205136 (22) 04.07.2025
(54) ModelProof: Tamper-Resistant System for Fingerprinting, Licensing, and Lineage Verification of AI Models Using Cryptographic and Zero-Knowledge Techniques

(71) Kronos Aerial Photography Ltd
(21) 2025205075 (22) 03.07.2025
(54) MOTORIZED RAILWAY SAFETY CART AND DEPLOYMENT SYSTEM THEREOF

Kyushu University, National University Corporation see EditForce, Inc.
(21) 2025205185

(71) Lentigen Technology, Inc.
(21) 2025205060 (22) 02.07.2025
(54) Compositions and methods for treating HIV/AIDS with immunotherapy

(71) LG Electronics Inc.
(21) 2025205130 (22) 03.07.2025
(54) Refrigerator

(71) LG Electronics Inc.
(21) 2025205138 (22) 04.07.2025
(54) DISPLAY DEVICE AND OPERATING METHOD THEREOF

(71) Lindsay Corporation
(21) 2025205038 (22) 02.07.2025
(54) SYSTEM AND METHOD FOR CALIBRATING AN IRRIGATION SYSTEM

(71) Livestock Safety Solutions Pty Ltd
(21) 2025205241 (22) 08.07.2025
(54) A BARRIER

(71) Loci Controls, Inc.
(21) 2025205208 (22) 08.07.2025
(54) DEVICES AND TECHNIQUES RELATING TO LANDFILL GAS EXTRACTION

(71) Mann, N.
(21) 2025205065 (22) 02.07.2025
(54) TRANSACTION AID

(71) McGrath, D.
(21) 2025205177 (22) 07.07.2025

(54) Spray-Applied Film System for Improved Row Crop Establishment via Targeted Shoulder Application

(71) MedImmune Limited
(21) 2025205131 (22) 03.07.2025
(54) THERAPEUTIC BINDING MOLECULES

(71) Merck Sharp & Dohme LLC
(21) 2025205140 (22) 04.07.2025
(54) Stable formulations of programmed death receptor 1 (PD-1) antibodies and methods of use thereof

(71) Mesoblast International Sarl
(21) 2025205043 (22) 02.07.2025
(54) Potency assay

(71) min, b.
(21) 2025205165 (22) 05.07.2025
(54) Fermented fusion yeast spread composition with omega-3 enrichment and dual-stage koji fermentation

(71) Minelab Electronics Pty. Limited
(21) 2025205047 (22) 02.07.2025
(54) AN IMPROVED METAL DETECTOR

(71) Mocpack (Wuxi) Technology Co., Ltd
(21) 2025205180 (22) 02.07.2025
(54) Multifunctional Automotive Storage Box

(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025205132 (22) 03.07.2025
(54) WALK-BEHIND MOWER

(71) National University of Singapore
(21) 2025205077 (22) 03.07.2025
(54) Methods for enhancing efficacy of therapeutic immune cells

(71) National University of Singapore
(21) 2025205147 (22) 04.07.2025
(54) Blockade of CD7 expression and chimeric antigen receptors for immunotherapy of T-cell malignancies

(71) NAVICO GROUP AMERICAS, LLC
(21) 2025205046 (22) 02.07.2025
(54) HOVER MOUNT DISPLAYS, SYSTEMS, AND METHODS FOR WATER-CRAFT

(71) Neptune Medical Inc.
(21) 2025205139 (22) 04.07.2025
(54) DYNAMICALLY RIGIDIZING COMPOSITE MEDICAL STRUCTURES

Complete Applications Filed - Name Index cont'd

(71) Neurocrine Biosciences, Inc.; Sanofi
(21) 2025205083 (22) 03.07.2025
(54) CRF1 receptor antagonist, pharmaceutical formulations and solid forms thereof for the treatment of congenital adrenal hyperplasia

(71) NEW ZEALAND COMFORT GROUP LIMITED
(21) 2025205029 (22) 02.07.2025
(54) MATTRESS, MATTRESS CORE, AND METHOD OF MANUFACTURE

(71) Nien Made Enterprise Co., Ltd.
(21) 2025205161 (22) 04.07.2025
(54) Pull-rod mechanism and window covering having same

(71) Nordic Lights Oy
(21) 2025205031 (22) 02.07.2025
(54) WORK LIGHT AND CONTROLLING ONE OR MORE WORK LIGHTS

(71) OCADO INNOVATION LIMITED
(21) 2025205067 (22) 02.07.2025
(54) Apparatus for Retrieving Storage Containers from a Storage and Retrieval System

(71) Omachron Intellectual Property Inc.
(21) 2025205151 (22) 04.07.2025
(54) Hand vacuum cleaner

(71) Panasonic Intellectual Property Corporation of America
(21) 2025205021 (22) 01.07.2025
(54) Three-dimensional data encoding method, three-dimensional data decoding method, three-dimensional data encoding device, and three-dimensional data decoding device

(71) PAYMENTUS CORPORATION
(21) 2025205163 (22) 04.07.2025
(54) METHODS, APPARATUSES, AND SYSTEMS FOR USER ACCOUNT-AFFILIATED PAYMENT AND BILLING, CONSOLIDATED DIGITAL BILLER-PAYMENT WALLETS

(71) Petsure (Australia) Pty Ltd
(21) 2025205055 (22) 02.07.2025
(54) Computer-Implemented Method of Managing an Insurance Claim

(71) Pharmacyclics LLC
(21) 2025205154 (22) 04.07.2025
(54) Crystalline forms of a Bruton's tyrosine kinase inhibitor

(21) 2025205093

(71) Phoenix Children's Hospital, Inc.; Arizona Board of Regents on behalf of the University of Arizona
(21) 2025205220 (22) 08.07.2025
(54) VACCINE POLYPEPTIDE COMPOSITIONS AND METHODS

(71) plowman, j.
(21) 2025205166 (22) 05.07.2025
(54) Title MiteBee Non-Lethal Detection and Suppression Device for Varroa Destructor Mite testing /counting in Honeybee Colonies Abstract A biodegradable and reusable field testing device designed to detect and suppress Varroa destructor mites using frequency emission, without harming live honeybees. The device is designed as a sustainable alternative to alcohol and sugar wash methods and facilitates early detection of mite infestations through induced drop-off via targeted pulsed frequencies. Technical Field This invention relates to apiculture pest detection systems, particularly non-lethal tests

(71) Poly Gain Pte Ltd
(21) 2025205188 (22) 07.07.2025
(54) Use of sugar cane extracts in the treatment or prevention of microbial infections and dysbiosis

(71) POVIVA CORP
(21) 2025205229 (22) 08.07.2025
(54) COMPOSITIONS AND METHODS FOR TREATING DIABETES

(71) PRECISION ICEBLAST CORPORATION
(21) 2025205074 (22) 03.07.2025
(54) DEEP CLEANING ALIGNMENT EQUIPMENT

(71) PROGRESS RAIL LOCOMOTIVE INC.
(21) 2025205091 (22) 03.07.2025
(54) TRAIN PACING FOR ENERGY OPTIMIZATION

(71) Quartus Engineering, Inc.
(21) 2025205037 (22) 02.07.2025
(54) DRIVING DEVICES AND METHODS FOR DETERMINING MATERIAL STRENGTH IN REAL-TIME

(71) Queensland University of Technology; Corteva Agriscience LLC
(21) 2025205215 (22) 08.07.2025
(54) SHORT/SMALL HAIRPIN RNA MOLECULES

(71) Rapid Micro Biosystems, Inc.
(21) 2025205039 (22) 02.07.2025
(54) Use of clean and dry gas for particle removal and assembly therefor

(71) Research Institute at Nationwide Children's Hospital; Griffith University
(21) 2025205085 (22) 03.07.2025
(54) AGENTS AND METHODS FOR MODULATING PATHOGEN ACTIVITY

(71) ResMed Inc.
(21) 2025205076 (22) 03.07.2025
(54) STORING, CONTROLLING, AND PORTING RESPIRATORY THERAPY SETTINGS FROM A REMOTE SERVER

(71) ResMed Pty Ltd
(21) 2025205216 (22) 08.07.2025
(54) A PATIENT INTERFACE WITH AN OCCIPITAL ANCHOR

(71) ROOFTG PACIFIC LIMITED
(21) 2025205145 (22) 04.07.2025
(54) A CLADDING SYSTEM

(71) Rowan University
(21) 2025205072 (22) 02.07.2025
(54) METHODS OF TREATING OR PREVENTING AMYOTROPHIC LATERAL SCLEROSIS

(71) Salar investments pty ltd atf Salar family trust; Salarzadeh, M.
(21) 2025205169 (22) 07.07.2025
(54) Disposable Utensil with Integrated Liquid or Powder Storage and Controlled Release Mechanism

Salarzadeh, M. see Salar investments pty ltd atf Salar family trust
(21) 2025205169

Sanofi see Neurocrine Biosciences, Inc.
(21) 2025205083

(71) Santa Anna Tech LLC
(21) 2025205134 (22) 03.07.2025
(54) Multi-Stage Vapor-Based Ablation Treatment Methods And Vapor Generation And Delivery Systems

(71) Schneider Electric (Australia) Pty Limited
(21) 2025205207 (22) 08.07.2025
(54) SWITCH ASSEMBLY WITH ROTATABLE OPERATIONAL PART

PHILLIPS, T.D. see Texas A&M University

Complete Applications Filed - Name Index cont'd

(71) Sera Prognostics, Inc.
(21) 2025205184 (22) 07.07.2025
(54) Biomarkers and methods for predicting preterm birth

(71) Sheltered Wings, Inc. d/b/a Vortex Optics
(21) 2025204781 (22) 25.06.2025
(54) Dual focal plane reticles for optical sighting devices

(71) Shulman, J.
(21) 2025205171 (22) 07.07.2025
(54) SEGMENTED SINGLE RECORD RETRIEVAL (SSRR) DATABASE ARCHITECTURE TO PREVENT MASS DATA LOSS

(71) Signode Industrial Group LLC
(21) 2025205057 (22) 02.07.2025
(54) STRAPPING TOOL

(71) Snap-on Incorporated
(21) 2025205078 (22) 03.07.2025
(54) Bending tool

(71) Solar Nation PowerTech Enterprises Company Limited
(21) 2025205133 (22) 03.07.2025
(54) LINKED LIGHT CONTROL SYSTEM

(71) Stevens Products Limited
(21) 2025205191 (22) 07.07.2025
(54) Zero turn radius machine

(71) Stoney Pinch Sands Pty Ltd
(21) 2025205071 (22) 02.07.2025
(54) THE PRODUCTION OF PLANT AVAILABLE SILICA (PAS) FROM QUARTZ

(71) Takeda Pharmaceutical Company Limited
(21) 2025205070 (22) 02.07.2025
(54) Treatment Of Patients With Severe Von Willebrand Disease Undergoing Elective Surgery By Administration Of Recombinant VWF

(71) Takeda Vaccines, Inc.
(21) 2025205182 (22) 07.07.2025
(54) Dengue Vaccine Unit Dose And Administration Thereof

(71) Texas A&M University; Wang, M.; PHILIPS, T.D.
(21) 2025205093 (22) 03.07.2025
(54) EDIBLE ENTEROSORBENTS USED TO MITIGATE ACUTE EXPOSURES TO INGESTIBLE ENVIRONMENTAL TOXINS FOLLOWING OUTBREAKS,

NATURAL DISASTERS AND EMERGENCIES

(71) The Board of Trustees of the Leland Stanford Junior University
(21) 2025205095 (22) 03.07.2025
(54) CONTROLLED HYDROGEL DELIVERY OF FOCAL ADHESION KINASE INHIBITOR FOR DECREASED SCAR FORMATION

The Board of Trustees of the Leland Stanford Junior University see Amylyx Pharmaceuticals, Inc.
(21) 2025205195

(71) The Boeing Company
(21) 2025205223 (22) 08.07.2025
(54) Methods of increasing electromagnetic conduction within a structural joint assembly

(71) THE CHINESE UNIVERSITY OF HONG KONG
(21) 2025205087 (22) 03.07.2025
(54) NON-INVASIVE DETERMINATION OF METHYLOME OF FETUS OR TUMOR FROM PLASMA

(71) THE PROCTER & GAMBLE COMPANY
(21) 2025205196 (22) 08.07.2025
(54) JAMMED EMULSION TOOTHPASTE COMPOSITIONS

(71) THE PROCTER & GAMBLE COMPANY
(21) 2025205197 (22) 08.07.2025
(54) JAMMED EMULSION TOOTHPASTE COMPOSITIONS

(71) THE PROCTER & GAMBLE COMPANY
(21) 2025205198 (22) 08.07.2025
(54) JAMMED EMULSION TOOTHPASTE COMPOSITIONS

(71) The Research Foundation for Mental Hygiene, Inc.; The Trustees of Columbia University in the City of New York
(21) 2025205129 (22) 03.07.2025
(54) System, method and computer-accessible medium for neuromelanin-sensitive magnetic resonance imaging as a non-invasive proxy measure of dopamine function in the human brain

(71) The Research Foundation for The State University of New York; Wisconsin Alumni Research Foundation
(21) 2025205150 (22) 04.07.2025

(54) Beam-controlled spectral-selective architecture for a radiative cooler

(71) The Rockefeller University
(21) 2025205081 (22) 03.07.2025
(54) HUMAN IgG Fc DOMAIN VARIANTS WITH IMPROVED EFFECTOR FUNCTION

The Trustees of Columbia University in the City of New York see The Research Foundation for Mental Hygiene, Inc.
(21) 2025205129

Université Paris Cité see Institut National de la Santé et de la Recherche Médicale (INSERM)
(21) 2025205174

Université Paris-Sud see Institut National de la Santé et de la Recherche Médicale (INSERM)
(21) 2025205174

University of Georgia Research Foundation, Inc. see Cold Spring Harbor Laboratory
(21) 2025205032

(71) University of Hawaii
(21) 2025205023 (22) 01.07.2025
(54) Fabry-Perot Fourier transform spectrometer

(71) University of Massachusetts
(21) 2025205222 (22) 08.07.2025
(54) Purified anthelmintic compositions and related methods

(71) University of Pittsburgh- Of the Commonwealth System of Higher Education
(21) 2025205143 (22) 04.07.2025
(54) Small polymeric carriers for delivery of agents

(71) Veravas, Inc.
(21) 2025205206 (22) 08.07.2025
(54) METHODS FOR DEPLETION AND ENRICHMENT

(71) VIG Australia Pty Ltd
(21) 2025205052 (22) 02.07.2025
(54) Sliding window roller assembly

(71) VoltStorage GmbH
(21) 2025205203 (22) 08.07.2025
(54) Method for preparation of iron salt battery electrolyte

Complete Applications Filed - Name Index cont'd

(71) Vtec Co., Ltd.
(21) 2025205192 (22) 07.07.2025
(54) VALVE MODULE FOR VACUUM PUMP

Wang, M. see Texas A&M University
(21) 2025205093

Wisconsin Alumni Research Foundation
see The Research Foundation for The
State University of New York
(21) 2025205150

(71) WORTHINGTON PRODUCTS INCOR-
PORATED
(21) 2025205221 (22) 08.07.2025
(54) HDPE MARINE BOOM WITH AXIAL
PASSAGE AND CHAIN STOP

(71) XWPHARMA LTD.
(21) 2025205097 (22) 03.07.2025
(54) PHARMACOKINETICS OF COMBINED
RELEASE FORMULATIONS OF A
GAMMA-HYDROXYBUTYRIC ACID
DERIVATIVE

(71) Yakima Australia Pty Limited
(21) 2025205054 (22) 02.07.2025
(54) Truck-Mountable Cargo Rack

(71) Zimmer, Inc.
(21) 2025205233 (22) 08.07.2025
(54) CONSTRAINED PROSTHETIC KNEE

(71) Zodiac Group Australia Pty Ltd.
(21) 2025205048 (22) 02.07.2025
(54) Pre-plumbed skid

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2025204926	GENERAL ATOMICS AERONAUTICAL SYSTEMS, INC.	2025205087	THE CHINESE UNIVERSITY OF HONG KONG
2025205020	John Mezzalingua Associates, LLC	2025205088	AMERICAN TEL-A-SYSTEMS, INC.
2025205021	Panasonic Intellectual Property Corporation of America	2025205089	Genzyme Corporation
2025205023	University of Hawaii	2025205090	Crane & Co., Inc.
2025205025	Heraeus Medical GmbH	2025205091	PROGRESS RAIL LOCOMOTIVE INC.
2025205027	Ascendis Pharma A/S	2025205092	INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
2025205028	BROWN, D.	2025205093	Texas A&M University; Wang, M.; PHILLIPS, T.D.
2025205029	NEW ZEALAND COMFORT GROUP LIMITED	2025205094	BriaCell Therapeutics Corp.
2025205030	Exel Industries	2025205095	The Board of Trustees of the Leland Stanford Junior University
2025205031	Nordic Lights Oy	2025205096	Geomni, Inc.
2025205032	Cold Spring Harbor Laboratory; University of Georgia Research Foundation, Inc.	2025205097	XWPHARMA LTD.
2025205033	Howmedica Osteonics Corp.	2025205098	Disc Medicine, Inc.
2025205034	Dometic Sweden AB	2025205105	Hygiene Innovations Pty Ltd
2025205035	Century Wind Power Co., Ltd.	2025205112	Joy Global Surface Mining Inc
2025205036	Halliburton Energy Services, Inc.	2025205127	CSI Cells Co., Ltd; CSI Cells (Yangzhou) Co., Ltd.; CSI Silicon Wafer (Yangzhou) Co., Ltd.
2025205037	Quartus Engineering, Inc.	2025205128	Intra-Cellular Therapies, Inc.
2025205038	Lindsay Corporation	2025205129	The Research Foundation for Mental Hygiene, Inc.; The Trustees of Columbia University in the City of New York
2025205039	Rapid Micro Biosystems, Inc.	2025205130	LG Electronics Inc.
2025205040	Axalbin SA	2025205131	MedImmune Limited
2025205041	Google LLC	2025205132	Nanjing Chervon Industry Co., Ltd.
2025205042	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2025205133	Solar Nation PowerTech Enterprises Company Limited
2025205043	Mesoblast International Sarl	2025205134	Santa Anna Tech LLC
2025205044	Becton, Dickinson and Company	2025205135	Fortescue Zero Limited
2025205045	Fisher & Paykel Healthcare Limited	2025205136	Kocibelli, I.
2025205046	NAVICO GROUP AMERICAS, LLC	2025205137	Halliburton Energy Services, Inc.
2025205047	Minelab Electronics Pty. Limited	2025205138	LG Electronics Inc.
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2025205049	Equifax, Inc.	2025205140	Merck Sharp & Dohme LLC
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2025205052	VIG Australia Pty Ltd	2025205143	University of Pittsburgh- Of the Commonwealth System of Higher Education
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2025205054	Yakima Australia Pty Limited	2025205145	ROOFTG PACIFIC LIMITED
2025205055	Petsure (Australia) Pty Ltd	2025205146	Corrosion Instruments Pty Ltd
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2025205057	Signode Industrial Group LLC	2025205148	Bios-Therapy, Physiological Systems for Health S.p.A.
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2025205063	Gliknik Inc.	2025205153	Henry K. Obermeyer
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2025205069	Dexcom, Inc.	2025205159	Capital One Services, LLC
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2025205073	Gates Corporation	2025205163	PAYMENTUS CORPORATION
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2025205076	ResMed Inc.	2025205169	Salar investments pty ltd atf Salar family trust; Salarzadeh, M.
2025205077	National University of Singapore	2025205170	Hanwha TotalEnergies Petrochemical Co., Ltd.
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2025205079	Halliburton Energy Services, Inc.	2025205173	Gen-Probe Incorporated
2025205080	Bowman, T.		
2025205081	The Rockefeller University		
2025205082	Elanco Animal Health GmbH		
2025205083	Neurocrine Biosciences, Inc.; Sanofi		
2025205084	Andis Company		

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2025205177	McGrath, D.
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2025205179	AlphaHive LLC
2025205180	Mocpack (Wuxi) Technology Co., Ltd
2025205181	GN Hearing A/S
2025205182	Takeda Vaccines, Inc.
2025205183	JUNO THERAPEUTICS, INC.
2025205184	Sera Prognostics, Inc.
2025205185	EditForce, Inc.; Kyushu University, National University Corporation
2025205186	FEI Company
2025205187	ALL PURPOSE PUMPS HOLDINGS PTY LTD
2025205188	Poly Gain Pte Ltd
2025205189	Hubbell Incorporated
2025205190	CIRCINUS MEDICAL TECHNOLOGY LLC
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2025205193	Hangzhou Tianlong Pharmaceutical Co., Ltd.
2025205194	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
2025205195	Amylyx Pharmaceuticals, Inc.; The Board of Trustees of the Leland Stanford Junior University
2025205196	THE PROCTER & GAMBLE COMPANY
2025205197	THE PROCTER & GAMBLE COMPANY
2025205198	THE PROCTER & GAMBLE COMPANY
2025205199	Gebrüder Linck, Maschinenfabrik 'Gatterlinck' GmbH & Co. KG
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2025205201	GN Hearing A/S
2025205202	ABBOTT DIABETES CARE INC.
2025205203	VoltStorage GmbH
2025205204	ANGEL GROUP CO., LTD.
2025205205	Corium, LLC.
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2025205215	Queensland University of Technology; Corteva Agriscience LLC
2025205216	ResMed Pty Ltd
2025205218	Edwards Lifesciences Corporation
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2025205220	Phoenix Children's Hospital, Inc.; Arizona Board of Regents on behalf of the University of Arizona
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2025205222	University of Massachusetts
2025205223	The Boeing Company
2025205224	Bessor Pharma, LLC
2025205225	GN Hearing A/S
2025205226	GN Hearing A/S
2025205228	Becton, Dickinson and Company
2025205229	POVIVA CORP
2025205233	Zimmer, Inc.
2025205235	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2025205237	CFM Intellectual Property Pty Ltd
2025205240	Canon Kabushiki Kaisha
2025205241	Livestock Safety Solutions 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)
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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
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2021103148 (22E) 2021201231 (14) 2021202229 (14)
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 2021310335 (1B) 2021310467 (1B) 2021310498 (1B)
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 2021312239 (1B) 2021312262 (1B) 2021312379 (1B)
 2021312552 (1B) 2021313132 (1B) 2021313157 (1B)
 2021314154 (1B) 2021314400 (1B) 2021318560 (12C)
 2021405784 (5C) 2021422899 (5C)

2022

2022100073 (22) 2022200424 (14) 2022200861 (14)
 2022201203 (14) 2022202086 (5C) 2022202115 (5C)
 2022202215 (14) 2022202410 (5C) 2022202475 (5C)
 2022202954 (5C) 2022203126 (5C) 2022204198 (14)
 2022204260 (5C) 2022205254 (14) 2022211136 (5C)
 2022214315 (5C) 2022217824 (12A) 2022221588 (5C)
 2022226070 (5C) 2022226332 (5C) 2022227975 (5C)
 2022229086 (5C) 2022229661 (25D) 2022231649 (5C)
 2022246246 (5C) 2022259777 (4C) 2022268378 (4C)
 2022269557 (5C) 2022279530 (4C) 2022284293 (5C)
 2022287597 (4C) 2022291597 (4C) 2022297419 (12A)
 2022387742 (5C) 2022403593 (5C) 2022422167 (5C)

2023

2023200317 (25D) 2023201612 (5C) 2023202021 (5C)
 2023202023 (5C) 2023202035 (4C) 2023202064 (5C)
 2023202081 (5C) 2023202194 (4C) 2023202237 (4C)
 2023202368 (5C) 2023202376 (5C) 2023202566 (5C)
 2023203087 (5C) 2023203253 (5C) 2023203340 (5C)
 2023203591 (5C) 2023203849 (4C) 2023203901 (5C)
 2023204599 (5C) 2023204623 (5C) 2023204672 (5C)
 2023204682 (4C) 2023204693 (4C) 2023206082 (5C)

2023206101 (5C) 2023206173 (5C) 2023208202 (4C)
 2023210652 (5C) 2023216867 (5C) 2023216899 (5C)
 2023219908 (25D) 2023219944 (5C) 2023222512 (5C)
 2023222816 (4C) 2023222826 (5C) 2023222868 (5C)
 2023222968 (5C) 2023229518 (5C) 2023239625 (4C)
 2023241369 (4C) 2023248178 (5C) 2023258454 (4C)

2024

2024200852 (4C) 2024201846 (5C) 2024202694 (5CN)
 2024202807 (5CN) 2024203633 (12C) 2024209875 (12A)
 2024219883 (12CN) 2024227050 (4C) 2024902248 (12AN)

2025

2025202551 (1B) 2025202660 (1B) 2025202980 (12C)
 2025205003 (12AN)

Assignments before Grant, Section 113

2019

2019227510 Dicerna Pharmaceuticals, Inc. The application has been assigned to **Novo Nordisk A/S**

2020

2020218789 Bright Minz Pty Ltd The application has been assigned to **Cornish Lithium plc**

2020272930 Qamcom Innovation Labs AB The application has been assigned to **Cryptoqorn Labs AG**

2021

2021229746 Sodaking IPV Pty Ltd The application has been assigned to **Sixteen Stone Operations Pty Ltd**

2021230397 Sodaking IPV Pty Ltd The application has been assigned to **Sixteen Stone Operations Pty Ltd**

2021230413 Sodaking IPV Pty Ltd The application has been assigned to **Sixteen Stone Operations Pty Ltd**

2021269949 Ecoppia Scientific Ltd. The application has been assigned to **ECO OPS. Ltd.**

2022

2022251147 Li-Technology Pty Ltd The application has been assigned to **Cornish Lithium plc**

2022360205 AMELIO BIOTECH CO., LTD. The application has been assigned to **Amelio Biomedical Co., Ltd.**

2022365133 CONCEPT TO MEDICINE BIOTECH CO., LTD. The application has been assigned to **Lepu Biopharma Co., Ltd.**

2023

2023204615 Global Payment Technologies Australia The application has been assigned to **Everi Technology Pty Ltd**

2023258370 QIAGEN Australia Holding Pty. Ltd. The application has been assigned to **QIAGEN Sciences LLC**

Assignments before Grant, Section 113

2024

2024201510 Qubitekk, Inc. The application has been assigned to **IonQ, Inc.**

2024902117 CoilRig Pty Ltd The application has been assigned to **The Trustee for CTD IP Trust**

2024903136 BRD TRADING PTY LTD The application has been assigned to **Global Locker Systems Pty Ltd**

2025

2025200713 QIAGEN Australia Holding Pty. Ltd. The application has been assigned to **QIAGEN Sciences LLC**

2025901715 BRD Trading Pty Ltd The application has been assigned to **Global Locker Systems 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.

2012

2012390266 **EUCLIDEON LTD** An application to extend the time from 21 Sep 2024 to 21 May 2025 in which to pay a renewal fee has been filed . Address for service - MBIP PO Box 78 Red Hill QLD 4059 AU

2020

2020334916 **Abaco Systems, Inc.** An application to extend the time from 21 Aug 2024 to 21 May 2025 in which to pay a continuation fee has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2020358120 **RedFlow R&D Pty Ltd** An application to extend the time from 29 Sep 2024 to 29 Apr 2025 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021102635 **Virtual IT Group Pty Ltd** An application to extend the time from 17 May 2024 to 17 May 2025 in which to pay a renewal fee has been filed . Address for service - David Mendes Apolo 10 Barnbougle Mews Shell Cove NSW 2529 AU

2024

2024203038 **Gas Technology Institute** An application to extend the time from 15 Nov 2024 to 15 Jun 2025 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2024219506 **FISHER & PAYKEL HEALTHCARE LIMITED** An application to extend the time from 02 Dec 2024 to 02 Jul 2025 in which to pay a continuation fee has been filed . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2023

2023306399 **RAZDAN, R.** The time in which to enter the National Phase has been extended to 14 May 2025 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

Amendments

Applications for Amendment

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

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

2012

2012255759 Kinase inhibitors **Principia Biopharma, Inc. ; The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 11 Mar 2025 . Address for service - RnB IP PO Box 9530 Deakin ACT 2600 AU

2015

2015280721 A wireless initiation device **Orica International Pte Ltd** The nature of the amendment is as shown in the statement(s) filed 19 May 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018351494 Dantrolene prodrugs and methods of their use **Eagle Research Labs Limited** The nature of the amendment is as shown in the statement(s) filed 11 Jun 2025 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2018393045 Purified arylsulfatase A and compositions thereof **Take-da Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2025 . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019

2019391691 Solutions for enhancing the effectiveness of insecticides and fungicides on living plants and related methods **Kop-Coat, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Jul 2025 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2019408023 Process for preparing an infant formula using freeze-drying **N.V. Nutricia** The nature of the amendment is as shown in the statement(s) filed 30 Jun 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020213886 Elevating nacelle suitable for indoor and all-terrain outdoor use **Haulotte Group** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2025 . Address for service -

Amendments

MEYER WEST IP PTY LTD PO Box 6251 Baulkham Hills NSW 2153 AU

2021

2021471061 HEAT INSULATION WALL AND MANUFACTURING METHOD AND MOUNTING METHOD THEREOF **BAO , C.** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2025 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2021478814 METHOD AND DEVICE FOR SUPPORTING REAL-TIME SERVICE **TELEFONAKTIEBOLAGET LM ERIC-SSON (PUBL)** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2025 . Address for service - FB Rice Pty Ltd Level 29 126 Phillip Street Sydney NSW 2000 AU

2022

2022228541 LONG-ACTING AMYLIN RECEPTOR AGONISTS AND USES THEREOF **ELI LILLY AND COMPANY** The nature of the amendment is as shown in the statement(s) filed 11 Jun 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022228575 COMPOSITIONS INCLUDING SBI ADJUVANTS AND METHODS OF USE THEREOF **Helix Nanotechnologies Inc** The nature of the amendment is as shown in the statement(s) filed 02 Jul 2025 . Address for service - FB Rice Pty Ltd Level 29 126 Phillip Street Sydney NSW 2000 AU

2022298220 GAS SEPARATION FACILITY AND GAS SEPARATION METHOD **JFE STEEL CORPORATION** The nature of the amendment is as shown in the statement(s) filed 27 May 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022353162 CHILD SAFETY SEAT AND ELECTRIC ANGLE ADJUSTMENT DEVICE THEREOF **WONDERLAND SWITZERLAND AG** The nature of the amendment is as shown in the statement(s) filed 27 Jun 2025 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2022428601 HEAT EXCHANGER, VENTILATOR, AND METHOD FOR MANUFACTURING HEAT EXCHANGER **DAIKIN INDUSTRIES, LTD.** The nature of the amendment is as shown in the statement(s) filed 25 Jun 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2018

2018368709 **Bruin Biometrics, LLC** The nature of the amendment is as shown in the statement filed 13 Jan 2025

2019

2019211406 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 21 Mar 2025

2019230230 **Applied Molecular Transport Inc.** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 24 Apr 2025

Amendments

2019240688 **Schneider Electric (Australia) Pty Limited** The nature of the amendment is: Application is to proceed under the number 2019240688

2019268820 **Hydrostor Inc.** The nature of the amendment is as shown in the statement filed 03 Apr 2025

2019270613 **RAI Strategic Holdings, Inc.** The nature of the amendment is as shown in the statements filed 06 Mar 2025 and 07 Apr 2025

2020

2020224347 **PGS Geophysical AS** The nature of the amendment is: Amend the invention title to read Marine seismic inline source for near-continuous actuation

2020224347 **PGS Geophysical AS** The nature of the amendment is as shown in the statement filed 25 Mar 2025

2020388260 **SCALDIS ST-MARTIN** The nature of the amendment is: To amend the applicant name to SCALDIS ST-MARTIN

2021

2021221654 **Pheonex Pty Ltd** The nature of the amendment is: To amend the applicant name to Pheonex Pty Ltd

2021221656 **Pheonex Pty Ltd** The nature of the amendment is: To amend the applicant name to Pheonex Pty Ltd

2021226132 **Hanes Innerwear Australia Pty Ltd** The nature of the amendment is as shown in the statement filed 07 Mar 2025

2021236067 **AdvanSix Resins & Chemicals LLC** The nature of the amendment is as shown in the statement filed 14 Mar 2025

2021294687 **Staidson (Beijing) Biopharmaceuticals Co., Ltd.** The nature of the amendment is as shown in the statement filed 04 Apr 2025

2022

202202869 **Universite de Bordeaux; Centre National de la Recherche Scientifique; Institut d'Optique Théorique et Appliquée** The nature of the amendment is as shown in the statement filed 08 Apr 2025

2022210419 **SENECA THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read HALLENBECK, Paul, L.; CHADA, Sunil and FRANCO ACHURY, Lina S.

2022236110 **DAIKIN INDUSTRIES, LTD.** The nature of the amendment is as shown in the statement filed 26 Feb 2025

2022268621 **VusionGroup Deutschland GmbH** The nature of the amendment is: To amend the applicant name to VusionGroup Deutschland GmbH

2022268623 **VusionGroup Deutschland GmbH** The nature of the amendment is: To amend the applicant name to VusionGroup Deutschland GmbH

Amendments

2022269296 **VusionGroup Deutschland GmbH** The nature of the amendment is: To amend the applicant name to VusionGroup Deutschland GmbH

2022269298 **VusionGroup Deutschland GmbH** The nature of the amendment is: To amend the applicant name to VusionGroup Deutschland GmbH

2022298639 **GILEAD SCIENCES, INC.** The nature of the amendment is as shown in the statement filed 27 Mar 2025

2022366938 **CHEP TECHNOLOGY PTY LIMITED** The nature of the amendment is: Amend the name of the inventor to read GEROU, Christopher J.; SOOMRO, Khurram; CONEJO, Sergio; SOOMRO, Moazam and VACA-CASTANO, Gonzalo

2022395001 **TAKEDA PHARMACEUTICAL COMPANY LIMITED** The nature of the amendment is as shown in the statement filed 01 Apr 2025

2022488618 **EBARA CORPORATION** The nature of the amendment is: Amend the invention title to read COUPLING DEVICE FOR RECIPROCATING PUMP

2022488624 **EBARA CORPORATION** The nature of the amendment is: Amend the invention title to read LIQUEFIED-GAS DELIVERY SYSTEM

2023

2023201259 **Canva Pty Ltd** The nature of the amendment is as shown in the statement filed 20 Mar 2025

2023236901 **NG Nordic Finland Oy** The nature of the amendment is: To amend the applicant name to NG Nordic Finland Oy

2023345551 **Kinell GmbH** The nature of the amendment is: To amend the applicant name to Kinell GmbH

2023375513 **AULOS BIOSCIENCE, INC.** The nature of the amendment is as shown in the statement filed 19 Jun 2025

2023383322 **TOSOH CORPORATION** The nature of the amendment is: Amend the invention title to read ELECTROLYTIC MANGANESE DIOXIDE AND METHOD FOR PRODUCING THE SAME AND USE OF THE SAME

2024

2024202561 **AFT Pharmaceuticals Limited; Massey Ventures Limited; Gillies McIndoe Research Institute** The nature of the amendment is: Amend the name of the inventor to read Atkinson, Hartley; Mackay, Sean; Gray, Clint and White, Madeleine

2024210056 **MAX CO., LTD.** The nature of the amendment is: Amend the invention title to read REINFORCING BAR BINDING ROBOT AND CONTROL METHOD THEREOF

2024210398 **MAX CO., LTD.** The nature of the amendment is: Amend the invention title to read REINFORCING BAR BINDING DEVICE

Amendments

2024212180 **LG ELECTRONICS INC.** The nature of the amendment is: Amend the invention title to read Laundry treating apparatus, and method for laundry treating apparatus

2024216754 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Zn-Al-Mg-BASED HOT-DIP PLATED STEEL MEMBER

2024252608 **GLOBALFORCE IP LIMITED; DUFF, W.M.; BETTS, R.; PATERSON, I.C.** The nature of the amendment is as shown in the statement filed 18 Jun 2025

2024350442 **GUANGZHOU SHIYUAN ELECTRONIC TECHNOLOGY COMPANY LIMITED; GUANGZHOU SHIRUI ELECTRONICS CO., LTD.** The nature of the amendment is: Amend the invention title to read Image acquisition apparatus and method for video conferencing, terminal, and storage medium

2024373823 **NANJING CHERVON INDUSTRY CO., LTD.** The nature of the amendment is: Amend the invention title to read BATTERY PACK, POWER TOOL, AND CONNECTION APPARATUS

2025

2025902357 **EMPOWERVERSE PTY.LTD** The nature of the amendment is: To amend the applicant name to EMPOWERVERSE PTY.LTD and EMPOWERVERSE PTY.LTD

2025902358 **EMPOWERVERSE PTY.LTD** The nature of the amendment is: To amend the applicant name to EMPOWERVERSE PTY.LTD

2025902359 **EMPOWERVERSE PTY.LTD** The nature of the amendment is: To amend the applicant name to EMPOWERVERSE PTY.LTD and EMPOWERVERSE PTY.LTD and EMPOWERVERSE PTY.LTD

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

2019

2019332388 **Seiko PMC Corporation** The name of the patentee has been altered to **CHEMIPAZ CORPORATION**

2019375404 **XCOM Labs, Inc.** The name of the patentee has been altered to **Virewirx, Inc.**

2021

2021276853 **iRegene Therapeutics LTD** The name of the patentee has been altered to **IREGENE THERAPEUTICS CO., LTD**

2021407711 **IREGENE THERAPEUTICS LTD** The name of the patentee has been altered to **IREGENE THERAPEUTICS CO., LTD**

2023

2023244474 **UNIVERSITÄT BERN; INSTITUT FÜR VIROLOGIE UND IMMUNOLOGIE (IVI)** The name of the applicant has been altered to **UNIVERSITÄT BERN; INSTITUT FÜR VIROLOGIE UND IMMUNOLOGIE (IVI); Rocketvax AG**

2025

2025204391 **Assa Abloy AB; Halfords IP** The name of the applicant has been altered to **Assa Abloy AB**

Applications Open to Public Inspection

Name Index

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

(71) 3dpromelbourne Pty Ltd
 (11) AU-A-2024203141
 (21) 2024203141 (22) 13.05.2024
 (54) MODULAR ALUMINUM SHELVING SYSTEM FOR ENHANCED VEHICLE AND WORKSHOP STORAGE SOLUTIONS
 (51) Int. Cl.
A47B 47/00 (2006.01)
A47B 53/00 (2006.01)
A47B 57/40 (2006.01)
 (31) 63/616,627 (32) 31.12.23 (33) US
 (43) 17.07.2025
 (72) Uberti, Luke
 (74) 3dpromelbourne Pty Ltd

(71) Abiomed, Inc.
 (11) AU-A-2025204876
 (21) 2025204876 (22) 27.06.2025
 (54) Using natural language processing to find adverse events
 (51) Int. Cl.
G16H 15/00 (2018.01)
 (43) 17.07.2025
 (62) 2019404335
 (72) LIU, Chen; KATERJI, Ahmad El
 (74) Davies Collison Cave Pty Ltd

(71) Acurable Limited
 (11) AU-A-2025204867
 (21) 2025204867 (22) 27.06.2025
 (54) Enclosure for a wearable acoustic monitoring device
 (51) Int. Cl.
A61B 7/04 (2006.01)
A61B 50/00 (2016.01)
 (43) 17.07.2025
 (62) 2019274928
 (72) SYED, Anasa Imtiaz; RODRIGUEZ-VILLEGAS, Esther; BOWYER, Stuart
 (74) Alder IP Pty Ltd

(71) Advanced Accelerator Applications SA
 (11) AU-A-2025204901
 (21) 2025204901 (22) 27.06.2025
 (54) Stable, concentrated radionuclide complex solutions
 (51) Int. Cl.
A61K 51/08 (2006.01)
 (43) 17.07.2025
 (62) 2025202231
 (72) CHICCO, Daniela; BARBATO, Donato; DE PALO, Francesco; FUGAZZA, Lorenza; MARIANI, Maurizio; TESORIERE, Giovanni; BRAMBATI, Clementina
 (74) Davies Collison Cave Pty Ltd

(71) Aeovian Pharmaceuticals, Inc.
 (11) AU-A-2025204768
 (21) 2025204768 (22) 25.06.2025
 (54) MTORC1 MODULATORS AND USES THEREOF
 (51) Int. Cl.
A61P 25/16 (2006.01)
A61P 3/10 (2006.01)
A61P 25/28 (2006.01)
 (43) 17.07.2025
 (62) 2021241718
 (72) KINCAID, John
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Alcon Inc.
 (11) AU-A-2025204899
 (21) 2025204899 (22) 27.06.2025
 (54) Ocular Implant and Delivery System
 (51) Int. Cl.
A61F 9/00 (2006.01)
A61F 9/007 (2006.01)
 (43) 17.07.2025
 (62) 2023204656
 (72) BLANDA, Wendy; SCHIFFMAN, Rhett
 (74) Davies Collison Cave Pty Ltd

(71) ALS THERAPY DEVELOPMENT INSTITUTE
 (11) AU-A-2025204772
 (21) 2025204772 (22) 25.06.2025
 (54) THERAPEUTIC ANTI-CD40 LIGAND ANTIBODIES
 (51) Int. Cl.
C07K 16/28 (2006.01)
 (43) 17.07.2025
 (62) 2018271915
 (72) LUGOVSKOY, Alexey
 (74) AJ PARK

(71) Alvotech hf
 (11) AU-A-2025204773
 (21) 2025204773 (22) 25.06.2025
 (54) Pharmaceutical formulations for adalimumab
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
 (43) 17.07.2025
 (62) 2022202538
 (72) BACHMANN, Gudrun; EDWALD, Elin
 (74) Pearce IP Pty Ltd

(71) Ambrx, Inc.
 (11) AU-A-2025204809
 (21) 2025204809 (22) 26.06.2025
 (54) Humanized anti-prostate-specific membrane antigen (PSMA) antibody drug conjugates
 (51) Int. Cl.

A61P 35/00 (2006.01)
A61K 47/68 (2017.01)
C07K 16/30 (2006.01)
 (43) 17.07.2025
 (62) 2019245444
 (72) BHOWMIK, Shivarupam; WANG, Jining; XIA, Jinming; BRADY, William; TIAN, Feng
 (74) FB Rice Pty Ltd

(71) Amgen Inc.; MedImmune LLC
 (11) AU-A-2025204735
 (21) 2025204735 (22) 24.06.2025
 (54) Treatment of asthma with anti-TSLP antibody
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
C07K 14/715 (2006.01)
 (43) 17.07.2025
 (62) 2018253118
 (72) Parnes, Jane R.; Griffiths, Janet
 (74) Spruson & Ferguson

(71) Amgen Inc.
 (11) AU-A-2025204817
 (21) 2025204817 (22) 26.06.2025
 (54) Robotic system for performing pattern recognition-based inspection of pharmaceutical containers
 (51) Int. Cl.
B65B 3/00 (2006.01)
 (43) 17.07.2025
 (62) 2019314196
 (72) FRADKIN, Dmitry; PEARSON, Thomas Clark; CHAVALI, Neelima; FREUND, Erwin
 (74) Spruson & Ferguson

(71) Amgen Inc.
 (11) AU-A-2025204920
 (21) 2025204920 (22) 30.06.2025
 (54) Magnetic assisted separation apparatuses and related methods
 (51) Int. Cl.
B01L 9/06 (2006.01)
B03C 1/02 (2006.01)
G01N 35/00 (2006.01)
 (43) 17.07.2025
 (62) 2023202243
 (72) SCHULZ, Craig Michael; PROVCHY, Justin James; KAWOOYA, John Kasajja
 (74) Spruson & Ferguson

(71) Angel Group Co., Ltd.
 (11) AU-A-2025204984
 (21) 2025204984 (22) 30.06.2025
 (54) System, chip tray, and method
 (51) Int. Cl.
A63F 11/00 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

G07D 9/02 (2006.01)
G07F 17/32 (2006.01)
(43) 17.07.2025
(62) 2025201130
(72) GÉLINOTTE, Emmanuel Sylvain;
 SOUILLOT, Jonathan; MOLINA, Bern-
 ard; EMERIC, Jason; REED, Jeffrey;
 GRONAU, Gregory; SHIGETA, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) ANTERIS TECHNOLOGIES CORPOR-
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(11) AU-A-2025204875
(21) 2025204875 **(22)** 27.06.2025
(54) SYSTEMS AND METHODS FOR PRE-
 DICTABLE COMMISSURAL ALIGN-
 MENT OF A REPLACEMENT HEART
 VALVE
(51) Int. Cl.
A61F 2/24 (2006.01)
A61F 2/958 (2013.01)
A61M 25/00 (2006.01)
A61M 25/10 (2013.01)
(43) 17.07.2025
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 MURTO, Cameron James Albin; AN-
 DERSON, Edward James; TRAEGER,
 Brad James; PARMET, Payton Kristine;
 PENSA, Nicholas Weldon; DUERR,
 Joseph Allen
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(71) Aristocrat Technologies, Inc.
(11) AU-A-2025204793
(21) 2025204793 **(22)** 25.06.2025
(54) SYSTEMS AND METHODS FOR DIS-
 PLAYING A FREE SPIN COUNT-UP
 AND SUBSEQUENT COUNT-DOWN
(51) Int. Cl.
G07F 17/34 (2006.01)
A63F 9/24 (2006.01)
A63F 13/85 (2014.01)
(43) 17.07.2025
(62) 2023201981
(72) MARSH, David; MARSTON, Daniel
(74) Griffith Hack

(71) Aristocrat Technologies, Inc.
(11) AU-A-2025204997
(21) 2025204997 **(22)** 30.06.2025
(54) MULTI-LEVEL WHEEL WITH SEC-
 ONDARY WHEELS CORRES-
 PONDING TO OUTCOMES TO THE
 PRIMARY WHEEL
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
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 Bradley; PENACHO, Gary; BURCZYK,
 Damien
(74) Griffith Hack

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 Limited
(11) AU-A-2025204794
(21) 2025204794 **(22)** 25.06.2025
(54) GAMING MACHINE AND METHOD
 FOR DISPLAYING AN EXPANDED
 PLURALITY OF ACTIVE SYMBOLS
 ON A MECHANICAL REEL
(51) Int. Cl.
A63F 1/00 (2006.01)
(43) 17.07.2025
(62) 2019226156
(72) CUDDY, Ryan; BERGER, Lyndsay
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
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(21) 2025204887 **(22)** 27.06.2025
(54) SKILL-BASED WAGERING MACHINE
 PROVIDING A PREDETERMINED RE-
 TURN-TO-PLAYER
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 17.07.2025
(62) 2019204057
(72) BOLLING, T. Grant
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2025204894
(21) 2025204894 **(22)** 27.06.2025
(54) PROVIDING A PREDETERMINED
 RETURN-TO-PLAYER FOR A SKILL-
 BASED WAGERING MACHINE
(51) Int. Cl.
G07F 17/34 (2006.01)
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(72) BOLLING, T. Grant
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2025204900
(21) 2025204900 **(22)** 27.06.2025
(54) SYSTEMS AND METHODS FOR
 MODIFYING ONE OR MORE SYM-
 BOLS ON ONE OR MORE STILL-
 SPINNING REELS OF A WAGERING
 GAME
(51) Int. Cl.
G07F 17/34 (2006.01)
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(72) CASEY, Michael
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(71) Aristocrat Technologies Australia Pty
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(21) 2025204904 **(22)** 27.06.2025
(54) GAMING MACHINES AND METHOD
 FOR DISPLAYING BACKGROUNDS
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(51) Int. Cl.

A63F 13/00 (2014.01)
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(11) AU-A-2025204905
(21) 2025204905 **(22)** 27.06.2025
(54) GAMING MACHINE DISPLAY HAVING
 ONE OR MORE CURVED EDGES
(51) Int. Cl.
G06F 3/14 (2006.01)
A63F 13/25 (2014.01)
(43) 17.07.2025
(62) 2019272040
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(71) ARRAY TECHNOLOGIES, INC.
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(21) 2025204871 **(22)** 27.06.2025
(54) STOWING OF PHOTOVOLTAIC MOD-
 ULES FOR HAIL MITIGATION
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H02S 20/32 (2014.01)
H02S 50/10 (2014.01)
(43) 17.07.2025
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(71) Ascendis Pharma A/S
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(21) 2025203953 **(22)** 27.05.2025
(54) Conjugates
(51) Int. Cl.
A61K 38/20 (2006.01)
A61K 47/60 (2017.01)
C07K 1/107 (2006.01)
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 Kennett; BISEK, Nicola; LAUFER,
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(11) AU-A-2025204879
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(54) Retrieval Trailer
(51) Int. Cl.
B60P 3/12 (2006.01)
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(72) Ellement, Nathan John
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A45F 4/02 (2006.01)
A45C 7/00 (2006.01)
A45C 13/02 (2006.01)
A45F 3/04 (2006.01)
A63B 21/055 (2006.01)
A63B 21/065 (2006.01)
A63B 23/04 (2006.01)
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ARINE
(74) NAIPAUL BASSOO
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(21) 2024278186 (22) 06.12.2024
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contoured articles using wood laminae
and method of compressing wood lam-
inae to produce a contoured article
(51) Int. Cl.
B29C 51/26 (2006.01)
B29C 51/10 (2006.01)
B29C 51/18 (2006.01)
(31) 18/403109 (32) 03.01.24 (33) US
(43) 17.07.2025
(72) BATTY, Ronald J.
(74) FPA Patent Attorneys Pty Ltd
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(54) INBOUND AND OUTBOUND CON-
TROL METHOD AND APPARATUS,
INBOUND AND OUTBOUND SYSTEM,
AND STORAGE MEDIUM
(51) Int. Cl.
B65G 1/04 (2006.01)
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(51) Int. Cl.
B65G 1/12 (2006.01)
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(43) 17.07.2025
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(54) PALLET FORK MECHANISM, ART-
ICLE STORING AND RETRIEVING
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SYSTEM
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B65G 1/04 (2006.01)
B66F 9/00 (2006.01)
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Ying; WANG, Zhen
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TİCARET ANONİM ŞİRKETİ
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A47H 23/04 (2006.01)
A47H 23/08 (2006.01)
D03D 1/00 (2006.01)
D03D 11/00 (2006.01)
D03D 15/283 (2021.01)
D03D 15/47 (2021.01)
D03D 15/50 (2021.01)
D03D 25/00 (2006.01)
D06M 10/00 (2006.01)
D06M 17/00 (2006.01)
(31) 2023/019746 (32) 29.12.23 (33) TR
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PHOTOVOLTAIC POWER PLANT IN-
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TATING SHAFT
(51) Int. Cl.
H02S 20/30 (2014.01)
F03B 13/12 (2006.01)
F03B 13/18 (2006.01)
F24S 30/40 (2018.01)
H02S 20/00 (2014.01)
H02S 30/10 (2014.01)
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(54) NUT FOR SECURING A COMPONENT
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(51) Int. Cl.
F16B 37/08 (2006.01)
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(54) Thermo-sensitive payment card
(51) Int. Cl.
G06K 19/077 (2006.01)
B42D 25/20 (2014.01)
G06K 19/07 (2006.01)
G06Q 20/38 (2012.01)
G07F 7/08 (2006.01)
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Ashutosh
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(54) A coupling
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H01R 13/434 (2006.01)
F16G 11/10 (2006.01)
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HARIKUMAR, Akshay Krishna; EVANS,
Bradley; HEARD, Peter
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identification models in a farming ma-
chine
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G05B 19/18 (2006.01)
A01M 7/00 (2006.01)
G06V 10/776 (2022.01)
G06V 20/68 (2022.01)
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(43) 17.07.2025
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icz, Brianne; Padwick, Christopher
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Reese, Filip R.; Denas, Olgert; Bui,
Quan
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(54) Novel Method of Treating Macular De-
generation
(51) Int. Cl.
A61K 38/48 (2006.01)
A61K 39/08 (2006.01)
A61K 45/08 (2006.01)
A61P 27/02 (2006.01)
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(62) 2017370732
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(51) Int. Cl.
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(72) DOAN, Que; ANNECCHINO, Luca
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(54) COMPOSITIONS COMPRISING AN ANTI-LAG-3 ANTIBODY OR AN ANTI-LAG-3 ANTIBODY AND AN ANTI-PD-1 OR ANTI-PD-L1 ANTIBODY
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
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(51) Int. Cl.
A61K 31/01 (2006.01)
A61K 31/015 (2006.01)
A61K 31/05 (2006.01)
A61K 31/352 (2006.01)
A61K 36/00 (2006.01)
A61P 25/00 (2006.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(54) Crystalline norpsilocin compounds
(51) Int. Cl.
A61K 31/403 (2006.01)
A61K 31/404 (2006.01)
A61K 31/4045 (2006.01)
C07D 209/08 (2006.01)
C07D 209/14 (2006.01)
C07D 209/16 (2006.01)
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(54) Devices, systems, and methods for intelligent determination of conversational intent
(51) Int. Cl.
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(54) Method, apparatus and system for encoding and decoding a tensor
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H04N 19/46 (2014.01)
G06N 3/0464 (2023.01)
H04N 19/59 (2014.01)
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(54) Systems and methods for creating editable documents
(51) Int. Cl.
G06T 5/77 (2024.01)
G06T 11/40 (2006.01)
G06T 11/60 (2006.01)
G06V 30/148 (2022.01)
G06V 30/18 (2022.01)
G06V 30/244 (2022.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) MACHINE TRAVEL CONTROL BASED ON VISION SYSTEM HEALTH
(51) Int. Cl.
B60W 60/00 (2020.01)
G05D 1/00 (2006.01)
(31) 18/398693 (32) 28.12.23 (33) US
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(51) Int. Cl.
H01R 24/28 (2011.01)
H01R 24/00 (2011.01)
H01R 24/58 (2011.01)
H01R 24/66 (2011.01)
H01R 35/04 (2006.01)
H01R 13/62 (2006.01)
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(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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(21) 2024287132 (22) 21.12.2024
(54) Tire capable of enhancing tread rigidity and reducing tread noise
(51) Int. Cl.
B60C 11/03 (2006.01)
B60C 19/00 (2006.01)
(31) 112151618 (32) 29.12.23 (33) TW
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(74) A.P.T. Patent and Trade Mark Attorneys

Chinalco Advanced Manufacturing Co., Ltd. see Chinalco Materials Application Research Institution Co., Ltd.
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(51) Int. Cl.
C22F 1/05 (2006.01)
B21B 1/06 (2006.01)
C21D 10/00 (2006.01)
C22C 1/02 (2006.01)
C22C 21/02 (2006.01)
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E21C 25/16 (2006.01)
E21C 25/52 (2006.01)
E21C 29/02 (2006.01)
E21C 35/24 (2006.01)
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 (54) Baby Bed
 (51) Int. Cl.
A47D 7/01 (2006.01)
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 (74) James & Wells Intellectual Property

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 (54) Lipases, compositions, methods and uses thereof
 (51) Int. Cl.
C12N 9/20 (2006.01)
A23C 9/12 (2006.01)
A23C 13/16 (2006.01)
A23C 15/12 (2006.01)
A23C 19/06 (2006.01)
C07K 14/195 (2006.01)
C07K 14/37 (2006.01)

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A61F 5/04 (2006.01)

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G06Q 20/24 (2012.01)
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 (51) Int. Cl.
B65D 51/00 (2006.01)
A61J 1/05 (2006.01)
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 (54) COMPOSITIONS, ASSAYS, AND METHODS FOR TARGETING HDM2 AND HDMX TO REVERSE THE INHIBITION OF p53 IN PEDIATRIC CANCERS
 (51) Int. Cl.
A61K 38/17 (2006.01)
A61K 31/496 (2006.01)
C07K 4/12 (2006.01)
C07K 14/47 (2006.01)

(43) 17.07.2025
 (62) 2022203604
 (72) Walensky, Loren D.; Morgan, Ann Maurine; Stegmaier, Kimberly; Stolte, Björn
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) DLR Newco Limited
 (11) AU-A-2025204930
 (21) 2025204930 (22) 30.06.2025
 (54) A security sheet
 (51) Int. Cl.
B42D 25/24 (2014.01)
B42D 25/36 (2014.01)
B42D 25/455 (2014.01)
B42D 25/46 (2014.01)
 (43) 17.07.2025
 (62) 2023204273
 (72) Dhillon, Baljeet; Sugdon, Matthew; Bobat, Shireen
 (74) Davies Collison Cave Pty Ltd

(71) Dolby International AB
 (11) AU-A-2025204791
 (21) 2025204791 (22) 25.06.2025
 (54) Backward-compatible integration of high frequency reconstruction techniques for audio signals
 (51) Int. Cl.
G10L 19/02 (2013.01)
G10L 19/00 (2013.01)
G10L 19/16 (2013.01)
H04N 19/00 (2014.01)
 (43) 17.07.2025
 (62) 2025201746
 (72) KJOERLING, Kristofer; VILLEMOES, Lars; PURNHAGEN, Heiko; EK-STRAND, Per
 (74) Spruson & Ferguson

(71) Donaldson Company, Inc.
 (11) AU-A-2025204917
 (21) 2025204917 (22) 30.06.2025
 (54) Liquid filter arrangement and methods
 (51) Int. Cl.
B01D 35/16 (2006.01)
B01D 29/21 (2006.01)
B01D 35/30 (2006.01)

(43) 17.07.2025
 (62) 2022291576
 (72) GUSTAFSON, Michael J.; JOSCHER, Kurt; HARDER, David B.; TUCKER, Brian
 (74) FPA Patent Attorneys Pty Ltd

(71) EASI B2B AB
 (11) AU-A-2025204872
 (21) 2025204872 (22) 27.06.2025
 (54) PURCHASE MANAGEMENT SYSTEM AND METHOD
 (51) Int. Cl.
G06Q 20/10 (2012.01)
G06Q 20/40 (2012.01)

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(62) 2019393678
(72) ERIKSSON, Patric
(74) AJ PARK

(71) Eavor Technologies Inc
(11) AU-A-2025204880
(21) 2025204880 (22) 27.06.2025
(54) METHOD FOR FORMING HIGH EFFICIENCY GEOTHERMAL WELLBORES
(51) Int. Cl.
E21B 43/26 (2006.01)
E21B 7/00 (2006.01)
F24T 10/10 (2018.01)

(43) 17.07.2025
(62) 2019203681
(72) TOEWS, Matthew; CAIRNS, Paul; ANDREWS, Peter; CURTIS-SMITH, Andrew; HALE, Jonathan
(74) WRAYS PTY LTD

(71) ECP Entwicklungsgesellschaft mbH
(11) AU-A-2025204853
(21) 2025204853 (22) 27.06.2025
(54) Catheter device with a drive shaft cover
(51) Int. Cl.
A61M 60/135 (2021.01)
A61M 60/824 (2021.01)
(43) 17.07.2025
(62) 2020225351
(72) SIESS, Thorsten; SCHECKEL, Mario; DECKE, Robert; SCHUMACHER, Jörg
(74) Spruson & Ferguson

(71) Elanco Animal Health GmbH
(11) AU-A-2025204678
(21) 2025204678 (22) 20.06.2025
(54) Immunostimulatory oligonucleotides
(51) Int. Cl.
C12N 15/117 (2010.01)
(43) 17.07.2025
(62) 2018385257
(72) ILG, Thomas
(74) Griffith Hack

(71) Eli Lilly and Company
(11) AU-A-2025203018
(21) 2025203018 (22) 29.04.2025
(54) GIPR-Agonist Compounds
(51) Int. Cl.
C07K 14/47 (2006.01)
A61K 38/16 (2006.01)
A61P 3/10 (2006.01)
(43) 17.07.2025
(62) 2020322784
(72) ALSINA-FERNANDEZ, Jorge; GEISER, Andrea Renee; GUO, Lili; KEYSER, Samantha Grace Lyons; LEE, John; QU, Hongchang; ROELL, William Christopher
(74) WRAYS PTY LTD

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(21) 2024278584

(71) EVE Energy Storage Co., Ltd
(11) AU-A-2024278393
(21) 2024278393 (22) 13.12.2024
(54) HIGH VOLTAGE BOX
(51) Int. Cl.
H05K 5/10 (2025.01)
H01M 50/00 (2021.01)
H05K 5/02 (2006.01)
H05K 9/00 (2006.01)
(31) 202323591944.4 (32) 27.12.23 (33) CN
(43) 17.07.2025
(72) HUANG, Mingxiang; SUN, Hui
(74) Remarkable IP

(71) Fasteners For Retail, Inc.
(11) AU-A-2025204835
(21) 2025204835 (22) 26.06.2025
(54) SHELVING SYSTEM AND METHODS
(51) Int. Cl.
A47F 5/10 (2006.01)
A47B 57/00 (2006.01)
(43) 17.07.2025
(62) 2023203232
(72) SMEDLEY, Jamie Aaron; GARDUNO, Gabriel; MERTZ, Billy
(74) Baxter Patent Attorneys Pty Ltd

(71) Fate Therapeutics, Inc.
(11) AU-A-2025204863
(21) 2025204863 (22) 27.06.2025
(54) Cellular reprogramming using temporal and transient plasmid vector expression system
(51) Int. Cl.
C12N 5/074 (2010.01)
C07K 14/005 (2006.01)
C07K 14/47 (2006.01)
(43) 17.07.2025
(62) 2018348142
(72) VALAMEHR, Bahram; ROBINSON, Megan
(74) AJ PARK

(71) Figene, LLC
(11) AU-A-2025204816
(21) 2025204816 (22) 26.06.2025
(54) Fibroblasts and microvesicles thereof for reduction of toxicity associated with cancer immunotherapy
(51) Int. Cl.
A61K 31/517 (2006.01)
C07D 217/14 (2006.01)
C07D 217/16 (2006.01)
(43) 17.07.2025
(62) 2020208472
(72) O'HEERON, Pete; ICHIM, Thomas
(74) FB Rice Pty Ltd

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2025204774
(21) 2025204774 (22) 25.06.2025
(54) NASAL CANNULA AND SECUREMENT SYSTEM
(51) Int. Cl.
A61M 16/06 (2006.01)

(43) 17.07.2025
(62) 2019288940
(72) RONAYNE, Michael Paul; NORTHEY, Anna Rose; HOWARTH, Brad Michael; STANLEY, Leon Tyler; DAVIS, Samuel Rollo Ross; MEECH, Julio Derek; STANTON, James William; MICHELSEN, Larissa Grace; MCGERTY, Oscar Elliot James
(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2025204859
(21) 2025204859 (22) 27.06.2025
(54) CONNECTIONS FOR HUMIDIFICATION SYSTEM
(51) Int. Cl.
A61M 16/16 (2006.01)
(43) 17.07.2025
(62) 2023203958
(72) OSBORNE, Hamish; MILLAR, Gavin Walsh; EVANS, Stephen David; HOLYOAKE, Bruce Gordon; STANTON, James William; McDERMOTT, Gareth Thomas; McKENNA, Nicholas James Michael; NORTON, Myfanwy Jane Antica; ELSWORTH, Adrian John; ANDERSEN, Michael John; GURM, Sandeep Singh; LAMBERT, Jonathan Andrew George; PARIS, Tessa Hazel; GRIFFITHS, Joseph Nathaniel; SI, Ping; SIMS, Christopher Gareth; STOKS, Elmo Benson; CHEUNG, Dexter Chi Lun; SEEKUP, Peter Alan; LIU, Po-Yen David; LANG, Richard Edward; TONKIN, Paul James; KWAN, Ian Lee Wai; McCAULEY, David Leon
(74) AJ PARK

(71) Fiskars Brands, Inc
(11) AU-A-2024278641
(21) 2024278641 (22) 19.12.2024
(54) Cutting board with integrated knife storage
(51) Int. Cl.
A47J 47/00 (2006.01)
B26D 7/20 (2006.01)
(31) 63/616,213 (32) 29.12.23 (33) US
63/620,565 12.01.24 US
(43) 17.07.2025
(72) SHIMANOFF, Lael Abraham; HALLBROOK, Paul Ernest Hoover
(74) GLMR

(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
(11) AU-A-2025204993
(21) 2025204993 (22) 30.06.2025
(54) Method and apparatus for efficient delivery and usage of audio messages for high quality of experience
(51) Int. Cl.
G06F 3/16 (2006.01)
H04N 19/167 (2014.01)
H04N 21/218 (2011.01)
H04N 21/442 (2011.01)
H04N 21/4728 (2011.01)
H04N 21/81 (2011.01)

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H04N 21/845 (2011.01)**(43)** 17.07.2025**(62)** 2023208129**(72)** MURTAZA, Adrian; FUCHS, Harald;
CZELHAN, Bernd; PLOGSTIES, Jan**(74)** Spruson & Ferguson**(71)** Garvan Institute of Medical Research**(11)** AU-A-2025203837**(21)** 2025203837 **(22)** 23.05.2025**(54)** Sequencing controls**(51)** Int. Cl.**C12N 15/00** (2006.01)**C12N 15/01** (2006.01)**C12N 15/11** (2006.01)**C12Q 1/68** (2018.01)**(43)** 17.07.2025**(62)** 2022203184**(72)** Mercer, Timothy**(74)** WRAYS PTY LTD**(71)** GEMPHARMATECH CO., LTD**(11)** AU-A-2024329875**(21)** 2024329875 **(22)** 02.01.2024**(54)** ANIMAL MODEL GENERATING HUMANIZED ANTIBODY AND CONSTRUCTION METHOD THEREOF**(51)** Int. Cl.**A01K 67/0278** (2024.01)**C12N 15/90** (2006.01)**(43)** 17.07.2025**(72)** ZHANG, Mingkun; JU, Cunxiang;
ZHANG, Yuxi; LI, Song; ZHAO, Jing;
GAO, Xiang**(74)** Spruson & Ferguson**(71)** GENERAL ATOMICS AERONAUTICAL
SYSTEMS, INC.**(11)** AU-A-2025204926**(21)** 2025204926 **(22)** 30.06.2025**(54)** Relative Navigation for Aerial Recovery of Aircraft**(51)** Int. Cl.**B64C 39/02** (2023.01)**B64D 3/02** (2006.01)**B64D 5/00** (2006.01)**B64U 70/30** (2023.01)**G01S 19/13** (2010.01)**(43)** 17.07.2025**(62)** 2023304981**(72)** ALLWEIN, Michael Joseph; CHILDERS, David; RICHARDS, Keith; STENCE, Jesse; GOETZ, Tony**(74)** MBIP**(71)** Genzyme Corporation**(11)** AU-A-2025204826**(21)** 2025204826 **(22)** 26.06.2025**(54)** Fc variants with enhanced binding to FcRn and prolonged half-life**(51)** Int. Cl.**C07K 16/00** (2006.01)**A61K 39/00** (2006.01)**(43)** 17.07.2025**(62)** 2019212638**(72)** QIU, Huawei; MACKNESS, Brian**(74)** Griffith Hack**(71)** Georg Fischer Signet LLC**(11)** AU-A-2024278337**(21)** 2024278337 **(22)** 12.12.2024**(54)** PH sensor**(51)** Int. Cl.**G01N 21/80** (2006.01)**(31)** 18/397,428 **(32)** 27.12.23 **(33)** US**(43)** 17.07.2025**(72)** HUANG, Jun; CIOBANU, Calin; WORLEY, Geordon Alexander; FORD, Jerry**(74)** FB Rice Pty Ltd**(71)** Gilead Sciences, Inc.**(11)** AU-A-2025204785**(21)** 2025204785 **(22)** 25.06.2025**(54)** Methods for treating Arenaviridae and Coronaviridae virus infections**(51)** Int. Cl.**A61K 31/53** (2006.01)**A61K 31/664** (2006.01)**A61K 31/675** (2006.01)**A61K 31/683** (2006.01)**A61K 31/685** (2006.01)**A61P 31/12** (2006.01)**(43)** 17.07.2025**(62)** 2023200990**(72)** CLARKE, Michael O'Neil Hanrahan;

FENG, Joy Yang; JORDAN, Robert;

MACKMAN, Richard L.; RAY, Adrian S.;

SIEGEL, Dustin

(74) FPA Patent Attorneys Pty Ltd**(71)** Gilead Sciences, Inc.**(11)** AU-A-2025204882**(21)** 2025204882 **(22)** 27.06.2025**(54)** Quinoline derivatives as alpha4beta7 integrin inhibitors**(51)** Int. Cl.**C07D 215/14** (2006.01)**A61K 31/47** (2006.01)**A61P 29/00** (2006.01)**C07D 215/18** (2006.01)**C07D 215/54** (2006.01)**C07D 401/04** (2006.01)**C07D 401/12** (2006.01)**C07D 401/14** (2006.01)**C07D 405/04** (2006.01)**C07D 405/12** (2006.01)**C07D 405/14** (2006.01)**C07D 409/14** (2006.01)**C07D 413/12** (2006.01)**C07D 413/14** (2006.01)**C07D 417/12** (2006.01)**C07D 417/14** (2006.01)**C07D 471/04** (2006.01)**C07D 475/02** (2006.01)**C07D 491/06** (2006.01)**(43)** 17.07.2025**(62)** 2023204712**(72)** BLOMGREN, Peter A.; CAMPBELL, Taryn; CHANDRASEKHAR, Jayaraman; CLARK, Christopher T.; CODELLI, Julian A.; CURRIE, Kevin S.; KROPF, Jeffrey E.; MOAZAMI, Yasamin; NAVA, Nicole; PATEL, Leena; PERREAULT, Stephane; PERRY, Jason K.; SEDILLO, Kassandra F.; SEEGER, Natalie; STEVENS, Kirk L.; TREIBERG, Jen-

nifer Anne; YEUNG, Suet C.; ZHAO, Zhongdong

(74) FPA Patent Attorneys Pty Ltd**(71)** Glaukos Corporation**(11)** AU-A-2025204784**(21)** 2025204784 **(22)** 25.06.2025**(54)** Implants with controlled drug delivery features and methods of using same**(51)** Int. Cl.**A61F 9/00** (2006.01)**(43)** 17.07.2025**(62)** 2023203402**(72)** Haffner, David S.**(74)** Davies Collison Cave Pty Ltd**(71)** Hanno Werk GmbH & Co. KG**(11)** AU-A-2024278147**(21)** 2024278147 **(22)** 05.12.2024**(54)** Joint-sealing strip**(51)** Int. Cl.**E06B 1/64** (2006.01)**E04B 1/68** (2006.01)**(31)** 23 219 740.0 **(32)** 22.12.23 **(33)** EP**(43)** 17.07.2025**(72)** Hohlfeld, Andreas; Koplin, Tobias**(74)** Koch IP Pty Ltd**(71)** HONEYWELL INTERNATIONAL INC.**(11)** AU-A-2024278346**(21)** 2024278346 **(22)** 12.12.2024**(54)** METHODS FOR IMPROVING GUARD SAFETY IN A CORRECTIONAL FACILITY USING A VIDEO SURVEILLANCE SYSTEM**(51)** Int. Cl.**G06V 20/52** (2022.01)**G06V 40/20** (2022.01)**G08B 19/00** (2006.01)**G08B 21/02** (2006.01)**(31)** 18/403703 **(32)** 03.01.24 **(33)** US**(43)** 17.07.2025**(72)** HOLLA, Chaithanya; ESWARA, Lalitha M.**(74)** FPA Patent Attorneys Pty Ltd**(71)** Hunt, R.**(11)** AU-A-2025204854**(21)** 2025204854 **(22)** 27.06.2025**(54)** Toilet sealing device**(51)** Int. Cl.**A47K 13/24** (2006.01)**(43)** 17.07.2025**(62)** 2020456269**(72)** HUNT, Ryan**(74)** Ascent IP**Icahn School of Medicine at Mount Sinai see New York Stem Cell Foundation, Inc.****(21)** 2025204747**(71)** IGT**(11)** AU-A-2025204838**(21)** 2025204838 **(22)** 26.06.2025

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(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 17.07.2025
(62) 2019246790
(72) Higgins, Kevin M.; Nelson, Dwayne R.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Impact Biomedicines, Inc.
(11) AU-A-2025204914
(21) 2025204914 (22) 30.06.2025
(54) METHODS OF TREATING MYELOPROLIFERATIVE DISORDERS
(51) Int. Cl.
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
(43) 17.07.2025
(62) 2019349652
(72) GERIKE, Torsten Guenter; RIZO, Aleksandra
(74) AJ PARK

(71) Incitec Fertilisers Operations Pty Ltd
(11) AU-A-2025204878
(21) 2025204878 (22) 27.06.2025
(54) An Inhibitor for use in agriculture
(51) Int. Cl.
C05G 3/90 (2020.01)
C05C 9/00 (2006.01)
C05G 5/30 (2020.01)
(43) 17.07.2025
(62) 2024200928
(72) Hughes, Timothy; Khalil, Roya
(74) JMDS IP Pty Ltd

(71) INCYTE HOLDINGS CORPORATION
(11) AU-A-2025204814
(21) 2025204814 (22) 26.06.2025
(54) HETEROCYCLYLAMINES AS PI3K INHIBITORS
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 1/00 (2006.01)
A61P 17/00 (2006.01)
A61P 19/00 (2006.01)
A61P 27/00 (2006.01)
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C07D 487/04 (2006.01)
(43) 17.07.2025
(62) 2022291574
(72) LI, Yun-Long; YAO, Wenqing; COMBS, Andrew P.; YUE, Eddy W.; MEI, Song; ZHU, Wenyu; GLENN, Joseph; MADUSKUIE Jr., Thomas P.; SPARKS, Richard B.; DOUTY, Brent; HE, Chunhong
(74) Houlihan Intellectual Property Pty Ltd

(71) Institute for Research in Biomedicine (IRB); Regeneron Pharmaceuticals, Inc.; Yale University
(11) AU-A-2025204753

(21) 2025204753 (22) 24.06.2025
(54) Humanized SIRPA-IL15 knockin mice and methods of use thereof
(51) Int. Cl.
A01K 67/027 (2024.01)
A01K 39/00 (2006.01)
(43) 17.07.2025
(62) 2022221378
(72) Strowig, Till; Yancopoulos, George D.; Frlita, Davor; De Zoete, Marcel; Herndler-Brandstetter, Dietmar; Flavell, Richard A.; Gurer, Cagan; Stevens, Sean; Shan, Liang; Palm, Noah W.; Manz, Markus Gabriel; Murphy, Andrew J.
(74) Davies Collison Cave Pty Ltd

(71) Intarcia Therapeutics, Inc.
(11) AU-A-2025204716
(21) 2025204716 (22) 23.06.2025
(54) Human amylin analog polypeptides and methods of use
(51) Int. Cl.
C07K 14/575 (2006.01)
A61K 38/22 (2006.01)
(43) 17.07.2025
(62) 2019357621
(72) BLACKWELL, William; SRIVASTAVA, Ved, P.; WAY, James, M.
(74) FB Rice Pty Ltd

(71) Inter-Med, Inc.
(11) AU-A-2024278533
(21) 2024278533 (22) 18.12.2024
(54) SYSTEM OF IN VIVO TESTING FOR RECENTLY VIABLE DENTAL CELLULAR DEBRIS
(51) Int. Cl.
C12Q 1/66 (2006.01)
A61B 10/00 (2006.01)
A61C 3/00 (2006.01)
A61C 15/00 (2006.01)
C12Q 1/04 (2006.01)
G01N 33/52 (2006.01)
(31) 18/401,599 (32) 31.12.23 (33) US
(43) 17.07.2025
(72) Cross, Randolph
(74) Ribeiro IP Limited

(71) IntraBio Ltd.
(11) AU-A-2025204995
(21) 2025204995 (22) 30.06.2025
(54) Leucine, acetyl leucine, and related analogs for treating disease
(51) Int. Cl.
A61K 31/198 (2006.01)
A61P 29/00 (2006.01)
(43) 17.07.2025
(62) 2020231189
(72) FACTOR, Mallory; FIELDS, Taylor
(74) Spruson & Ferguson

(71) Intuit Inc.
(11) AU-A-2024278547
(21) 2024278547 (22) 18.12.2024

(54) Method and system for context-specific generative model answers from context-specific queries
(51) Int. Cl.
G06F 40/20 (2020.01)
G06F 16/245 (2019.01)
G06F 16/903 (2019.01)
G06N 3/02 (2006.01)
G06N 3/08 (2023.01)
(31) 18/980,822 (32) 13.12.24 (33) US
63/616,477 29.12.23 US
(43) 17.07.2025
(72) Sadeq, Nafis; Kang, Byungkyu; Lamba, Prarit; Sahu, Anshuman
(74) Davies Collison Cave Pty Ltd

(71) JINHAI LITHIUM(QINGHAI) CO., LTD.; EVE ENERGY CO., LTD.
(11) AU-A-2024278584
(21) 2024278584 (22) 18.12.2024
(54) SYSTEM AND PROCESS FOR PREPARING REFINED INDUSTRIAL REFINED SODIUM CARBONATE
(51) Int. Cl.
C01D 7/22 (2006.01)
C02F 1/28 (2023.01)
(31) 202311826526.0 (32) 27.12.23 (33) CN
202323584440.X 27.12.23 CN
PCT/ 04.03.24 WO
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(43) 17.07.2025
(72) WANG, Fan; LI, Yingfeng; WANG, Xiaorong; WANG, Jifeng; LI, Yansen; LUAN, Guangqing; WANG, Mian; SANG, Tian; LIU, Jincheng
(74) LexGeneris Pty Ltd

(71) Joy Global Underground Mining LLC
(11) AU-A-2025204803
(21) 2025204803 (22) 25.06.2025
(54) Rock cutting assembly
(51) Int. Cl.
E21C 25/18 (2006.01)
E21C 31/08 (2006.01)
E21D 9/10 (2006.01)
(43) 17.07.2025
(62) 2019309886
(72) DAHER, Nagy; REEVES, Stuart; FRANSEN, Simon; BAGNALL, Eddy; CLAYTON, Andrew Michael; BALOCH, Christian; BOYD, Richard
(74) Griffith Hack

(71) JUNGWOO METAL IND. CO., LTD.
(11) AU-A-2024216421
(21) 2024216421 (22) 12.06.2024
(54) CONNECTING APPARATUS FOR PIPE
(51) Int. Cl.
F16L 21/03 (2006.01)
F16L 19/04 (2006.01)
(31) 10-2024-0000218 (32) 02.01.24 (33) KR
(43) 17.07.2025
(72) PARK, Jae Hong; LEE, Sang Guen; JOO, Hyoung Jun; LEE, Dae Hyun
(74) AJ PARK

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(71) KeyMed (Medical & Industrial Equipment) Limited (11) AU-A-2024287077 (21) 2024287077 (22) 20.12.2024 (54) Medical device accessory (51) Int. Cl. A61B 1/00 (2006.01) (31) 2400012.7 (32) 02.01.24 (33) GB 24221873.3 19.12.24 EP (43) 17.07.2025 (72) BAYER, Andreas; JOWITT, Jordan (74) BOSH IP Pty Ltd	PER BATTERY SEPARATOR AND A PAPER BATTERY COMPRISING THE SAME (51) Int. Cl. C08J 3/075 (2006.01) C08F 220/56 (2006.01) H01M 10/0565 (2010.01) H01M 50/411 (2021.01) (31) 10202303678T (32) 29.12.23 (33) SG (43) 17.07.2025 (72) Charles, Carlo Emmanuel (74) ET Intellectual Property	A61K 31/555 (2006.01) A61K 39/395 (2006.01) A61K 45/00 (2006.01) A61K 47/54 (2017.01) A61K 51/04 (2006.01) A61P 35/00 (2006.01) (43) 17.07.2025 (62) 2018338322 (72) WU, Zhihao; XU, Hong; CHEUNG, Nai-Kong (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
(71) Komatsu Ltd. (11) AU-A-2025204922 (21) 2025204922 (22) 30.06.2025 (54) Unmanned vehicle, system of controlling unmanned vehicle, and method of controlling unmanned vehicle (51) Int. Cl. G05D 1/20 (2024.01) (43) 17.07.2025 (62) 2022347897 (72) AMANO, Ryota (74) Spruson & Ferguson	(71) MAF Agrobotic (11) AU-A-2025204891 (21) 2025204891 (22) 27.06.2025 (54) METHOD AND DEVICE FOR OPTICALLY ANALYSING FRUIT OR VEGETABLES AND DEVICE FOR AUTOMATIC SORTING (51) Int. Cl. G01N 21/85 (2006.01) (43) 17.07.2025 (62) 2023203123 (72) Blanc, Philippe (74) Halfords IP	(71) Merus N.V. (11) AU-A-2025204836 (21) 2025204836 (22) 26.06.2025 (54) Combinations of binding moieties that bind EGFR, HER2 and HER3. (51) Int. Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) C07K 16/32 (2006.01) A61K 39/00 (2006.01) (43) 17.07.2025 (62) 2020222749 (72) GEUIJEN, Cecilia Anna Wilhelmina; GALLENNÉ, Tristan Louis Jean; THROSBY, Mark; DE KRUIF, Cornelis Adriaan (74) Spruson & Ferguson
(71) KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION; SUMITOMO METAL MINING CO., LTD. (11) AU-A-2025204929 (21) 2025204929 (22) 30.06.2025 (54) Mineral processing method (51) Int. Cl. C22B 1/11 (2006.01) B03D 1/008 (2006.01) B03D 1/012 (2006.01) C22B 1/00 (2006.01) C22B 15/00 (2006.01) B03D 101/02 (2006.01) B03D 103/02 (2006.01) (43) 17.07.2025 (62) 2022408359 (72) HIRAJIMA, Tsuyoshi; MIKI, Hajime; SUYANTARA, Gde Pandhe Wisnu; SASAKI, Keiko; TANAKA, Yoshiyuki; TAKIDA, Eri (74) Davies Collison Cave Pty Ltd	(71) MasterCard International Incorporated (11) AU-A-2025204928 (21) 2025204928 (22) 30.06.2025 (54) Methods and systems for secure product tracking data storage and verification (51) Int. Cl. G06Q 20/38 (2012.01) G06Q 20/20 (2012.01) G06Q 20/40 (2012.01) G06Q 20/42 (2012.01) (43) 17.07.2025 (62) 2019386621 (72) COLLINS, Robert; ELDER, Stephen; FLEMING, David James (74) Davies Collison Cave Pty Ltd	(71) Merus N.V. (11) AU-A-2025204857 (21) 2025204857 (22) 27.06.2025 (54) Producing compositions comprising two or more antibodies (51) Int. Cl. C07K 16/00 (2006.01) C07K 1/18 (2006.01) C07K 16/06 (2006.01) C07K 16/30 (2006.01) C07K 16/46 (2006.01) (43) 17.07.2025 (62) 2020221649 (72) DOORNBOS, Robert Paul; BAKKER, Alexander Berthold Hendrik (74) FPA Patent Attorneys Pty Ltd
(71) Lucid Software, Inc (11) AU-A-2025204830 (21) 2025204830 (22) 26.06.2025 (54) Dynamic Graphical Containers (51) Int. Cl. G06Q 10/10 (2023.01) G06Q 50/10 (2012.01) (43) 17.07.2025 (62) 2022261060 (72) CHEN, PinEn; CHUNG, Jarom, Yanming; PHADNIS, Saurabh, Sudhir; ROSENBERG, Cole (74) FB Rice Pty Ltd	(71) Maytronics Ltd. (11) AU-A-2024287210 (21) 2024287210 (22) 24.12.2024 (54) Detachable Fluid Distributer (51) Int. Cl. E04H 4/16 (2006.01) (31) 309835 (32) 28.12.23 (33) IL (43) 17.07.2025 (72) Yosef, Binyamin; Chovers, Tom (74) MBIP	(71) Merus N.V. (11) AU-A-2025204877 (21) 2025204877 (22) 27.06.2025 (54) CD3 binding molecules (51) Int. Cl. C07K 16/28 (2006.01) (43) 17.07.2025 (62) 2020254215 (72) VAN LOO, Pieter Fokko (74) FPA Patent Attorneys Pty Ltd
(71) MADEBYFLINT Pte. Ltd. (11) AU-A-2024287128 (21) 2024287128 (22) 20.12.2024 (54) HYDROGEL COMPOSITION, HYDROGEL-REINFORCED CELLULOSE PA-	(71) Memorial Sloan Kettering Cancer Center (11) AU-A-2025204844 (21) 2025204844 (22) 26.06.2025 (54) A33 antibody compositions and methods of using the same in radioimmunotherapy (51) Int. Cl.	(71) Metso Finland Oy (11) AU-A-2025204802 (21) 2025204802 (22) 25.06.2025 (54) System for Forecasting Wear and a Wear Sensor (51) Int. Cl. F16D 66/02 (2006.01) G01B 7/16 (2006.01)

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G01N 3/56 (2006.01)
G01N 27/04 (2006.01)
(43) 17.07.2025
(62) 2019348191
(72) CALLAGHAN, Mark; HOUSTON, Rodney
(74) WRAYS PTY LTD

(71) NATIONAL INSTITUTES FOR QUANTUM SCIENCE AND TECHNOLOGY
(11) AU-A-2025204865
(21) 2025204865 **(22)** 27.06.2025
(54) Method for producing inorganic solution, and apparatus for producing inorganic solution
(51) Int. Cl.
C01F 3/00 (2006.01)
C01D 15/02 (2006.01)
C01D 15/08 (2006.01)
C22B 3/06 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
C22B 35/00 (2006.01)
(43) 17.07.2025
(62) 2022234161
(72) NAKAMICHI, Masaru; NAKANO, Suguru; KIM, Jaehwan; HWANG, Taehyun
(74) IP SOLVED (ANZ) PTY. LTD.

(71) NEOSSENS AUSTRALIA PTY LTD
(11) AU-A-2024204667
(21) 2024204667 **(22)** 05.07.2024
(54) IMPROVED TYRE PRESSURE SENSOR
(51) Int. Cl.
B60C 23/04 (2006.01)
(43) 17.07.2025
(62) 2023286032
(72) Dellevergini, Sandy; Sturtevant, Troy; Di Pasquale, Alfonso
(74) Churchill Attorneys

(71) New York Stem Cell Foundation, Inc.; Icahn School of Medicine at Mount Sinai
(11) AU-A-2025204747
(21) 2025204747 **(22)** 24.06.2025
(54) Method and composition for generating basal forebrain cholinergic neurons (BFCNs)
(51) Int. Cl.
C12N 5/0735 (2010.01)
C12N 5/074 (2010.01)
C12N 5/0797 (2010.01)
G01N 33/50 (2006.01)
(43) 17.07.2025
(62) 2018272068
(72) NOGGLE, Scott; ORTIZ-VIRUMBRALES, Maitane; GANDY, Sam; KRUGLIKOV, Ilya; EHRlich, Michelle
(74) FB Rice Pty Ltd

(71) Next Space Inc.
(11) AU-A-2024287251
(21) 2024287251 **(22)** 30.12.2024

(54) MINIATURIZED COUPLINGS FOR JEWELRY COMPONENTS
(51) Int. Cl.
A44C 5/20 (2006.01)
(31) 18/401,596 **(32)** 31.12.23 **(33)** US
(43) 17.07.2025
(72) Barnard, Timothy; Chen, Dillon
(74) James & Wells Intellectual Property

(71) Next Space Inc.
(11) AU-A-2024287259
(21) 2024287259 **(22)** 30.12.2024
(54) Miniaturized Couplings for Jewelry Components
(51) Int. Cl.
A44C 5/20 (2006.01)
(31) 18/401,596 **(32)** 31.12.23 **(33)** US
(43) 17.07.2025
(72) Barnard, Timothy; Chen, Dillon
(74) Chrysiliou IP

(71) Nocira, LLC
(11) AU-A-2025204885
(21) 2025204885 **(22)** 27.06.2025
(54) External ear canal pressure regulation device
(51) Int. Cl.
A61F 11/00 (2022.01)
(43) 17.07.2025
(62) 2022204935
(72) GEORGE, David; BUCKLER, George; CROWN, Timothy A.; SULLIVAN, David Brice
(74) FPA Patent Attorneys Pty Ltd

(71) Novamera Inc.
(11) AU-A-2025204778
(21) 2025204778 **(22)** 25.06.2025
(54) METHOD AND SYSTEM FOR MINING
(51) Int. Cl.
E21C 27/22 (2006.01)
E21B 7/04 (2006.01)
E21B 7/28 (2006.01)
E21B 21/00 (2006.01)
(43) 17.07.2025
(62) 2019431540
(72) BUTT, Stephen Douglas; CRAMM, Alan R.; DE MOURA JUNIOR, Jeronimo; SAID, Mohammed Mokhtar Ebeid
(74) James & Wells Intellectual Property

(71) Nunhems B.V.
(11) AU-A-2024287172
(21) 2024287172 **(22)** 23.12.2024
(54) Lettuce variety NUN 10008 LTL
(51) Int. Cl.
A01H 6/14 (2018.01)
A01H 5/12 (2018.01)
(31) 63/614084 **(32)** 22.12.23 **(33)** US
(43) 17.07.2025
(72) van Zee, Johan
(74) Davies Collison Cave Pty Ltd

(71) Ocado Innovation Limited
(11) AU-A-2025204812
(21) 2025204812 **(22)** 26.06.2025

(54) A Grid Framework Structure
(51) Int. Cl.
B65G 1/04 (2006.01)
B66C 7/08 (2006.01)
E04B 1/24 (2006.01)
(43) 17.07.2025
(62) 2021324116
(72) NOAR, Benjamin Arthur Portnoy; KAROLINCZAK, Pawel; INGRAM-TEDD, Andrew; MILLWARD, Stephen; PATON, Christopher James
(74) James & Wells Intellectual Property

(71) One World LED Pty Ltd
(11) AU-A-2025204850
(21) 2025204850 **(22)** 26.06.2025
(54) MEDIA CONTROL METHOD AND SYSTEM
(51) Int. Cl.
G06Q 30/02 (2023.01)
(43) 17.07.2025
(62) 2023204174
(72) Rafizadeh, Schumann; Muller, Tanami Derek; Rafizadeh, Darius Sean; Peterson, Benjamin Michael
(74) Madderns Pty Ltd

(71) OroraTech GmbH
(11) AU-A-2024287199
(21) 2024287199 **(22)** 24.12.2024
(54) Burnt area detection based on infrared image data
(51) Int. Cl.
G06T 7/62 (2017.01)
G01J 5/48 (2022.01)
G06T 5/80 (2024.01)
(31) LU505972 **(32)** 29.12.23 **(33)** LU
(43) 17.07.2025
(72) RASHKOVETSKY, Dmitry; BERECHSKY, Max; WALDENMAIER, Alexander
(74) Griffith Hack

(71) PEGASUS SOLAR INC
(11) AU-A-2025201085
(21) 2025201085 **(22)** 03.01.2025
(54) MULTI-SUBSTRATE FASTENER
(51) Int. Cl.
F16B 25/00 (2006.01)
F16B 5/02 (2006.01)
F16B 33/02 (2006.01)
F16B 35/04 (2006.01)
(31) 63/617,764 **(32)** 04.01.24 **(33)** US
(43) 17.07.2025
(72) STEPHAN, Erich Kai; WOGAN, Ian; LENNOX, Ian
(74) PHILLIPS ORMONDE FITZPATRICK

Pfizer Inc. see Verastem, Inc.
(21) 2025204843

(71) Physio-Control, Inc.
(11) AU-A-2024278283
(21) 2024278283 **(22)** 11.12.2024
(54) Medical device with modifiable sonifications
(51) Int. Cl.

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A61B 5/00 (2006.01)
(31) 63/615,836 **(32)** 29.12.23 **(33)** US
(43) 17.07.2025
(72) Walker, Robert; Smith, Robert
(74) Davies Collison Cave Pty Ltd

(71) Physio-Control, Inc.
(11) AU-A-2024278623
(21) 2024278623 **(22)** 19.12.2024
(54) Systems, methods, and apparatus for detecting the end of life of a battery
(51) Int. Cl.
G01R 31/392 (2019.01)
A61N 1/39 (2006.01)
G01R 31/28 (2006.01)
G01R 31/382 (2019.01)
H01M 10/42 (2006.01)
H01M 10/48 (2006.01)
H01M 50/569 (2021.01)
(31) 18/980,948 **(32)** 13.12.24 **(33)** US
 63/616,383 29.12.23 US
(43) 17.07.2025
(72) Rutzer, Mark; Nordness, Rocky; Apperson, Ryan; Edmonson, Kristina; Bartlett, Chad
(74) Davies Collison Cave Pty Ltd

(71) Quartus Engineering, Inc.
(11) AU-A-2025204828
(21) 2025204828 **(22)** 26.06.2025
(54) STERILIZABLE WIRELESS COMMUNICATION DEVICES
(51) Int. Cl.
A61N 1/372 (2006.01)
A61N 1/00 (2006.01)
A61N 1/375 (2006.01)
(43) 17.07.2025
(62) 2024200986
(72) Hoglund, David H.; Anderson, Wayne; Perry, John J.; Karch, Michael M.; Park, Laura; Dohring, Edward J.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Qurient Co., Ltd.
(11) AU-A-2025204851
(21) 2025204851 **(22)** 27.06.2025
(54) Different forms of 6-chloro-2-ethyl-N-(4-(4-(trifluoromethoxy)phenyl)piperidine-1-yl)benzyl)imidazo[1,2-a]pyridine-3-carboxamide
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4545 (2006.01)
A61P 31/04 (2006.01)
A61P 31/06 (2006.01)
(43) 17.07.2025
(62) 2019459233
(72) NAM, Kiyeon; KIM, Jaeseung; JUNG, Chunwon; LEE, Saeyeon
(74) RnB IP Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2025204751
(21) 2025204751 **(22)** 24.06.2025

(54) NON-HUMAN ANIMALS HAVING A HUMANIZED CLUSTER OF DIFFERENTIATION 274 GENE
(51) Int. Cl.
C07K 16/28 (2006.01)
A01K 67/027 (2024.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/22 (2006.01)
C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
(43) 17.07.2025
(62) 2021286369
(72) Burova, Elena; Tang, Yajun; Lai, Ka-Man Venus; Murphy, Andrew J.
(74) PHILLIPS ORMONDE FITZPATRICK

Regeneron Pharmaceuticals, Inc. see Institute for Research in Biomedicine (IRB)
(21) 2025204753

(71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2025204933
(21) 2025204933 **(22)** 30.06.2025
(54) Compositions and methods for detecting a biological contaminant
(51) Int. Cl.
C12Q 1/68 (2018.01)
C12Q 1/70 (2006.01)
(43) 17.07.2025
(62) 2022246398
(72) MONPOEHO, Serge; MINK, Sheldon; VESCIO, Paul
(74) Spruson & Ferguson

Regenxbio Inc. see The Trustees of the University of Pennsylvania
(21) 2025204780

(71) S&A Group Holdings Limited
(11) AU-A-2025204892
(21) 2025204892 **(22)** 27.06.2025
(54) A mobile autonomous agricultural system
(51) Int. Cl.
G06V 20/58 (2022.01)
B60W 30/09 (2012.01)
B60W 60/00 (2020.01)
G01S 17/86 (2020.01)
G05D 1/02 (2020.01)
G05D 1/08 (2006.01)
G06F 18/22 (2023.01)
G06T 7/246 (2017.01)
G06V 20/64 (2022.01)
(43) 17.07.2025
(62) 2023201664
(72) PALMER, Edward John Francis; KOTTERI, Jithesh; OWENS, Austin William; PERRETT, Daniel John Owen
(74) FB Rice Pty Ltd

(71) Saban Ventures Pty Limited
(11) AU-A-2025204800
(21) 2025204800 **(22)** 25.06.2025
(54) Clamp for a medical device
(51) Int. Cl.

A61M 39/28 (2006.01)
(43) 17.07.2025
(62) 2019290029
(72) LEA, Stephen; JONES, Richard
(74) Spruson & Ferguson

(71) SAFE TC PTY LTD
(11) AU-A-2024287164
(21) 2024287164 **(22)** 23.12.2024
(54) Traffic signage cover
(51) Int. Cl.
G09F 13/22 (2006.01)
E01F 9/615 (2016.01)
G08G 1/09 (2006.01)
(31) 2024900008 **(32)** 02.01.24 **(33)** AU
(43) 17.07.2025
(72) Tonkin, Andrew
(74) Davies Collison Cave Pty Ltd

(71) Sage Products, LLC
(11) AU-A-2025205001
(21) 2025205001 **(22)** 30.06.2025
(54) Oral care system and packaging
(51) Int. Cl.
A46B 11/00 (2006.01)
A45D 44/18 (2006.01)
A46B 15/00 (2006.01)
A47K 5/18 (2006.01)
(43) 17.07.2025
(62) 2023202391
(72) FOWLER, Paul M.; CAGLE, Ronald C.; SEBASTIAN, Theresa L.; RAPINCHUK, Timothy J.; BOULOS, Catherine S.; PATEL, Abhi R.
(74) FB Rice Pty Ltd

(71) SAMYANG CORPORATION
(11) AU-A-2024374501
(21) 2024374501 **(22)** 20.06.2024
(54) SACCHARIDE SYRUP COMPOSITION WITH IMPROVED PROPERTY AND FUNCTIONALITY
(51) Int. Cl.
A23L 29/30 (2016.01)
(31) 10-2024-0001776 **(32)** 04.01.24 **(33)** KR
(43) 17.07.2025
(72) LEE, Hyeonhwa; SEO, Il; KIM, Yong-In; LEE, Seung Mi; LIM, Hye Jin; CHOI, Hyun Shik
(74) Davies Collison Cave Pty Ltd

(71) SAP SE
(11) AU-A-2024227068
(21) 2024227068 **(22)** 03.10.2024
(54) Automated graphical user interface customization based on brand colors
(51) Int. Cl.
G06F 40/154 (2020.01)
G06F 8/30 (2018.01)
G06N 3/02 (2006.01)
G06N 5/00 (2023.01)
G06Q 30/0601 (2023.01)
G06T 7/90 (2017.01)
(31) 18/402,256 **(32)** 02.01.24 **(33)** US
(43) 17.07.2025
(72) KLUG, David; SCHREIBER, Dominik
(74) Griffith Hack

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(71) Schneider Electric (Australia) Pty Limited

(11) AU-A-2025204799

(21) 2025204799 (22) 25.06.2025

(54) SWITCH INTERFACE ELEMENT

(51) Int. Cl.

H01H 13/14 (2006.01)

H01H 3/00 (2006.01)

H01H 3/02 (2006.01)

H01H 9/08 (2006.01)

H01H 13/50 (2006.01)

H01H 13/58 (2006.01)

H01H 23/02 (2006.01)

H01H 23/14 (2006.01)

H01H 23/24 (2006.01)

H02G 3/08 (2006.01)

H02G 3/14 (2006.01)

(43) 17.07.2025

(62) 2019240688

(72) Juhasz, Elizabeth Tunde; Lifran, Xavier

(74) Madderns Pty Ltd

(71) Seminis Vegetable Seeds, Inc.

(11) AU-A-2024287252

(21) 2024287252 (22) 30.12.2024

(54) Lettuce Variety SVLD0093

(51) Int. Cl.

A01H 6/14 (2018.01)

A01H 5/12 (2018.01)

(31) 18/401,068 (32) 29.12.23 (33) US

(43) 17.07.2025

(72) DELANNAY, Isabelle

(74) Davies Collison Cave Pty Ltd

(71) SHANDONG UNIVERSITY

(11) AU-A-2024287197

(21) 2024287197 (22) 24.12.2024

(54) METHOD AND SYSTEM FOR OPTIMIZING AND CONTROLLING COLLABORATIVE OPERATION OF INTEGRATED ENERGY SYSTEM CONTAINING COMPLETE HYDROGEN ENERGY CHAIN

(51) Int. Cl.

G06Q 10/06 (2023.01)

C25B 1/04 (2021.01)

G06Q 50/06 (2024.01)

(31) 2023118733059 (32) 29.12.23 (33) CN

(43) 17.07.2025

(72) LU, Tianguang; YI, Xinning; HE, Xing; DING, Zhaohao; WANG, Fei; LI, Rui; YANG, Yueping; LIN, Wenyu; FANG, Yunhui; GAO, Yunjun

(74) Collison & Co

(71) Shanghai Zheyue Biotechnology Co. Ltd.

(11) AU-A-2025204788

(21) 2025204788 (22) 25.06.2025

(54) NITROGEN-CONTAINING HETERO-CYCLIC PYRIDINE COMPOUND

(51) Int. Cl.

A61K 31/501 (2006.01)

A61K 31/4439 (2006.01)

A61K 31/444 (2006.01)

A61K 31/53 (2006.01)

A61P 1/00 (2006.01)

A61P 17/00 (2006.01)

A61P 17/06 (2006.01)

A61P 19/02 (2006.01)

A61P 29/00 (2006.01)

A61P 35/00 (2006.01)

A61P 37/00 (2006.01)

C07D 403/12 (2006.01)

(43) 17.07.2025

(62) 2022268464

(72) Zhang, Qiang; Du, Fengtian; Yang, Xiangyu

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Sheltered Wings, Inc. d/b/a Vortex Optics

(11) AU-A-2025204781

(21) 2025204781 (22) 25.06.2025

(54) Dual focal plane reticles for optical sighting devices

(51) Int. Cl.

F41G 1/34 (2006.01)

F41G 1/38 (2006.01)

(43) 17.07.2025

(62) 2023202468

(72) HAMILTON, David M.; HAMILTON, Samuel J.

(74) Spruson & Ferguson

(71) SINOWAY FOREST TECHNOLOGY CO., LTD

(11) AU-A-2024227728

(21) 2024227728 (22) 12.03.2024

(54) TECHNIQUE FOR AFFORESTATION BY AERIAL SEEDING OF PELLETTED PLANT SEED UNDER NORMAL PRECIPITATION CONDITIONS

(51) Int. Cl.

A01C 1/00 (2006.01)

(31) 202311824433.4 (32) 28.12.23 (33) CN

(43) 17.07.2025

(72) WANG, Xinpeng; YANG, Jianpeng; PANG, Guocong; JIA, Xiongwei; WANG, Junlin

(74) Madderns Pty Ltd

(71) Sonos, Inc.

(11) AU-A-2025204931

(21) 2025204931 (22) 30.06.2025

(54) Generating digital media based on blockchain data

(51) Int. Cl.

H04N 21/43 (2011.01)

G06Q 30/00 (2023.01)

G10H 1/00 (2006.01)

H04N 21/436 (2011.01)

H04N 21/439 (2011.01)

H04N 21/485 (2011.01)

H04N 21/835 (2011.01)

(43) 17.07.2025

(62) 2023272076

(72) WILBERDING, Dayn; MCALLISTER, Gregory; BELLO, Ryan Michael; BUTTS, Christopher D.

(74) Spruson & Ferguson

(71) STCube & Co., Inc.

(11) AU-A-2025204722

(21) 2025204722 (22) 23.06.2025

(54) Antibodies and molecules that immunospecifically bind to BTN1A1 and the therapeutic uses thereof

(51) Int. Cl.

C07K 16/28 (2006.01)

(43) 17.07.2025

(62) 2018277838

(72) YOO, Stephen, Sunghan; CHUNG, Ezra, Myung, Chul; BONG, Yong-Sik; KIM, Yong-Soo; PARK, Andrew, H.

(74) FB Rice Pty Ltd

(71) Stryker Corporation

(11) AU-A-2024278239

(21) 2024278239 (22) 10.12.2024

(54) Systems and methods of utilizing removable defibrillator cartridges

(51) Int. Cl.

A61N 1/39 (2006.01)

A61B 5/24 (2021.01)

A61N 1/04 (2006.01)

(31) 63/615,461 (32) 28.12.23 (33) US

(43) 17.07.2025

(72) DONAGHY, Dymphna Mary; ANDERSON, John Houston

(74) Griffith Hack

(71) Stryker Corporation

(11) AU-A-2024278245

(21) 2024278245 (22) 10.12.2024

(54) Systems and methods for conveying complex medical device operation instructions

(51) Int. Cl.

G06F 3/04817 (2022.01)

A61B 5/318 (2021.01)

A61B 5/339 (2021.01)

A61N 1/39 (2006.01)

(31) 63/616,439 (32) 29.12.23 (33) US

(43) 17.07.2025

(72) DONAGHY, Dymphna Mary; ANDERSON, John Houston

(74) Griffith Hack

(71) STRYKER EUROPEAN OPERATIONS HOLDINGS LLC

(11) AU-A-2025204829

(21) 2025204829 (22) 26.06.2025

(54) Surgical sagittal blade cartridge with a reinforced guide bar

(51) Int. Cl.

A61B 17/14 (2006.01)

B27B 19/00 (2006.01)

(43) 17.07.2025

(62) 2023201720

(72) Mac An Tuile, Conor; Walen, James G.

(74) Davies Collison Cave Pty Ltd

SUMITOMO METAL MINING CO., LTD. see KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION

(21) 2025204929

(71) Sungrow Power Supply Co., Ltd.

(11) AU-A-2024202777

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- (21) 2024202777 (22) 29.04.2024
(54) Method and apparatus for correcting capacity of battery module, and computer device
(51) Int. Cl.
G01R 31/36 (2020.01)
G01R 31/3842 (2019.01)
G01R 31/396 (2019.01)
(31) 202311830576.6 (32) 27.12.23 (33) CN
(43) 17.07.2025
(72) HU, Yongbing; LIANG, Dongyu
(74) Davies Collison Cave Pty Ltd
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- (71) Sunresin New Materials Co. Ltd.
(11) AU-A-2024270643
(21) 2024270643 (22) 03.12.2024
(54) Chromatography Media For Removal Of Polyphenol Substances And Preparation Method Thereof
(51) Int. Cl.
C08F 26/08 (2006.01)
B01J 20/26 (2006.01)
B01J 20/28 (2006.01)
C08F 2/18 (2006.01)
(31) 202311857225.4 (32) 29.12.23 (33) CN
(43) 17.07.2025
(72) LI, Chenhui; LI, Yanjun; LIU, Long; WANG, Kai; WANG, Mingxi
(74) WRAYS PTY LTD
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- (71) SystImmune, Inc.
(11) AU-A-2025204860
(21) 2025204860 (22) 27.06.2025
(54) Multi-specific antibodies and methods of making and using thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
G01N 33/68 (2006.01)
(43) 17.07.2025
(62) 2018295118
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(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2025205000
(21) 2025205000 (22) 30.06.2025
(54) Apixaban Film Product And Uses Thereof
(51) Int. Cl.
A61K 31/33 (2006.01)
A61K 31/445 (2006.01)
A61K 31/4523 (2006.01)
A61K 31/00 (2006.01)
(43) 17.07.2025
(62) 2022288053
(72) LEE, Catherine; LU, Tachien
(74) WRAYS PTY LTD
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- (71) Takeda Pharmaceutical Company Limited
(11) AU-A-2025204840
(21) 2025204840 (22) 26.06.2025
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- (54) Inhibitors of plasma Kallikrein and uses thereof
(51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/4025 (2006.01)
A61K 31/427 (2006.01)
A61P 7/10 (2006.01)
C07D 417/04 (2006.01)
C07D 417/14 (2006.01)
(43) 17.07.2025
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(74) Spruson & Ferguson
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(11) AU-A-2025200023
(21) 2025200023 (22) 02.01.2025
(54) Assisted Steering System For Lawn Maintenance Vehicle
(51) Int. Cl.
A01D 34/00 (2006.01)
A01D 69/02 (2006.01)
(31) 63/617,187 (32) 03.01.24 (33) US
(43) 17.07.2025
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(74) WRAYS PTY LTD
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(11) AU-A-2025200030
(21) 2025200030 (22) 03.01.2025
(54) Hazard light
(51) Int. Cl.
F21L 4/02 (2006.01)
F21V 21/30 (2006.01)
(31) 63/617,108 (32) 03.01.24 (33) US
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(11) AU-A-2025204146
(21) 2025204146 (22) 03.06.2025
(54) Adjuvant effect of the TLR1/2 agonist diprovocim synergizes with checkpoint-inhibiting antibodies to eliminate disease
(51) Int. Cl.
A61K 31/4025 (2006.01)
A61K 9/08 (2006.01)
A61K 45/06 (2006.01)
A61P 31/04 (2006.01)
A61P 35/00 (2006.01)
(43) 17.07.2025
(62) 2019315952
(72) BEUTLER, Bruce; WANG, Ying
(74) FPA Patent Attorneys Pty Ltd
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- (71) THE CHINESE UNIVERSITY OF HONG KONG
(11) AU-A-2024200565
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- (21) 2024200565 (22) 30.01.2024
(54) A METHOD FOR REVERSING BODY-WIDE AGE-ASSOCIATED FUNCTIONAL CHANGES
(51) Int. Cl.
A61K 38/26 (2006.01)
A61K 31/453 (2006.01)
A61K 31/454 (2006.01)
A61K 31/4545 (2006.01)
A61P 1/00 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 21/00 (2006.01)
A61P 25/28 (2006.01)
A61P 43/00 (2006.01)
(31) 18/394,367 (32) 22.12.23 (33) US
(43) 17.07.2025
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(74) MBIP
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(11) AU-A-2025204881
(21) 2025204881 (22) 27.06.2025
(54) Non-coding RNA for detection of cancer
(51) Int. Cl.
C12N 15/113 (2010.01)
C12Q 1/68 (2018.01)
(43) 17.07.2025
(62) 2018364987
(72) GOODARZI, Hani
(74) FB Rice Pty Ltd
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- (71) The Texas A&M University System
(11) AU-A-2025204798
(21) 2025204798 (22) 25.06.2025
(54) Compositions for the treatment of copper deficiency and methods of use
(51) Int. Cl.
A61K 31/17 (2006.01)
A61K 31/175 (2006.01)
A61K 31/30 (2006.01)
A61K 31/4745 (2006.01)
A61K 45/06 (2006.01)
A61P 25/02 (2006.01)
A61P 25/14 (2006.01)
(43) 17.07.2025
(62) 2019300031
(72) SOMA, Shivatheja; GOHIL, Vishal M.; SACCHETTINI, James C.; GUTHRIE, Liam
(74) Spruson & Ferguson
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- (71) The Trustees of the University of Pennsylvania; Regenxbio Inc.
(11) AU-A-2025204780
(21) 2025204780 (22) 25.06.2025
(54) Compositions For Treatment Of Wet Age-Related Macular Degeneration
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 39/395 (2006.01)
A61K 48/00 (2006.01)
C07K 16/22 (2006.01)

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VAN EVEREN, Sherri; BENNETT, Jean;
MAGUIRE, Albert M; ALEMAN, Tomas
Santiago; MARSHALL, Tristan James;
TRETIAKOVA, Anna
(74) WRAYS PTY LTD

(71) Twelve Benefit Corporation
(11) AU-A-2025204790
(21) 2025204790 (22) 25.06.2025
(54) System and method for carbon dioxide
reactor control
(51) Int. Cl.
C01B 3/24 (2006.01)
C10G 2/00 (2006.01)
C25B 9/23 (2021.01)
(43) 17.07.2025
(62) 2023202721
(72) KUHLE, Kendra; CAVE, Etosha;
FLANDERS, Nicholas; MA, Sichao;
ZENG, Qun; LEONARD, George
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(21) 2023464943

(71) Verastem, Inc.; Pfizer Inc.
(11) AU-A-2025204843
(21) 2025204843 (22) 26.06.2025
(54) Compositions and methods for treat-
ment of abnormal cell growth
(51) Int. Cl.
A61K 31/506 (2006.01)
A61K 9/20 (2006.01)
A61P 35/00 (2006.01)
(43) 17.07.2025
(62) 2022256144
(72) PADVAL, Mahesh; NKANSAH, Paul
Okwabi
(74) Spruson & Ferguson

(71) ViaSat, Inc.
(11) AU-A-2025204837
(21) 2025204837 (22) 26.06.2025
(54) Antenna element module
(51) Int. Cl.
H01Q 21/00 (2006.01)
H01Q 1/22 (2006.01)
H01Q 9/04 (2006.01)
H01Q 21/06 (2006.01)
(43) 17.07.2025
(62) 2019315962
(72) MATTHEWS, Douglas J.; WITTWER,
David C.; LANDERS, James F.
(74) Adams Pluck

(71) Weihai Tiant Intelligent Technology
Co., Ltd.
(11) AU-A-2024205099
(21) 2024205099 (22) 25.07.2024
(54) Intelligent towing robot
(51) Int. Cl.

B62D 55/065 (2006.01)
B60K 1/02 (2006.01)
B62D 49/00 (2006.01)
(31) 202311869852.X (32) 29.12.23 (33) CN
(43) 17.07.2025
(72) WANG, Jianfeng; CAO, Liwen; LYU,
Yuan; HE, Jingang; ZHAO, Qingling;
LIU, Quankuan; LIU, Jiahao; SUN, Yu
(74) Griffith Hack

(71) WUXI EA BIO-TECH CO., LTD.
(11) AU-A-2024361202
(21) 2024361202 (22) 27.12.2024
(54) METHOD FOR GENERATING EDGE
CUTTING LINE FOR ORTHODONTIC
ALIGNER, ORTHODONTIC ALIGNER
AND COMPUTER-READABLE MEDI-
UM
(51) Int. Cl.
A61C 7/08 (2006.01)
G06F 30/20 (2020.01)
(31) 202311871847.2 (32) 29.12.23 (33) CN
(43) 17.07.2025
(72) WANG, Meng; LI, Junsheng; ZHENG,
Yikan
(74) Davies Collison Cave Pty Ltd

(71) Xero Limited
(11) AU-A-2025204822
(21) 2025204822 (22) 26.06.2025
(54) Systems and methods of mobile bank-
ing reconciliation
(51) Int. Cl.
G06Q 40/02 (2023.01)
(43) 17.07.2025
(62) 2023201786
(72) ABERNETHY, Brock Stephen
(74) FB Rice Pty Ltd

(71) Yakima Australia Pty Ltd
(11) AU-A-2025204810
(21) 2025204810 (22) 26.06.2025
(54) A Vehicle Rooftop Rack Assembly
(51) Int. Cl.
B60R 9/058 (2006.01)
B60R 9/045 (2006.01)
B60R 9/048 (2006.01)
(43) 17.07.2025
(62) 2024205726
(72) Jones, Christopher Marc; Thomas,
Rhys Jon; Ruysenaar, Sasha Alexan-
der; Herdy, Steven James
(74) MBIP

**Yale University see Institute for Research
in Biomedicine (IRB)**
(21) 2025204753

(71) Zhejiang Jinko Solar Co., Ltd.
(11) AU-A-2025204834
(21) 2025204834 (22) 26.06.2025
(54) SOLAR CELL AND METHOD FOR
PREPARING THE SAME, TANDEM
SOLAR CELL, AND PHOTOVOLTAIC
MODULE
(51) Int. Cl.

H10F 77/70 (2025.01)
H10F 10/142 (2025.01)
H10F 19/00 (2025.01)
H10F 71/00 (2025.01)
H10F 77/20 (2025.01)
H10F 77/30 (2025.01)
(43) 17.07.2025
(62) 2024202221
(72) Li, Huimin; Xu, Menglei; Yang, Jie;
Zhang, Xinyu
(74) Madderns Pty Ltd

(71) Zhejiang LeapEnergy Technology Co.,
Ltd.; Zhejiang Leapmotor Technology
Co., Ltd
(11) AU-A-2024278494
(21) 2024278494 (22) 17.12.2024
(54) Battery pack and vehicle
(51) Int. Cl.
B60K 1/04 (2019.01)
B60L 50/64 (2019.01)
H01M 50/236 (2021.01)
H01M 50/24 (2021.01)
H01M 50/249 (2021.01)
(31) 202323661460.2 (32) 29.12.23 (33) CN
(43) 17.07.2025
(72) MA, Qiangqiang; QIANG, Xinshuang;
LUO, Chong
(74) A.P.T. Patent and Trade Mark Attor-
neys

**Zhejiang Leapmotor Technology Co., Ltd
see Zhejiang LeapEnergy Technology Co.,
Ltd.**
(21) 2024278494

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2024203141	3dpromelbourne pty ltd	2025204751	Regeneron Pharmaceuticals, Inc.
2024204667	NEOSENS AUSTRALIA PTY LTD	2025204753	Institute for Research in Biomedicine (IRB); Regeneron Pharmaceuticals, Inc.; Yale University
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A61N 1/372 (2006.01)
G06F 11/36 (2006.01)
A61N 1/39 (2006.01)
G16H 40/67 (2018.01)
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(74) FB Rice Pty Ltd

(71) AIRNOV, INC.
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(21) 2023419571 (22) 29.12.2023
(54) TAMPER-EVIDENT CLOSURE
(51) Int. Cl.
B65D 53/00 (2006.01)
B65D 41/34 (2006.01)
B65D 50/04 (2006.01)
B65D 51/24 (2006.01)
B65D 51/30 (2006.01)
B65D 81/26 (2006.01)
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(72) OLIVERI, Cyril
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(54) SEALING CAP AND CLOSURE COMPRISING THE SAME
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B65D 41/04 (2006.01)
B65D 50/04 (2006.01)
B65D 51/24 (2006.01)
B65D 55/02 (2006.01)
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(72) LEDEMENEY, Sebastien
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(54) ANTI-UNC5C ANTIBODIES
(51) Int. Cl.
C07K 16/18 (2006.01)
A61P 25/28 (2006.01)
A61K 39/00 (2006.01)
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 A61B 1/227 (2006.01)
 B26B 19/14 (2006.01)
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 (31) 63/483,780 (32) 08.02.23 (33) US
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 (72) HALLEN, Paul R.
 (74) PHILLIPS ORMONDE FITZPATRICK

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 A61B 3/117 (2006.01)
 A61B 3/12 (2006.01)
 A61B 3/125 (2006.01)
 A61F 9/008 (2006.01)
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 COOK, David; MERX, Sebastian;
 COYNE, Joshua; COUGHLAN, Kevin
 (74) PHILLIPS ORMONDE FITZPATRICK

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 A61B 1/227 (2006.01)
 A61B 1/32 (2006.01)
 A61F 11/10 (2006.01)
 (87) WO2024/176140
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 C07K 14/705 (2006.01)
 C12N 15/864 (2006.01)
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 (74) Patent Attorney Services

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 G01N 30/88 (2006.01)
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 C07K 16/00 (2006.01)
 A61K 9/19 (2006.01)
 C07K 16/28 (2006.01)
 F26B 5/06 (2006.01)
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 WU, Debra; MAHESHWARI, Ronak;
 AL-BAKRI, Wisam; GANGULY, Arnab;
 LAM, Philippe
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 (54) A PEST CONTROL SYSTEM AND A METHOD FOR BUILDING A NETWORK OF PEST CONTROL DEVICES
 (51) Int. Cl.
 A01M 23/00 (2006.01)
 H04L 45/12 (2022.01)
 H04L 45/48 (2022.01)
 H04W 40/02 (2009.01)
 H04W 72/0446 (2023.01)
 H04W 84/18 (2009.01)
 (87) WO2024/132507
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 (43) 27.06.2024
 (72) HOHNEN, Peter; SKOU, Rasmus;
 OLSSON, Tomas
 (74) Davies Collison Cave Pty Ltd

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 (54) A PEST CONTROL DEVICE, A PEST CONTROL SYSTEM AND A METHOD FOR CONFIGURING THE PEST CONTROL SYSTEM
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 H04W 4/50 (2018.01)
 H04L 41/08 (2022.01)
 H04W 4/02 (2018.01)
 H04W 4/021 (2018.01)
 H04W 4/30 (2018.01)

H04W 12/50 (2021.01)
H04W 88/16 (2009.01)
H04L 9/00 (2022.01)
H04L 12/66 (2006.01)
H04W 8/00 (2009.01)
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H04W 72/02 (2009.01)
H04W 72/51 (2023.01)
H04W 72/53 (2023.01)
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 OLSSON, Tomas; JONES, Peter
 (74) Davies Collison Cave Pty Ltd

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 (51) Int. Cl.
 A61K 9/107 (2006.01)
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 A61K 31/00 (2006.01)
 A61K 47/26 (2006.01)
 A61P 1/00 (2006.01)
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 (72) BEHNAM, Dariush
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(71) ARLA FOODS AMBA
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 (51) Int. Cl.
 A23C 9/14 (2006.01)
 A23C 9/142 (2006.01)
 A23C 9/15 (2006.01)
 A23C 21/00 (2006.01)
 A23J 1/20 (2006.01)
 A23L 33/00 (2016.01)
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 (54) METHODS OF PRODUCING HYDROGEL MICROSPHERES
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 C08B 37/08 (2006.01)
 C08B 37/00 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) DRUG CONJUGATES FOR THE TREATMENT OF OCULAR DISORDERS
(51) Int. Cl.
A61K 47/61 (2017.01)
A61K 47/69 (2017.01)
A61P 27/02 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2023388898 (22) 06.12.2023
(54) CANCER THERAPY WITH CAPIVASERTIB AND FULVESTRANT
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/59 (2006.01)
A61P 35/00 (2006.01)
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(74) Patent Attorney Services
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(51) Int. Cl.
C07D 235/18 (2006.01)
A61K 31/52 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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(74) Patent Attorney Services
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G16B 10/00 (2019.01)
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(54) ADAR1 INHIBITORS AND METHODS OF USING THE SAME
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C07D 333/04 (2006.01)
A61K 31/4535 (2006.01)
A61P 35/00 (2006.01)
C07D 207/02 (2006.01)
C07D 213/02 (2006.01)
C07D 233/00 (2006.01)
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A61K 31/437 (2006.01)
C07D 231/12 (2006.01)
C07D 231/16 (2006.01)
C07D 471/04 (2006.01)
A61P 25/28 (2006.01)
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(51) Int. Cl.
C10G 1/10 (2006.01)
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- C10B 53/07 (2006.01)
C10G 9/36 (2006.01)
C10G 45/04 (2006.01)
C10G 69/06 (2006.01)
C10K 1/00 (2006.01)
C10K 1/04 (2006.01)
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(31) FR2301667 (32) 23.02.23 (33) FR
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(74) Griffith Hack
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(51) Int. Cl.
A61K 45/06 (2006.01)
A61P 3/00 (2006.01)
A61P 3/02 (2006.01)
A61P 3/04 (2006.01)
A61P 9/00 (2006.01)
A61P 21/00 (2006.01)
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A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61K 31/66 (2006.01)
A61K 31/661 (2006.01)
A61K 31/6615 (2006.01)
A61K 31/685 (2006.01)
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(74) AJ PARK
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A01N 43/34 (2006.01)
A01N 43/40 (2006.01)
A01N 43/90 (2006.01)
A01N 25/30 (2006.01)
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 (51) Int. Cl.
B65G 1/04 (2006.01)
 (31) 202311839638.X (32) 28.12.23 (33) CN
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 (54) STORAGE LOGISTICS SYSTEM
 (51) Int. Cl.
B65G 1/12 (2006.01)
B65G 1/137 (2006.01)
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B65G 1/04 (2006.01)
B66F 9/00 (2006.01)
B66F 9/075 (2006.01)
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A47L 11/282 (2006.01)
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A47L 11/40 (2006.01)
 (87) WO2024/139451
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 (74) Halfords IP

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A47L 11/24 (2006.01)
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 (72) LIU, Ming; CHENG, Pan; LIN, Xiang
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 (51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/282 (2006.01)
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 (72) LIU, Ming; CHENG, Pan; LIN, Xiang
 (74) Allens Patent & Trade Mark Attorneys

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 (54) COMPOUND AND USE THEREOF IN TREATMENT OF TREG-RELATED DISEASES
 (51) Int. Cl.
C07C 271/44 (2006.01)
A61K 31/215 (2006.01)
A61K 31/495 (2006.01)
A61P 17/00 (2006.01)
A61P 31/04 (2006.01)
A61P 37/00 (2006.01)
C07C 43/21 (2006.01)
C07C 43/23 (2006.01)
C07D 241/02 (2006.01)
 (87) WO2024/114811
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A61K 38/10 (2006.01)
A61K 39/395 (2006.01)
A61P 7/06 (2006.01)
 (87) WO2024/127395
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C12N 15/11 (2006.01)
A61K 39/215 (2006.01)
A61K 45/06 (2006.01)
C12N 15/00 (2006.01)
C12N 15/10 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) SPRAY SENSOR SYSTEM
 (51) Int. Cl.
A01M 7/00 (2006.01)
A01G 25/02 (2006.01)
A01G 25/16 (2006.01)
 (87) WO2024/159273
 (31) 2023900221 (32) 31.01.23 (33) AU
 (43) 08.08.2024
 (72) MCMENAMIN, Thomas J
 (74) Griffith Hack

(71) BIOTAGE AB
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 (54) METHOD FOR LOCKING A FRIT IN A CHROMATOGRAPHY CARTRIDGE AND A CHROMATOGRAPHY CARTRIDGE
 (51) Int. Cl.
G01N 30/60 (2006.01)
G01N 30/56 (2006.01)
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 (72) ESALA, Juha
 (74) Davies Collison Cave Pty Ltd

(71) BIOVERSYS AG
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 (51) Int. Cl.
C07D 498/22 (2006.01)
A61K 31/4188 (2006.01)
A61P 31/00 (2006.01)
C07D 519/00 (2006.01)
 (87) WO2024/165591
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H02S 20/30 (2014.01)
F03B 13/12 (2006.01)
F03B 13/18 (2006.01)
F24S 30/40 (2018.01)
H02S 20/00 (2014.01)
H02S 30/10 (2014.01)
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(51) Int. Cl.
H04L 9/40 (2022.01)
G06Q 30/018 (2023.01)
H04L 9/00 (2022.01)
H04L 9/32 (2006.01)
H04W 4/80 (2018.01)
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G02B 27/48 (2006.01)
G03B 21/00 (2006.01)
H01S 3/10 (2006.01)
H01S 5/065 (2006.01)
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A61K 35/42 (2015.01)
C12N 5/071 (2010.01)
A61P 11/00 (2006.01)
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B26F 1/44 (2006.01)
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C07K 14/605 (2006.01)
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H05K 7/20 (2006.01)
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F16L 55/165 (2006.01)
B32B 1/08 (2006.01)
B32B 5/02 (2006.01)
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A61B 1/00 (2006.01)
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G06Q 30/0601 (2023.01)
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G06Q 50/10 (2012.01)
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F01C 1/32 (2006.01)
F01C 21/04 (2006.01)
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B60R 13/08 (2006.01)
B32B 3/08 (2006.01)
B32B 15/00 (2006.01)
B32B 15/08 (2006.01)
B32B 27/20 (2006.01)
B60L 3/00 (2019.01)
H01M 50/242 (2021.01)
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H01M 50/502 (2021.01)
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G06Q 20/38 (2012.01)
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H04L 9/08 (2006.01)
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G06Q 20/34 (2012.01)
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G06Q 20/30 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/38 (2012.01)
G07F 7/08 (2006.01)
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A47L 13/254 (2006.01)
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G01J 3/02 (2006.01)
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B60L 58/16 (2019.01)
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(54) CHARGING AN ELECTRIC WORK VEHICLE
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B60L 53/62 (2019.01)
H02J 1/00 (2006.01)
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(74) Patent Attorney Services

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H02M 7/5387 (2007.01)
H02M 1/00 (2007.01)
H02M 7/06 (2006.01)
H02M 7/5395 (2006.01)
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(74) Patent Attorney Services

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(51) Int. Cl.
E21B 33/035 (2006.01)
(87) WO2024/205419
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(72) NORMANN HANSEN, Fredrik
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(54) CATALYTIC METHOD FOR PROGRESSIVE ORE TRANSFORMATION IN COPPER LEACHING
(51) Int. Cl.
C22B 15/00 (2006.01)
C22B 3/04 (2006.01)
C22B 3/06 (2006.01)
C22B 3/08 (2006.01)
C22B 3/00 (2006.01)

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(74) Armour IP

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(51) Int. Cl.
C22B 15/00 (2006.01)
C22B 3/44 (2006.01)
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(31) 63/521,010 (32) 14.06.23 (33) US
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(21) 2023417544 (22) 27.12.2023
(54) PYRIDAZINE NLRP3 INHIBITOR COMPOUND, PHARMACEUTICAL COMPOSITION, AND PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/502 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
A61P 19/02 (2006.01)
A61P 19/06 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
C07D 237/34 (2006.01)
C07D 471/04 (2006.01)
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(74) WRAYS PTY LTD

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(11) AU-A-2023416106
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(54) ELECTRIC CONNECTION STRUCTURE OF ELECTRIC LIFTING TABLE FRAME AND ELECTRIC LIFTING TABLE
(51) Int. Cl.
A47B 13/02 (2006.01)
A47B 9/00 (2006.01)
H01R 13/02 (2006.01)
H01R 24/00 (2011.01)
H01R 31/06 (2006.01)
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(21) 2023417439 (22) 28.12.2023
(54) DETACHABLE CONNECTION STRUCTURE OF ASSEMBLED FRAME, AND HEIGHT-ADJUSTABLE PLATFORM
(51) Int. Cl.
F16B 7/00 (2006.01)
A47B 13/02 (2006.01)
(87) WO2024/140910
(31) 202211712571.9 (32) 30.12.22 (33) CN
(43) 04.07.2024
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(21) 2023417605 (22) 28.12.2023
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(51) Int. Cl.
F16B 7/00 (2006.01)
A47B 13/02 (2006.01)
(87) WO2024/140920
(31) 202211712576.1 (32) 30.12.22 (33) CN
(43) 04.07.2024
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(21) 2023464943 (22) 27.12.2023
(54) INTEGRAL FRAME-TYPE BODY STRUCTURE OF SHEARER AND INTEGRAL FRAME-TYPE INTELLIGENT SHEARER
(51) Int. Cl.
E21C 25/16 (2006.01)
E21C 25/52 (2006.01)
E21C 29/02 (2006.01)
E21C 35/24 (2006.01)
E21C 41/18 (2006.01)

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(74) Baxter Patent Attorneys Pty Ltd

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(21) 2024263431 (22) 02.02.2024
(54) BATTERY THERMAL MANAGEMENT METHOD AND APPARATUS, ELECTRONIC DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
B60L 58/12 (2019.01)
B60R 16/023 (2006.01)
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(31) 202310487183.3 (32) 28.04.23 (33) CN
(43) 31.10.2024
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(21) 2023447364 (22) 31.10.2023
(54) AUTOMOBILE BODY STRUCTURE INTEGRATED WITH SUNROOF FRAME AND AUTOMOBILE
(51) Int. Cl.
B62D 25/02 (2006.01)
B60J 7/04 (2006.01)
B62D 27/00 (2006.01)
(87) WO2024/230097
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(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 35/12 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
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C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/32 (2006.01)
C07K 16/46 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/09 (2006.01)
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C12N 15/85 (2006.01)
(87) WO2024/168160
(31) 63/483,814 (32) 08.02.23 (33) US

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(54) A WIND TURBINE OIL CLEANING APPARATUS AND METHOD
(51) Int. Cl.
F03D 80/55 (2016.01)
B01D 17/04 (2006.01)
B01D 21/26 (2006.01)
B04B 5/00 (2006.01)
C10M 175/00 (2006.01)
F01M 1/10 (2006.01)
F01M 5/00 (2006.01)
F03D 80/60 (2016.01)
F03D 80/70 (2016.01)
F03D 80/80 (2016.01)
F16N 39/04 (2006.01)
(87) WO2024/159264
(31) 2023900253 (32) 02.02.23 (33) AU
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(72) SMITH, Robert Carrington
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H02S 20/00 (2014.01)
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(74) CLENERGY TECHNOLOGY CO., LTD.
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C12N 9/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/63 (2006.01)
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F25D 23/06 (2006.01)
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A01G 25/16 (2006.01)
A01G 24/10 (2018.01)
A01G 24/20 (2018.01)
A01G 24/35 (2018.01)
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A61K 35/74 (2015.01)
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C12N 1/04 (2006.01)
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F04D 13/12 (2006.01)
F04D 29/40 (2006.01)
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G16H 40/60 (2018.01)
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G06N 10/70 (2022.01)
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A61M 5/315 (2006.01)
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A61K 31/58 (2006.01)
A61P 37/00 (2006.01)
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B29C 44/50 (2006.01)
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B29C 48/00 (2019.01)
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A61B 34/30 (2016.01)
A61B 34/10 (2016.01)
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A61B 90/11 (2016.01)
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A61B 90/00 (2016.01)
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G08G 1/0968 (2006.01)
B60W 60/00 (2020.01)
G01C 21/20 (2006.01)
G05D 1/00 (2024.01)
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C12N 15/113 (2010.01)
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A61B 5/01 (2006.01)
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(54) MATERIALS AND METHODS FOR
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C12N 15/63 (2006.01)
C07K 14/47 (2006.01)
C07K 14/705 (2006.01)
C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
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C12N 15/85 (2006.01)
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C12N 15/86 (2006.01)
A61K 9/00 (2006.01)
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B60L 5/18 (2006.01)
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B60T 17/22 (2006.01)
B60T 8/18 (2006.01)
B60T 13/22 (2006.01)
B60T 13/66 (2006.01)
B60T 15/56 (2006.01)
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A47K 5/08 (2006.01)
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FLODIN, Alice
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(51) Int. Cl.
H01M 10/54 (2006.01)
B09B 3/35 (2022.01)
B09B 3/40 (2022.01)
B09B 5/00 (2006.01)
B09B 101/16 (2022.01)
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A.; EMERY, Zackary
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(51) Int. Cl.
B65H 75/40 (2006.01)
B65H 75/44 (2006.01)
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(31) 2300257.9 (32) 09.01.23 (33) GB
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LIMITED
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ACTIVE SUBSTANCES FROM OTH-
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ATIONS AND ASSOCIATES
(51) Int. Cl.
A61L 15/18 (2006.01)
A61K 31/352 (2006.01)
A61L 15/44 (2006.01)
A61L 26/00 (2006.01)
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C07D 487/04 (2006.01)
C07C 269/06 (2006.01)
C07C 271/14 (2006.01)
C07C 271/16 (2006.01)
C07C 271/22 (2006.01)
C07C 303/28 (2006.01)
C07C 309/66 (2006.01)
C07C 313/06 (2006.01)
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A61K 31/519 (2006.01)
A61K 47/06 (2006.01)
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A61P 15/00 (2006.01)
A61K 31/47 (2006.01)
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B31B 100/00 (2017.01)
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A23L 2/52 (2006.01)
A23L 29/206 (2016.01)
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A61K 9/00 (2006.01)
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C12N 15/90 (2006.01)
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A42B 3/06 (2006.01)
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A42B 3/30 (2006.01)
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A61P 25/28 (2006.01)
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A61B 1/00 (2006.01)
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A61B 90/70 (2016.01)
A61L 2/24 (2006.01)
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C07K 16/00 (2006.01)
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C12Q 1/6804 (2018.01)
G01N 33/68 (2006.01)
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G01V 1/50 (2006.01)
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G01V 3/32 (2006.01)
E21B 47/13 (2012.01)
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(54) PROTAC CHIMERIC COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF
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C07D 487/04 (2006.01)
A61K 31/44 (2006.01)
A61K 31/45 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 19/00 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/62 (2006.01)
C12N 15/867 (2006.01)
G01N 33/574 (2006.01)
G01N 33/68 (2006.01)
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G06T 17/20 (2006.01)
G06N 20/00 (2019.01)
G06T 7/70 (2017.01)
G06V 40/10 (2022.01)
G06T 7/00 (2017.01)
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C25B 9/00 (2021.01)
C25B 1/04 (2021.01)
C25B 1/50 (2021.01)
C25B 9/65 (2021.01)
C25B 15/02 (2021.01)
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A61K 35/39 (2015.01)
A61P 3/10 (2006.01)
C12N 5/071 (2010.01)
(87) WO2024/145673
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) SERVICEABLE SPRINKLER WITH NUTATING DISTRIBUTION PLATE
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B05B 3/00 (2006.01)
B05B 3/04 (2006.01)
B05B 12/18 (2018.01)
B05B 1/34 (2006.01)
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C12Q 1/686 (2018.01)
C12Q 1/689 (2018.01)
C12Q 1/70 (2006.01)
G01N 21/78 (2006.01)
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(54) FIRE EXTINGUISHING AND THERMAL LOAD COOLING ARRANGEMENT AND FIRE EXTINGUISHING SYSTEM
(51) Int. Cl.
A62C 3/07 (2006.01)
A62C 3/16 (2006.01)
(87) WO2024/153853
(31) 23152224.4 (32) 18.01.23 (33) EP
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B01D 9/00 (2006.01)
B01J 8/18 (2006.01)
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(51) Int. Cl.
A61K 39/108 (2006.01)
A61K 39/116 (2006.01)
A61K 39/385 (2006.01)
A61K 39/40 (2006.01)
A61K 47/61 (2017.01)
A61K 47/64 (2017.01)
A61P 31/04 (2006.01)
C07H 15/04 (2006.01)
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(74) AJ PARK

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B65G 65/40 (2006.01)

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A61F 2/06 (2013.01)
A61F 2/95 (2013.01)
A61M 25/06 (2006.01)
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(54) SIALYLATED SACCHARIDE FOR USE IN THE PREVENTION OR TREATMENT OF AN INFLAMMATORY DISEASE AND/OR AUTOIMMUNE DISEASE
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A61K 31/702 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
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A61P 11/00 (2006.01)
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(54) HEAT-RESISTANT AND SHEAR-RESISTANT MICROCAPSULE, AND PREPARATION METHOD THEREFOR AND USE THEREOF
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A23P 10/30 (2016.01)
A23L 33/135 (2016.01)
A23P 10/35 (2016.01)
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B01J 13/18 (2006.01)
A01N 25/28 (2006.01)
A23L 27/00 (2016.01)
A23P 10/30 (2016.01)
A61K 8/11 (2006.01)
A61K 9/48 (2006.01)
A61Q 5/00 (2006.01)
A61Q 19/00 (2006.01)
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B01J 13/20 (2006.01)
C11D 3/50 (2006.01)
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(74) Oxygene IP

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A01K 1/02 (2006.01)
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(54) PHARMACEUTICAL COMPOSITION FOR PREVENTION OR TREATMENT OF DRUG-RELATED PEPTIC ULCER COMPRISING ZASTAPRAZAN OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF
(51) Int. Cl.
A61K 31/437 (2006.01)
A61K 31/43 (2006.01)
A61K 31/7048 (2006.01)
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(54) COMPOSITION FOR REMOVING HELICOBACTER PYLORI COMPRISING ZASTAPRAZAN OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF
(51) Int. Cl.
A61K 31/437 (2006.01)
A61K 31/43 (2006.01)
A61K 31/7048 (2006.01)
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F16L 21/03 (2006.01)
F16L 19/04 (2006.01)
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F04B 49/22 (2006.01)
F17C 13/00 (2006.01)
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(54) CLEANING AGENT ARTICLE
(51) Int. Cl.
C11D 1/86 (2006.01)
C11D 1/02 (2006.01)
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B68C 1/02 (2006.01)
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(72) KEMPESELL, David; WHITE, Margaret Lesley
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A61P 11/06 (2006.01)
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B66B 19/00 (2006.01)
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G08G 3/00 (2006.01)
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(54) METHOD FOR RECOVERING COPPER
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C25C 1/12 (2006.01)
C22B 3/08 (2006.01)
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(51) Int. Cl.
B23K 9/02 (2006.01)
B23K 9/025 (2006.01)
B23K 9/127 (2006.01)
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H04W 36/00 (2009.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) MACHINE LEARNING FOR POSITIONING
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H04W 64/00 (2009.01)
G01S 1/00 (2006.01)
G01S 5/00 (2006.01)
G06N 20/00 (2019.01)
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 H04W 64/00 (2009.01)
 G01S 5/00 (2006.01)
 G06N 20/00 (2019.01)
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 (54) AN ANTENNA
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 H01Q 11/10 (2006.01)
 H01Q 1/08 (2006.01)
 H01Q 1/38 (2006.01)
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 D06F 39/10 (2006.01)
 B01D 35/02 (2006.01)
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 (54) CLOTHING TREATMENT APPARATUS
 (51) Int. Cl.
 D06F 58/12 (2006.01)
 A47G 25/30 (2006.01)
 D06F 59/02 (2006.01)
 (87) WO2024/150996
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 (54) IMAGE ENCODING/DECODING METHOD, METHOD FOR TRANSMITTING BITSTREAM, AND RECORDING MEDIUM ON WHICH BITSTREAM IS STORED
 (51) Int. Cl.
 H04N 19/82 (2014.01)
 G06N 3/04 (2023.01)
 H04N 19/70 (2014.01)
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 (54) CLOTHING TREATMENT APPARATUS AND METHOD FOR CONTROLLING CLOTHING TREATMENT APPARATUS
 (51) Int. Cl.
 D06F 58/40 (2020.01)
 D06F 58/12 (2006.01)
 D06F 58/26 (2006.01)
 D06F 103/32 (2020.01)
 D06F 103/68 (2020.01)
 D06F 105/12 (2020.01)
 D06F 105/54 (2020.01)
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 (54) CLOTHING PROCESSING DEVICE, AND METHOD FOR CONTROLLING SAME
 (51) Int. Cl.
 D06F 58/40 (2020.01)
 D06F 58/12 (2006.01)
 D06F 58/26 (2006.01)
 D06F 103/68 (2020.01)
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 (51) Int. Cl.
 D06F 39/08 (2006.01)
 D06F 39/02 (2006.01)
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 (54) GARMENT PROCESSING DEVICE
 (51) Int. Cl.
 D06F 39/02 (2006.01)
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 D06F 39/08 (2006.01)
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 (54) BATTERY SYSTEM CONTROL APPARATUS AND OPERATING METHOD THEREOF
 (51) Int. Cl.
 H04L 9/32 (2006.01)
 H01M 10/42 (2006.01)
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 (51) Int. Cl.
 C12N 15/86 (2006.01)
 A61K 48/00 (2006.01)
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B62D 57/028 (2006.01)
B21F 15/06 (2006.01)
B25J 5/00 (2006.01)
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A61K 39/00 (2006.01)
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A61P 35/00 (2006.01)
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A61K 31/711 (2006.01)
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 MUNE CHECKPOINT INHIBITOR
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C07K 16/28 (2006.01)
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 THAT BINDS EGFR AND CYTOTOXIC
 DRUGS
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A61K 33/243 (2019.01)
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G06F 3/0482 (2013.01)
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H04N 19/13 (2014.01)
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 TEMS USING DUAL PARAMETER
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 AND SPIROCYCLOC-PIPERIDINO-
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 (51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
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F24D 3/18 (2006.01)
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C25B 13/02 (2006.01)
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F21K 9/238 (2016.01)
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A23L 2/60 (2006.01)
A23L 27/30 (2016.01)
C12N 15/81 (2006.01)
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A24D 1/20 (2020.01)
A24F 40/40 (2020.01)
A24F 40/46 (2020.01)
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H01R 13/10 (2006.01)
H01M 50/296 (2021.01)
H01M 50/572 (2021.01)
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A61K 38/26 (2006.01)
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C07C 323/25 (2006.01)
A61K 9/51 (2006.01)
A61K 47/20 (2006.01)
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C07C 323/12 (2006.01)
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C07D 205/04 (2006.01)
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C12N 15/87 (2006.01)
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A61B 5/16 (2006.01)
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B31F 1/07 (2006.01)
A47L 13/16 (2006.01)
D21H 27/00 (2006.01)
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C12N 1/16 (2006.01)
C12P 13/04 (2006.01)
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C08K 3/04 (2006.01)
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C25C 3/08 (2006.01)
C25B 15/023 (2021.01)
C25C 7/00 (2006.01)
G01R 15/00 (2006.01)
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H01M 10/39 (2006.01)
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B63H 9/02 (2006.01)
B63H 21/30 (2006.01)
F16F 7/116 (2006.01)
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A61K 31/495 (2006.01)
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C07D 413/06 (2006.01)
A61P 25/14 (2006.01)
A61P 25/28 (2006.01)
C07C 257/22 (2006.01)
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A22B 5/00 (2006.01)
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G06T 7/12 (2017.01)
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G06V 10/762 (2022.01)
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G06V 10/774 (2022.01)
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A61B 5/1468 (2006.01)
A61B 5/00 (2006.01)
C12Q 1/6813 (2018.01)
G01N 27/327 (2006.01)
G01N 33/543 (2006.01)
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C12Q 1/6813 (2018.01)
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A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61M 5/142 (2006.01)
C12Q 1/6813 (2018.01)
G01N 27/327 (2006.01)
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A61B 5/145 (2006.01)
A61M 5/142 (2006.01)
C12Q 1/6813 (2018.01)
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B01L 3/00 (2006.01)
B01L 3/02 (2006.01)
C12Q 1/6825 (2018.01)
G01N 27/26 (2006.01)
G01N 35/10 (2006.01)
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G01N 27/327 (2006.01)
B01L 3/00 (2006.01)
C12Q 1/6825 (2018.01)
G01N 27/26 (2006.01)
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C12N 5/0793 (2010.01)
A61K 35/00 (2006.01)
C12N 5/0797 (2010.01)
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(74) Churchill Attorneys
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C12N 5/0793 (2010.01)
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G01M 13/023 (2019.01)
B65G 43/04 (2006.01)
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H01M 50/204 (2021.01)
B65G 1/04 (2006.01)
H01M 50/244 (2021.01)
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H01M 50/55 (2021.01)
H01M 50/588 (2021.01)
H01M 10/42 (2006.01)
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(74) James & Wells Intellectual Property

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G06Q 10/087 (2023.01)
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(51) Int. Cl.
B21D 22/10 (2006.01)
B21D 39/03 (2006.01)
B23K 11/10 (2006.01)
B23P 15/00 (2006.01)
B65D 6/32 (2006.01)
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B65G 1/02 (2006.01)
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A61K 31/395 (2006.01)
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(54) FORMULATION FOR APPLYING TO VEGETATION
(51) Int. Cl.
A01N 43/16 (2006.01)
A01N 43/80 (2006.01)
A01P 13/00 (2006.01)
(87) WO2024/115652
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(72) CLEARWATER, John Russell
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(21) 2023423919 (22) 22.12.2023
(54) DEVICE FOR DISTRIBUTING WATER ONTO AND COMPRESSING A MASS OF COFFEE GROUNDS, A COFFEE MACHINE AND METHOD OF MAKING COFFEE
(51) Int. Cl.
A47J 31/36 (2006.01)
A47J 31/06 (2006.01)
(87) WO2024/148392
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(72) GROCHOLA, Gregory
(74) Cooper IP Pty Ltd

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(11) AU-A-2023428350
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(54) DENTAL TRAINING DEVICE
(51) Int. Cl.
G09B 23/28 (2006.01)
A61C 9/00 (2006.01)
A61C 13/34 (2006.01)
(87) WO2024/159260
(31) 2023900206 (32) 30.01.23 (33) AU
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(72) SVENSSON, Leif; SORRENTINO, Vincenzo
(74) Chamberlains Law Firm Pty Limited

(71) OSAKA SEALING PRINTING CO., LTD.
(11) AU-A-2023425027
(21) 2023425027 (22) 30.11.2023
(54) THERMAL RECORDING MATERIAL
(51) Int. Cl.
B41M 5/40 (2006.01)
B41M 5/28 (2006.01)
B41M 5/41 (2006.01)
B41M 5/42 (2006.01)
B41M 5/44 (2006.01)
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(72) MORIYA, Miwa; EGASHIRA, Yusuke
(74) RnB IP Pty Ltd

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(11) AU-A-2023419587
(21) 2023419587 (22) 29.11.2023
(54) SWIMMER MONITORING DEVICE AND SWIMMER MONITORING METHOD
(51) Int. Cl.
G08B 21/08 (2006.01)
G06T 7/00 (2017.01)
G06T 7/20 (2017.01)
G06V 20/52 (2022.01)
G08B 25/00 (2006.01)
G08B 25/08 (2006.01)
H04N 7/18 (2006.01)
(87) WO2024/142726
(31) 2022-212776 (32) 28.12.22 (33) JP
(43) 04.07.2024
(72) KANAMARU, Ichiro; ISHIKAWA, Toshinori
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) PAYPAL, INC.
(11) AU-A-2023418570
(21) 2023418570 (22) 20.12.2023
(54) PROVIDING APPLICATION NOTIFICATION FOR COMPUTING APPLICATION LIMITATIONS
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06Q 30/06 (2023.01)
G06Q 40/06 (2012.01)
(87) WO2024/145128
(31) 18/148,956 (32) 30.12.22 (33) US
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(72) VERMA, Hans Raj; CUMMER, Russell Frank
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G06F 30/27 (2020.01)
G06F 40/279 (2020.01)
G06N 20/00 (2019.01)
G10L 15/06 (2013.01)
G10L 15/16 (2006.01)
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Michael
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(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 47/68 (2017.01)
C07D 487/04 (2006.01)
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(54) SYSTEMS AND METHODS FOR DI-
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(51) Int. Cl.
A61N 5/067 (2006.01)
A61B 18/20 (2006.01)
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Marc D.; KATTA, Nitesh; GRUSLOVA,
Aleksandra; NOLEN, Drew R.; DIAZ
SANMARTIN, Luis A.; JENNEY, Scott
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OD THEREOF
(51) Int. Cl.
C01B 25/45 (2006.01)
C01B 25/37 (2006.01)
H01M 4/02 (2006.01)
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- H01M 4/36 (2006.01)
H01M 4/58 (2010.01)
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(54) UNIVERSAL DOSAGE VERIFICATION
SYSTEM AND METHOD FOR MEDIC-
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(51) Int. Cl.
A61M 5/31 (2006.01)
A61M 5/315 (2006.01)
B65B 3/30 (2006.01)
G06T 7/00 (2017.01)
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ZHU, Ni; DUESMAN, Kathryn
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SUITABLE FOR USE IN PHOTODY-
NAMIC THERAPY (PDT)
(51) Int. Cl.
C07D 487/22 (2006.01)
A61K 31/41 (2006.01)
A61K 41/10 (2020.01)
A61P 35/00 (2006.01)
C07F 9/6561 (2006.01)
C09B 47/00 (2006.01)
C09K 11/06 (2006.01)
G01N 33/58 (2006.01)
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(51) Int. Cl.
C07F 9/6561 (2006.01)
A61K 41/00 (2020.01)
A61N 5/06 (2006.01)
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C07D 487/22 (2006.01)
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Honsue; DONNER, Christopher D.;
NOVAKOVIC, Sacha; AILURI, Ramesh
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(54) NOVEL CHLORIN E6 ANALOGUES
(51) Int. Cl.
C07H 15/26 (2006.01)
A61P 19/02 (2006.01)
A61P 27/02 (2006.01)
A61P 31/04 (2006.01)
A61P 31/10 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
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C07F 9/54 (2006.01)
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Honsue; DONNER, Christopher D.;
STEPHENS, Andrew N.
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(54) PLANT MICROBES AND USES
THEREOF
(51) Int. Cl.
C12N 15/63 (2006.01)
A61K 35/74 (2015.01)
C12N 5/04 (2006.01)
C12N 9/22 (2006.01)
C12N 15/00 (2006.01)
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(87) WO2024/151633
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LACE, Andrea Kimi; PAPA, III, Louis
John; BRUNET, Yannick; THOMPSON,
Mary
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(54) LENS, IN PARTICULAR OPHTHALMIC
LENS, METHOD AND DEVICE FOR
PRODUCING SAME, AND CASTING
PACKAGE COMPRISING THE LENS
(51) Int. Cl.
B29D 11/00 (2006.01)
(87) WO2024/132979
(31) 10 2022 004 865.5 (32) 22.12.22 (33) DE
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WEIGAND, Udo; ZINNER, Herbert; EB-
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(71) SAINT-GOBAIN ISOVER
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(54) LOOSEFILL INSULATION HOSE CON-
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F16L 9/12 (2006.01)
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H02J 15/00 (2006.01)
H01M 10/42 (2006.01)
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A23L 2/52 (2006.01)
A23L 29/206 (2016.01)
A23L 29/238 (2016.01)
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A61P 35/00 (2006.01)
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C07D 491/052 (2006.01)
A61K 31/5025 (2006.01)
A61P 25/00 (2006.01)
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A61K 38/22 (2006.01)
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A61L 27/48 (2006.01)
A61L 27/24 (2006.01)
A61L 27/26 (2006.01)
A61L 27/36 (2006.01)
A61L 27/52 (2006.01)
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A61B 17/00 (2006.01)
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A61B 5/16 (2006.01)
A61B 3/113 (2006.01)
G06N 20/00 (2019.01)
A61B 5/11 (2006.01)
G06F 3/01 (2006.01)
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C07K 14/135 (2006.01)
A61K 38/16 (2006.01)
A61K 39/155 (2006.01)
A61P 31/14 (2006.01)
C12N 15/11 (2006.01)
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A61B 18/00 (2006.01)
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A61P 11/00 (2006.01)
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B29C 39/10 (2006.01)
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B29C 70/48 (2006.01)
C08G 59/28 (2006.01)
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F02B 75/12 (2006.01)
F02F 1/42 (2006.01)
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A61B 90/00 (2016.01)
A61F 2/24 (2006.01)
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A61P 1/16 (2006.01)
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A61B 5/11 (2006.01)
A61B 5/00 (2006.01)
A61G 7/05 (2006.01)
G08B 21/18 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 19/08 (2006.01)
A61P 31/04 (2006.01)
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A61P 37/02 (2006.01)
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C07K 19/00 (2006.01)
C12N 5/10 (2006.01)
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B01D 53/02 (2006.01)
B01J 20/16 (2006.01)
C01B 33/38 (2006.01)
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C07K 14/325 (2006.01)
A61K 38/16 (2006.01)
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A61P 33/10 (2006.01)
C07K 14/195 (2006.01)
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C01B 32/184 (2017.01)
C01B 32/15 (2017.01)
C01B 32/182 (2017.01)
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C10G 69/12 (2006.01)
C07C 2/06 (2006.01)
C07C 5/09 (2006.01)
C07C 7/04 (2006.01)
C07C 7/11 (2006.01)
C07C 11/04 (2006.01)
C10G 33/00 (2006.01)
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C10G 69/12 (2006.01)					
C07C 1/20 (2006.01)					
C07C 2/06 (2006.01)					
C07C 5/02 (2006.01)					
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C10G 31/08 (2006.01)					
C10G 45/58 (2006.01)					
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C12Q 1/37 (2006.01)					
G01N 33/542 (2006.01)					
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(31) P.443432			(32) 09.01.23	(33) PL	
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(74) Halfords IP					
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A61F 2/24 (2006.01)					
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A61F 2/95 (2013.01)					
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H01P 1/208 (2006.01)					
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H04B 7/06 (2006.01)					
H04B 7/185 (2006.01)					
H04B 7/204 (2006.01)					
H04L 5/00 (2006.01)					
H04W 72/044 (2023.01)					
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A62C 37/09 (2006.01)					
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(21) 2024227851			(22) 27.02.2024		
(54) COUPLING PERMITTING LONGITUD- INAL AXIS ROTATION OF PIPE ELE- MENTS					
(51) Int. Cl.					
F16L 17/025 (2006.01)					
F16L 17/04 (2006.01)					
F16L 21/06 (2006.01)					
F16L 23/08 (2006.01)					
(71) VICTAULIC COMPANY					
(11) AU-A-2024228252					
(21) 2024228252			(22) 27.02.2024		
(54) METHOD OF ROTATING A PIPELINE SECTION					
(51) Int. Cl.					
F16L 27/08 (2006.01)					
F16L 57/06 (2006.01)					
F17D 1/00 (2006.01)					
(87) WO2024/182343					
(31) 63/448,363			(32) 27.02.23	(33) US	
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63/448,366			27.02.23	US	
63/600,392			17.11.23	US	
63/600,400			17.11.23	US	
(43) 06.09.2024					
(72) FINLAYSON, Eric, Frank					
(74) Spruson & Ferguson					
(71) VISA INTERNATIONAL SERVICE AS- SOCIATION					
(11) AU-A-2022488425					
(21) 2022488425			(22) 05.12.2022		
(54) METHOD AND SYSTEM FOR AUTO- MATIC PAYMENT METHOD TRANS- MISSION TO MERCHANTS					
(51) Int. Cl.					
G06Q 20/38 (2012.01)					
G06Q 20/14 (2012.01)					
G06Q 20/16 (2012.01)					
G06Q 20/40 (2012.01)					
G06Q 30/06 (2023.01)					
(87) WO2024/121589					
(43) 13.06.2024					
(72) RAM, Jaimini					
(74) MBIP					
(71) VISA INTERNATIONAL SERVICE AS- SOCIATION					
(11) AU-A-2024212074					
(21) 2024212074			(22) 24.01.2024		
(54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR MULTI ACCOUNT ACCESS BASED ON A SINGLE CREDENTIAL					
(51) Int. Cl.					
G06Q 20/22 (2012.01)					
G06Q 20/10 (2012.01)					
G06Q 20/40 (2012.01)					
G06Q 20/00 (2012.01)					
(87) WO2024/158915					
(31) 63/481,359			(32) 24.01.23	(33) US	
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(43) 02.08.2024					
(72) PATTERSON, Barbara, Elizabeth; BYRNE, C., William; JOHN, Judy					
(74) Pizzeys Patent and Trade Mark Attor- neys Pty Ltd					

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- (71) W. L. GORE & ASSOCIATES, INC.
(11) AU-A-2023408785
(21) 2023408785 (22) 19.12.2023
(54) MODULAR MULTI-CARTRIDGE STRUCTURAL FRAME WITH WATER MANAGEMENT AND INTEGRATED HEATING FOR SORBENT ARTICLES IN DIRECT AIR CAPTURE SYSTEMS
(51) Int. Cl.
B01D 53/04 (2006.01)
B01D 53/26 (2006.01)
(87) WO2024/137631
(31) 63/433,968 (32) 20.12.22 (33) US
63/611,451 18.12.23 US
(43) 27.06.2024
(72) SCOTTI, Christine M.; TITONE, Ryan S.; CULLY, Edward H.
(74) Griffith Hack
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- (71) WEIR SCIENCE LIMITED
(11) AU-A-2023400598
(21) 2023400598 (22) 01.12.2023
(54) POLLEN-BASED COMPOSITIONS AND EXTRACTS FOR STIMULATING HYALURONIC ACID PRODUCTION
(51) Int. Cl.
A61K 8/98 (2006.01)
A61K 8/02 (2006.01)
A61K 8/04 (2006.01)
A61K 8/92 (2006.01)
A61K 8/97 (2017.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 9/14 (2006.01)
A61K 9/48 (2006.01)
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A61P 15/02 (2006.01)
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A61Q 19/00 (2006.01)
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(87) WO2024/117921
(31) 795225 (32) 02.12.22 (33) NZ
(43) 06.06.2024
(72) WEIR, Iona Elizabeth
(74) Pearce IP Pty Ltd
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- (71) WELBILT FOODSERVICE COMPANIES, LLC
(11) AU-A-2024210104
(21) 2024210104 (22) 18.01.2024
(54) ADAPTER FOR BEVERAGE DISPENSER
(51) Int. Cl.
B67D 1/08 (2006.01)
B67D 1/12 (2006.01)
G07F 7/02 (2006.01)
G07F 13/06 (2006.01)
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(31) 63/439,629 (32) 18.01.23 (33) US
(43) 25.07.2024
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- (71) WEPower TECHNOLOGIES LLC
(11) AU-A-2024206608
(21) 2024206608 (22) 04.01.2024
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- (54) TRIP MECHANISM BASED ENERGY GENERATOR FOR ELECTRICAL ENERGY GENERATION
(51) Int. Cl.
H02K 35/02 (2006.01)
H02N 2/18 (2006.01)
(87) WO2024/148171
(31) 63/437,113 (32) 04.01.23 (33) US
(43) 11.07.2024
(72) RIDDELL, Michael, Joseph
(74) Spruson & Ferguson
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- (71) WESTERN SYDNEY UNIVERSITY
(11) AU-A-2023397402
(21) 2023397402 (22) 12.12.2023
(54) SYSTEMS FOR IMAGING A TARGET OBJECT MOVING RELATIVE TO BACKGROUND FEATURES
(51) Int. Cl.
H04N 23/695 (2023.01)
B64G 3/00 (2006.01)
G01S 3/786 (2006.01)
G06T 7/20 (2017.01)
G06T 7/73 (2017.01)
H04N 7/18 (2006.01)
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(43) 20.06.2024
(72) MARCIREAU, Alexandre; JOUBERT, Damien; COHEN, Gregory; VAN SCHAICK, André
(74) FB Rice Pty Ltd
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- (71) WESTROCK PACKAGING SYSTEMS, LLC
(11) AU-A-2024206370
(21) 2024206370 (22) 04.01.2024
(54) ARTICLE CARRIER AND BLANK THERFOR
(51) Int. Cl.
B65D 71/18 (2006.01)
(87) WO2024/148160
(31) 63/437,396 (32) 06.01.23 (33) US
(43) 11.07.2024
(72) MERZEAU, Julien D.
(74) Spruson & Ferguson
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- (71) WISK AERO LLC
(11) AU-A-2024210494
(21) 2024210494 (22) 17.01.2024
(54) EMERGENCY ENERGY RESERVE SOLUTION FOR BATTERY ELECTRIFIED AIRCRAFT
(51) Int. Cl.
H02J 9/00 (2006.01)
B60L 50/15 (2019.01)
B64C 27/68 (2006.01)
H02J 9/04 (2006.01)
B64C 13/50 (2006.01)
(87) WO2024/155655
(31) 63/439,413 (32) 17.01.23 (33) US
(43) 25.07.2024
(72) GAO, Rui; BURGART, Michael John; LONG, Geoffrey Alan
(74) Davies Collison Cave Pty Ltd
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- (71) WORCESTER POLYTECHNIC INSTITUTE
(11) AU-A-2023398849
(21) 2023398849 (22) 14.12.2023
(54) AUTO-THERMAL HYDROTHERMAL LIQUEFACTION OF WASTES
(51) Int. Cl.
B09B 3/40 (2022.01)
B09B 3/70 (2022.01)
B09B 3/80 (2022.01)
C10G 1/00 (2006.01)
C10G 1/10 (2006.01)
B09B 101/75 (2022.01)
(87) WO2024/130001
(31) 63/432,978 (32) 15.12.22 (33) US
(43) 20.06.2024
(72) TIMKO, Michael; MAGG, Alex R.; BELDEN, Elizabeth; TOMPSETT, Geoffrey A.; TEIXEIRA, Andrew R.; PANAHI, Aidin; CHARLEBOIS, Andrew; KAUFFMAN, Skyler
(74) Spruson & Ferguson
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- (71) WUXI EA BIO-TECH CO., LTD.
(11) AU-A-2024361202
(21) 2024361202 (22) 27.12.2024
(54) METHOD FOR GENERATING EDGE CUTTING LINE FOR ORTHODONTIC ALIGNER, ORTHODONTIC ALIGNER AND COMPUTER-READABLE MEDIUM
(51) Int. Cl.
A61C 7/08 (2006.01)
G06F 30/20 (2020.01)
(31) 202311871847.2 (32) 29.12.23 (33) CN
(43) 17.07.2025
(72) WANG, Meng; LI, Junsheng; ZHENG, Yikan
(74) Davies Collison Cave Pty Ltd
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- (71) XUZHOU HEAVY MACHINERY CO., LTD.
(11) AU-A-2023420830
(21) 2023420830 (22) 14.12.2023
(54) HYBRID-POWER CONTROL METHOD AND SYSTEM, AND CRANE
(51) Int. Cl.
B66C 13/48 (2006.01)
(87) WO2024/146344
(31) 202310006408.9 (32) 04.01.23 (33) CN
(43) 11.07.2024
(72) DING, Honggang; LIU, Jianli; ZHAO, Jianguo; SUN, Wenzan; JIAO, Jingqiong; MA, Zhi
(74) intellect Group
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- (71) XYPHOS BIOSCIENCES INC.
(11) AU-A-2024218790
(21) 2024218790 (22) 06.02.2024
(54) CHIMERIC ANTIGEN RECEPTOR AND ANTIBODY-NKG2D LIGAND DOMAIN FUSION PROTEIN
(51) Int. Cl.
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/46 (2006.01)
C07K 19/00 (2006.01)
(87) WO2024/167875
(31) 63/483,747 (32) 07.02.23 (33) US

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(74) Davies Collison Cave Pty Ltd

(71) ZOLL MEDICAL CORPORATION
(11) AU-A-2024230197
(21) 2024230197 (22) 22.02.2024
(54) MEDICAL SYSTEM FOR DETERMIN-
ING PLACEMENT OF A RESUSCIT-
ATION ASSEMBLY AND PROVIDING
APPROPRIATE CHEST COMPRES-
SION FEEDBACK
(51) Int. Cl.
A61N 1/39 (2006.01)
A61N 1/04 (2006.01)
(87) WO2024/182191
(31) 63/487,114 (32) 27.02.23 (33) US
(43) 06.09.2024
(72) MOSTOFI, Naghmeh; GIACOMETTI,
Paolo; ZAIDI, Naveed
(74) Spruson & Ferguson

(71) ZTE CORPORATION
(11) AU-A-2023379127
(21) 2023379127 (22) 16.02.2023
(54) SYSTEMS AND METHODS FOR RE-
PORTING USER EQUIPMENT CAP-
ABILITY
(51) Int. Cl.
H04W 8/24 (2009.01)
(87) WO2024/098576
(43) 16.05.2024
(72) ZHANG, Yang; GAO, Bo; MEI, Meng;
GUO, Xiaolong; YAO, Ke; LI, Yu Ngok
(74) Spruson & Ferguson

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2023396538	HANGZHOU ZHONGMEIHUADONG PHARMACEUT- ICAL CO., LTD.	2023414613	ADVANCED NEUROMODULATION SYSTEMS, INC.
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2023397418	THE UNIVERSITY OF MELBOURNE	2023415259	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
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		2023417188	COLORADO SCHOOL OF MINES; THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY COR- PORATE
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2023425876	PROFLOAT LLC	2024208037	POOLBEG PHARMA (UK) LIMITED
2023426433	MUSC FOUNDATION FOR RESEARCH DEVELOPMENT	2024208042	N2B LIMITED
2023427991	SEKISUI HOUSE, LTD.	2024208150	PNEUMA RESPIRATORY, INC.
2023428350	ORATOMIC4D PTY LTD		
2023429826	CRENATURE CO., LTD.		
2023432387	ESSITY HYGIENE AND HEALTH AKTIEBOLAG		
2023432589	ESSITY HYGIENE AND HEALTH AKTIEBOLAG		
2023432785	MITSUBISHI HEAVY INDUSTRIES, LTD.		
2023432855	ESSITY HYGIENE AND HEALTH AKTIEBOLAG		
2023432926	ESSITY HYGIENE AND HEALTH AKTIEBOLAG		
2023433270	AXENS		
2023433404	ESSITY HYGIENE AND HEALTH AKTIEBOLAG		
2023435385	MITSUBISHI HEAVY INDUSTRIES, LTD.		

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2024208280	GRAPHIC PACKAGING INTERNATIONAL, LLC	2024214526	BOBST MEX SA
2024208398	HUNTER AGRICULTURE INCORPORATED	2024214805	GETINGE DISINFECTION AB
2024208421	CAPITAL ONE SERVICES, LLC	2024214927	TOPSOE A/S
2024208438	SHANGHAI RUNSHI MEDICAL TECHNOLOGY CO., LTD.; SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES	2024215130	STAEDTLER SE
2024208521	VICTAULIC COMPANY	2024215313	STAEDTLER SE
2024208573	EMERJA CORPORATION	2024215530	RETRACTABLE TECHNOLOGIES, INC.; SHAW, T.J.
2024208642	IDE WATER TECHNOLOGIES LTD.	2024215862	SYNGENTA CROP PROTECTION AG
2024208666	DARÉ BIOSCIENCE, INC.	2024216062	CLEAN OIL SERVICES PTY LTD
2024208883	3M INNOVATIVE PROPERTIES COMPANY	2024216421	JUNGWOO METAL IND. CO., LTD.
2024208919	UNITED THERAPEUTICS CORPORATION	2024216645	STEINER AG WEGGIS
2024208950	THE SCRIPPS RESEARCH INSTITUTE	2024216711	TORAY INDUSTRIES, INC.
2024209045	MAX CO., LTD.	2024216754	NIPPON STEEL CORPORATION
2024209080	PHIL RIVERS TECHNOLOGY CO., LTD	2024216821	BIOVERSYS AG
2024209553	MAX CO., LTD.	2024216874	RECORDED BOOKS, INC.
2024209604	LG ELECTRONICS INC.	2024217010	AMGEN INC.
2024209688	MAX CO., LTD.	2024217705	LG ELECTRONICS INC.
2024209707	ACUITY SURGICAL DEVICES, LLC	2024217776	NOVARTIS AG
2024209765	THE UNIVERSITY OF CHICAGO	2024218034	MYCOTECHNOLOGY, INC.
2024209839	MAX CO., LTD.	2024218072	LENOVO (SINGAPORE) PTE. LTD.
2024209912	MAX CO., LTD.	2024218312	ALCON INC.
2024210056	MAX CO., LTD.	2024218505	CLADE THERAPEUTICS, INC.
2024210058	THE SALFORD VALVE COMPANY LTD	2024218680	ALCON INC.
2024210087	UOP LLC	2024218790	XYPHOS BIOSCIENCES INC.
2024210091	3M INNOVATIVE PROPERTIES COMPANY	2024218920	LG ELECTRONICS INC.
2024210104	WELBILT FOODSERVICE COMPANIES, LLC	2024219164	LG ELECTRONICS INC.
2024210107	UNIVERSITY OF WYOMING	2024219221	KAO CORPORATION
2024210159	GENTEX CORPORATION	2024220429	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
2024210206	POLARIS INDUSTRIES INC.	2024220571	SYMCEL AB
2024210333	GIGAGEN, INC.	2024220775	CYRUS THERAPEUTICS INC.; KANAPH THERAPEUTICS INC.
2024210349	LEGRAND DPC, LLC	2024220804	NORSEPOWER OY LTD
2024210398	MAX CO., LTD.	2024220839	BUSCH PRODUKTIONS GMBH
2024210417	GENTEX CORPORATION	2024221115	CARL FREUDENBERG KG
2024210477	UNIVERSITY OF MASSACHUSETTS	2024221317	RAY THERAPEUTICS, INC.; WAYNE STATE UNIVERSITY
2024210494	WISK AERO LLC	2024222919	BIOTAGE AB
2024210539	HITACHI, LTD.	2024223024	NOKIA TECHNOLOGIES OY
2024210570	FERRING B.V.	2024223629	1376683 B.C. LTD
2024210617	UOP LLC	2024224003	BK ENERGY CO., LTD.
2024210744	NRG THERAPEUTICS LTD	2024225242	CARROSSERIE HESS AG
2024210763	UOP LLC	2024226385	BONCALOR AB
2024210882	BIONTECH SE	2024226465	ALCON INC.
2024210894	ADCYTHERIX SAS	2024227728	SINOWAY FOREST TECHNOLOGY CO., LTD
2024210914	UNITED THERAPEUTICS CORPORATION	2024227851	VICTAULIC COMPANY
2024211188	ABBOTT DIABETES CARE INC.	2024228062	TORAY INDUSTRIES, INC.
2024211293	HINGE HEALTH, INC.	2024228252	VICTAULIC COMPANY
2024211317	CODEXIS, INC.	2024229342	EASTMAN CHEMICAL COMPANY
2024211543	AC IMMUNE SA	2024230197	ZOLL MEDICAL CORPORATION
2024211611	LG ELECTRONICS INC.	2024231139	BAYER CROPSCIENCE LP
2024211721	ECENTIAL ROBOTICS	2024231935	FERRING B.V.
2024211738	MUSCO CORPORATION	2024232211	PROMETHEON TECHNOLOGIES BV
2024211805	INTERNATIONAL FLAVORS & FRAGRANCES INC.	2024232598	AMGEN INC.
2024211851	MUSCO CORPORATION	2024232989	ELECTROLUX APPLIANCES AKTIEBOLAG
2024211867	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2024233635	SNYDER INNOVATIONS LLC
2024211888	ACUMED LLC	2024234064	COST-BRY PTY LTD (TRADING AS BIOMEBANK)
2024212074	VISA INTERNATIONAL SERVICE ASSOCIATION	2024237082	LOTTE CO., LTD.
2024212180	LG ELECTRONICS INC.	2024239730	TRAN, J.
2024212189	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2024246892	RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY
2024212289	THE ALAN NUTTALL PARTNERSHIP LIMITED	2024249288	CCB SUBSEA AS
2024212558	GRIPPLE LIMITED	2024249588	FUJI OIL CO., LTD.
2024212786	AC IMMUNE SA	2024250557	COMROD AS
2024212792	AIRNOV, INC.	2024256026	SOCLEAN, INC.
2024212878	ARLA FOODS AMBA	2024260961	BONDYA GMBH
2024212893	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2024263431	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024213271	MATERNA MEDICAL, INC.	2024266062	SUMITOMO RIKO COMPANY LIMITED
2024213385	BIOSCOUT PTY LTD	2024302894	CEIBO INC.
2024213898	AB INITIO TECHNOLOGY LLC	2024302944	CEIBO INC.
2024213990	BOSTON SCIENTIFIC SCIMED, INC.	2024329875	GEMPHARMATECH CO., LTD
2024214190	GENESYS CLOUD SERVICES, INC.		
2024214245	MASTERCARD INTERNATIONAL INCORPORATED		
2024214490	GRAPHIC PACKAGING INTERNATIONAL, LLC		

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2024350442	GUANGZHOU SHIYUAN ELECTRONIC TECHNOLOGY COMPANY LIMITED; GUANGZHOU SHIRUI ELECTRONICS CO.,LTD.
2024357300	BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.
2024357301	BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.
2024357302	BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.
2024361202	WUXI EA BIO-TECH CO., LTD.
2024373823	NANJING CHERVON INDUSTRY CO., LTD.
2024374501	SAMYANG CORPORATION
2024374517	TSINGHUA UNIVERSITY; NUCTECH COMPANY LIMITED
2024381085	KOREA ZINC CO., LTD.
2024394461	NUCTECH COMPANY LIMITED; TSINGHUA UNIVERSITY
2025201085	PEGASUS SOLAR INC

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2024227728	2023422141	2024210159 2024210417		2022488297	2023418141
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2024206894	2024212878	2024233635	2023420320 2024207835 2024209765	2024218680	2022489599 2023397399 2023400598 2023416551 2023418104 2023418194 2023426433 2024206401 2024207718 2024212893 2024218505 2024234064
<u>A01G 24 I/-</u>	<u>A23C 9 I/-</u>	<u>A47B 13 I/-</u>	<u>A61B 3 I/-</u>	<u>A61G 7 I/-</u>	
2024206894	2024212878	2023416106 2023417439 2023417605	2024206715 2024218680	2023409911	
<u>A01G 25 I/-</u>	<u>A23D 9 I/-</u>		<u>A61B 34 I/-</u>	<u>A61J 3 I/-</u>	
2024206894 2024213385	2024249588	<u>A47B 9 I/-</u>	2023408620 2023410025 2023413749 2024211721	2023418593	
<u>A01K 1 I/-</u>	<u>A23G 1 I/-</u>	2023416106		<u>A61K 103 I/-</u>	
2023407911	2024249588	<u>A47F 3 I/-</u>		2024217776	
<u>A01K 31 I/-</u>	<u>A23G 9 I/-</u>	2024212289	<u>A61B 5 I/-</u>	<u>A61K 31 I/-</u>	<u>A61K 38 I/-</u>
2023407911	2024237082	<u>A47G 1 I/-</u>	2022491156 2023394019 2023394020 2023394022 2023394024 2023409911 2023414394 2023415369 2023418226 2024206715 2024208573	2022476802 2023388801 2023388898 2023389547 2023396538 2023397768 2023399904 2023400026 2023400028 2023403087 2023403190 2023404413 2023404665 2023404746 2023404960 2023406464 2023409940 2023414945 2023415105 2023416592 2023417544 2023418141 2023418678 2023423683 2023425729 2024206123 2024206205 2024206222 2024206259 2024206732 2024206741 2024206808 2024207083 2024208037 2024208438 2024208666 2024209080 2024210570 2024210894 2024210914 2024211867 2024216821 2024217776 2024220775 2024223629 2024231935	2023393471 2023397399 2023416938 2023418194 2023426433 2024206388 2024206771 2024208950 2024210477 2024221317
<u>A01K 67 I/-</u>	2024212878	2024208883 2024210091			<u>A61K 39 I/-</u>
2024329875	<u>A23L 2 I/-</u>	<u>A47G 25 I/-</u>			2023389141 2023390817 2023393471 2023397768 2023408531 2023415250 2023416371 2023416563 2023417538 2023418141 2023418690 2023418711 2023421423 2023425729 2024207916 2024208950 2024210882 2024212786 2024218505 2024218790
<u>A01M 23 I/-</u>	2023409940 2023419073 2024218034	2024207764			
2023411688	<u>A23L 27 I/-</u>	2023423919 2024216645	<u>A61B 90 I/-</u>		<u>A61K 41 I/-</u>
<u>A01M 7 I/-</u>	2024211805 2024218034	<u>A47K 10 I/-</u>	2023408620 2023410025 2023413749 2023420320 2024214805		2023404960 2023406829
<u>A01N 1 I/-</u>	<u>A23L 29 I/-</u>	2022490420	<u>A61C 13 I/-</u>		<u>A61K 45 I/-</u>
2024206475	2023409940 2023419073 2024374501	<u>A47K 5 I/-</u>	2023428350		2023397768 2023403087 2024206259 2024210882 2024217776
<u>A01N 25 I/-</u>	<u>A23L 33 I/-</u>	2023432387 2023432589 2023432855 2023432926 2023433404	<u>A61C 7 I/-</u>		
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2024210477	2023418593 2023418708 2024211805	<u>A61B 1 I/-</u>	2024226465		
<u>A01N 65 I/-</u>	<u>A24D 1 I/-</u>	2024213990 2024214805 2024218312 2024226465	<u>A61F 13 I/-</u>		
2023429826	2024208042	<u>A61B 17 I/-</u>	2022488297 2023420320 2024206126 2024207180 2024209707		
<u>A01P 13 I/-</u>	<u>A24F 40 I/-</u>				
2023401002	2024208042				
<u>A01P 17 I/-</u>	<u>A42B 1 I/-</u>				
2023429826	2024233635				
<u>A22B 5 I/-</u>					
2023415243					

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2023407128		A61P 19 /-	2023406829	2024208521	2023398849
2023409940	2023390980		2023406830		2024206311
2023416592	2024209765	2023388801	2023408531	A63B 23 /-	
2023418711		2023397399	2023415250		B09B 5 /-
2023419073	A61M 15 /-	2023406830	2023416371	2024213271	
2023423683		2023415250	2023416563		2024206311
2024206388	2024208150	2023417544	2023416938	B01D 17 /-	
2024206556		2024208438	2023417538		B21D 22 /-
2024206771	A61M 16 /-		2023418690	2024216062	
2024208666		A61P 21 /-	2023418711		2023411339
2024210570	2023409924		2023421423	B01D 21 /-	
2024223629	2024208150	2024206259	2023426433		B21D 39 /-
2024234064	A61M 25 /-	A61P 25 /-	2024206123	2024216062	
			2024206259	B01D 35 /-	2023411339
A61K 48 /-	2023420320	2023389549	2024206741		B21F 15 /-
	2024206126	2023403087	2024208438	2023420500	
2023397399	2024206385	2023415105	2024217776		2024209045
2023417538	2024207180	2023417544	2024218505	B01D 53 /-	2024209553
2023419990		2023418678	2024220775		2024209688
2024206034	A61M 29 /-	2024206007		2023408785	2024209912
2024221317		2024206205	A61P 37 /-	2023410172	2024210056
	2024213271	2024206259			2024210398
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	A61M 39 /-	2024209080	2023415250		B23B 5 /-
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	2024213990	2024211867	2023418194	B01J 13 /-	2023423084
A61K 8 /-			2024209080		
	A61M 5 /-	A61P 27 /-		2024211805	B23K 11 /-
2023400598			A61P 43 /-		
2023419073	2023394022	2023397418		B01J 20 /-	2023411339
2024206492	2023394024	2023406830	2023403087		B23K 9 /-
2024211805	2023406314	2024206401	2023404665	2023410172	
	2024215530	2024206556	2023406830		2024206848
A61K 9 /-		2024208438	2023418678	B01J 8 /-	
	A61N 1 /-		2024208037		B23P 15 /-
2023399904		A61P 29 /-		2024208642	
2023400598	2023414613		A61P 5 /-		2023411339
2023406464	2023415369	2023388801		B01L 3 /-	
2023407128	2023416469	2024206259	2024208666		B24B 19 /-
2023409940	2023418226	2024211867		2023422408	
2023418593	2024230197		A61P 7 /-	2023422770	2023406823
2023419073		A61P 3 /-			
2023419990	A61N 5 /-		2023393471	B04B 5 /-	B24B 3 /-
2023423683		2023417544			
2023425729	2023406829	2023418104	A61P 9 /-	2024216062	2023406823
2024206388	2023417188	2024206259			
2024206401	2024207835	2024206771	2023417544	B05B 1 /-	B24B 45 /-
2024206771	2024217776		2024206259		
2024208438		A61P 31 /-	2024210914	2024208398	2023406823
2024208666	A61P 1 /-			2024208521	
2024210570		2023389141	A61Q 19 /-		B24D 13 /-
2024211543	2023397768	2023404746		B05B 12 /-	
2024211805	2023423683	2023406830	2023400598		2023406823
2024223629		2023415250	2024211805	2024208398	
2024232598	A61P 11 /-	2024208950	A61Q 5 /-		B24D 5 /-
		2024209080		B05B 3 /-	
A61L 15 /-	2023397399	2024216821	2024206492		2023406823
	2023404665		2024211805	2024208398	
2022476802	2023406464	A61P 33 /-			B25J 13 /-
	2023414945		A62C 3 /-	B05B 7 /-	
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		2024210477	2023424666	2024210058	2024209688
2024214805	A61P 15 /-			B08B 15 /-	2024209912
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		2023389547	2024208521	B09B 101 /-	2024209045
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		2023397768	A62C 35 /-	2023398849	2024209688
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2023395300	<u>B33Y 10 /-</u>	<u>B61L 15 /-</u>	2023419571	<u>B68C 1 /-</u>	<u>C07C 39 /-</u>
2023395302	2023419073	2023406539	2024212792	2023410724	2024223629
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2023396880	2023447364	2023447364	2024212792	2024232211	2024223629
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2024228062	2023417578	2024209912	2023411339	2024210107	2024210617
<u>B29C 44 /-</u>	<u>B60L 5 /-</u>	<u>B62L 3 /-</u>	<u>B65D 71 /-</u>	2024232211	2024210763
2024229342	2022492439	2024210206	2024206370	<u>C01B 33 /-</u>	<u>C07C 69 /-</u>
<u>B29C 48 /-</u>	<u>B60L 50 /-</u>	<u>B63B 17 /-</u>	<u>B65D 77 /-</u>	2023410172	2024208919
2024229342	2024210494	2024220804	2023411498	<u>C07C 1 /-</u>	<u>C07C 7 /-</u>
<u>B29C 63 /-</u>	<u>B60L 53 /-</u>	<u>B63H 21 /-</u>	<u>B65D 81 /-</u>	2024210763	2024210617
2023425876	2023420750	2024220804	2023390994	<u>C07C 11 /-</u>	2024210763
<u>B29C 65 /-</u>	<u>B60L 58 /-</u>	<u>B63H 9 /-</u>	2023419571	2024210617	<u>C07D 205 /-</u>
2023425876	2024225242	2024220804	<u>B65D 83 /-</u>	2024210763	2023407128
<u>B29C 70 /-</u>	2024263431	<u>B64C 13 /-</u>	2024210058	<u>C07C 2 /-</u>	<u>C07D 207 /-</u>
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<u>B29D 11 /-</u>	2023421711	<u>B64C 27 /-</u>	2022490420	2024210763	<u>C07D 213 /-</u>
2023410993	<u>B60R 13 /-</u>	2024210494	<u>B65G 1 /-</u>	<u>C07C 233 /-</u>	2023403190
<u>B31B 100 /-</u>	2023417578	<u>B64G 3 /-</u>	2023410638	2024223629	<u>C07D 231 /-</u>
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<u>B31B 50 /-</u>	2024263431	<u>B65B 3 /-</u>	2024357300	2024210744	<u>C07D 233 /-</u>
2023411498	<u>B60T 13 /-</u>	2024215530	2024357301	<u>C07C 269 /-</u>	2023403190
<u>B31F 1 /-</u>	2023422135	<u>B65D 17 /-</u>	2024357302	2023416339	<u>C07D 235 /-</u>
2023405906	<u>B60T 15 /-</u>	2024214490	<u>B65G 43 /-</u>	<u>C07C 271 /-</u>	2023389547
<u>B32B 1 /-</u>	2023422135	<u>B65D 21 /-</u>	2023410333	2023404746	<u>C07D 237 /-</u>
2024260961	<u>B60T 17 /-</u>	2023411339	2023423164	2023416339	2023417544
<u>B32B 15 /-</u>	2023422135	<u>B65D 23 /-</u>	<u>B65G 65 /-</u>	2023415308	<u>C07D 241 /-</u>
2023417578	<u>B60T 7 /-</u>	2023411498	<u>B65H 75 /-</u>	<u>C07C 303 /-</u>	2023404746
<u>B32B 27 /-</u>	2024210206	<u>B65D 3 /-</u>	2023423010	2023416339	<u>C07D 251 /-</u>
2023417578	<u>B60T 8 /-</u>	2024208280	<u>B66B 19 /-</u>	<u>C07C 309 /-</u>	2023415308
<u>B32B 3 /-</u>	2023422135	<u>B65D 41 /-</u>	2023422446	2023416339	<u>C07D 277 /-</u>
2023417578	2024210206	2023419571	<u>B66C 13 /-</u>	<u>C07C 313 /-</u>	2023403190
		2024212792	2023420830	2023416339	

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<u>C07D 305 I/-</u>		2023418141	<u>C10G 31 I/-</u>	2023419990	2024211188
2024223629	<u>C07D 491 I/-</u>	2023418690		2023426433	2024215862
	2023404413	2023418711	2024210763	2024206034	2024220571
<u>C07D 311 I/-</u>	2024206123	2023421423	<u>C10G 33 I/-</u>	2024206494	
2024223629	2024211867	2024207916		2024206732	<u>C12R 1 I/-</u>
	<u>C07D 493 I/-</u>	2024210333	2024210617	2024207718	2024234064
<u>C07D 317 I/-</u>	2024218505	2024218505		2024208950	
	2024218790	2024218790	<u>C10G 45 I/-</u>	2024210333	<u>C22B 15 I/-</u>
2023407128	2024206741	2024232598		2024210882	
<u>C07D 333 I/-</u>	<u>C07D 495 I/-</u>	<u>C07K 19 I/-</u>	2023433270	2024211317	2024302894
	2024209080	2023415250	2024210763	2024218034	2024302944
2023403190	<u>C07D 498 I/-</u>	2023416371	<u>C10G 50 I/-</u>	2024218505	
	2024216821	2023418711		2024221317	<u>C22B 3 I/-</u>
<u>C07D 401 I/-</u>		2023421423	2024210087	2024329875	2024302894
2023396538	<u>C07D 513 I/-</u>	2024218790	2024210617	<u>C12N 5 I/-</u>	2024302944
2023414945		<u>C07K 7 I/-</u>	<u>C10G 67 I/-</u>	2022489599	2024381085
2023417544	2023404413	2023416938		2022489605	<u>C22C 18 I/-</u>
2024206123	<u>C07D 519 I/-</u>	<u>C08B 37 I/-</u>	2024214927	2023396545	2024216754
2024210744			<u>C10G 69 I/-</u>	2023397399	
2024220775	2024216821	2024206312		2023401285	<u>C23C 2 I/-</u>
<u>C07D 403 I/-</u>	<u>C07F 9 I/-</u>	<u>C08G 59 I/-</u>	2023433270	2023415250	
2024210744	2023404413	2024228062	2024210617	2023416551	2024216754
<u>C07D 405 I/-</u>	2023404960	<u>C08J 11 I/-</u>	2024210763	2023418104	
2023396538	2023406829		<u>C10G 9 I/-</u>	2023418194	<u>C25B 1 I/-</u>
2023404413	2023406830	2023396880		2023418690	
<u>C07D 409 I/-</u>	<u>C07H 15 I/-</u>	<u>C08J 5 I/-</u>	2023433270	2023418711	2023435385
2023404413	2023389141	2024216711	<u>C10M 175 I/-</u>	2023425729	2024210539
<u>C07D 413 I/-</u>	2023406830	2024228062		2023426433	<u>C25B 13 I/-</u>
	<u>C07J 73 I/-</u>	<u>C08K 3 I/-</u>	<u>C10K 1 I/-</u>	2024206401	
2023404413				2024207718	2023432785
2024210744	2024223629	2024206926	2023433270	2024212893	2023435385
<u>C07D 417 I/-</u>	<u>C07K 1 I/-</u>	<u>C09B 47 I/-</u>	<u>C10M 175 I/-</u>	2024218505	
2023396538	2024212189	2023404960		<u>C12N 7 I/-</u>	<u>C25B 15 I/-</u>
2023404413	<u>C07K 14 I/-</u>	<u>C09D 11 I/-</u>	2024216062	2023415558	2023390971
<u>C07D 471 I/-</u>	2023385358	2024215130	<u>C11D 1 I/-</u>	<u>C12N 9 I/-</u>	2024210539
2023389547	2023391468	2024215313			<u>C25B 9 I/-</u>
2023404413	2023415558		2024219221	2023391614	
2023414945	2023416551	<u>C09K 11 I/-</u>	<u>C11D 17 I/-</u>	2023416551	2023432785
2023415105	2023416938	2023404960		2024206494	2023435385
2023417544	2023417538	<u>C10B 53 I/-</u>	2024219221	2024207718	2024210539
2023418678	2023418194		<u>C11D 3 I/-</u>	2024211317	
2024231935	2024206401	2023433270		<u>C12P 1 I/-</u>	<u>C25C 1 I/-</u>
<u>C07D 473 I/-</u>	2024208950	<u>C10G 1 I/-</u>	2024211805	2023423637	2024381085
2023389547	2024210477		<u>C12N 1 I/-</u>		<u>C25C 3 I/-</u>
2023404413	2024212189	<u>C10G 1 I/-</u>		<u>C12P 13 I/-</u>	
<u>C07D 487 I/-</u>	2024218505	2023398849	<u>C12N 15 I/-</u>	2023422407	2023390971
	2024218790	2023433270		2023422676	<u>C25C 7 I/-</u>
	2024221317	<u>C10G 25 I/-</u>	2023391468	<u>C12P 7 I/-</u>	2023390971
2023396538	<u>C07K 16 I/-</u>		2023391614		<u>D06F 103 I/-</u>
2023403422	2023385358	<u>C10G 3 I/-</u>	2023396545	<u>C12Q 1 I/-</u>	2024211611
2023404960	2023389549		2023397399	2023385358	2024212180
2023406829	2023408531	2024214927	2023407128	2023394019	<u>D06F 105 I/-</u>
2023406830	2023415250		2023415250	2023394020	
2023416339	2023415595	<u>C10G 3 I/-</u>	2023415360	2023394022	2024211611
2023417544	2023416371		2023415558	2023394024	2024212180
2024206007	2023416563	2024214927	2023416371	2023408595	
2024206741	2023416592		2023416551	2023418851	<u>D06F 39 I/-</u>
2024209080	2023416938		2023416563	2023422408	
			2023418194	2023422770	2023420500
			2023418711	2024206925	2024217705
				2024210333	2024218920

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	2024220839	2025201085	2024211738	2024266062	2023415369
2024207764			<u>F21V 17 /-</u>	<u>G01C 21 /-</u>	2023418226
2024211611	<u>F01M 1 /-</u>	<u>F16B 7 /-</u>			
2024212180		2023417439	2024211738	2023416301	<u>G01R 15 /-</u>
	2024216062	2023417605		2023418455	
<u>D06F 59 /-</u>			<u>F21V 19 /-</u>		2023390971
	<u>F01M 5 /-</u>			<u>G01J 3 /-</u>	
2024207764		<u>F16F 15 /-</u>	2024211738		<u>G01R 31 /-</u>
	2024216062		2024211851	2023412300	
<u>D21H 27 /-</u>		2024220804			2023390690
	<u>F02B 21 /-</u>		<u>F21V 21 /-</u>	<u>G01J 5 /-</u>	
2023405906		<u>F16F 7 /-</u>			<u>G01S 1 /-</u>
	2024239730		2024211851	2023406958	
<u>E04B 1 /-</u>		2024220804			2024205326
	<u>F02B 75 /-</u>		<u>F21V 23 /-</u>	<u>G01M 13 /-</u>	
2023427991		<u>F16F 9 /-</u>	2024211738		<u>G01S 3 /-</u>
	2024239730	2023471314		2023410333	2023397402
<u>E04B 7 /-</u>	<u>F02F 1 /-</u>		<u>F21V 29 /-</u>	2023423084	
		<u>F16G 11 /-</u>		<u>G01M 17 /-</u>	<u>G01S 5 /-</u>
2023427991	2024239730		2024211738		
<u>E04C 5 /-</u>		2024212558		2023423084	2024205326
	<u>F03B 13 /-</u>		<u>F21Y 115 /-</u>		2024218072
2024209045		<u>F16L 17 /-</u>		<u>G01N 1 /-</u>	<u>G01V 1 /-</u>
2024209553	2024224003		2024211738		
2024209688		2024227851	2024211851	2023422141	2023422635
2024209912	<u>F03D 80 /-</u>				2023447966
2024210056		<u>F16L 19 /-</u>	<u>F24C 15 /-</u>	<u>G01N 15 /-</u>	
2024210398	2024216062				
		2024216421	2024232989	2023422141	<u>G01V 3 /-</u>
<u>E04G 21 /-</u>	<u>F04B 23 /-</u>				
		<u>F16L 21 /-</u>	<u>F24D 3 /-</u>	<u>G01N 21 /-</u>	2023455025
2024209045	2023413324				2024266062
2024209553		2024216421	2023446524	2023418851	
2024209688	<u>F04B 49 /-</u>	2024227851			<u>G01V 5 /-</u>
2024209839			<u>F24F 11 /-</u>	<u>G01N 23 /-</u>	
2024209912	2024220429	<u>F16L 23 /-</u>			2024374517
2024210056			2023439009	2023415243	
2024210398	<u>F04C 18 /-</u>	2024227851		2024394461	<u>G02B 27 /-</u>
			<u>F24H 9 /-</u>		
<u>E21B 33 /-</u>	2024220839	<u>F16L 27 /-</u>		<u>G01N 27 /-</u>	2024206704
			2023446524		
2024249288	<u>F04C 25 /-</u>	2024228252		2023394019	<u>G02B 7 /-</u>
			<u>F24S 30 /-</u>	2023394020	
<u>E21B 47 /-</u>	2024220839	<u>F16L 55 /-</u>		2023394022	2023415367
				2023394024	
2023442617	<u>F04C 29 /-</u>	2023425876		2023422408	<u>G02C 7 /-</u>
2023455025		2024260961	<u>F25D 23 /-</u>	2023422770	
	2024220839				2023397418
<u>E21B 49 /-</u>	<u>F04D 13 /-</u>	<u>F16L 57 /-</u>	2023390994	<u>G01N 30 /-</u>	
					<u>G02F 1 /-</u>
2023442617		2024228252	<u>F25D 25 /-</u>	2024217010	
	2023413324			2024222919	2024205984
<u>E21C 25 /-</u>	<u>F04D 29 /-</u>	<u>F16L 59 /-</u>	2023407171		
				<u>G01N 33 /-</u>	<u>G03B 21 /-</u>
2023464943		2023409915	<u>F25D 31 /-</u>		
	2023413324			2023394019	2024206704
<u>E21C 29 /-</u>	<u>F16B 13 /-</u>	<u>F16L 9 /-</u>		2023394020	
			2023407171	2023394022	<u>G05D 1 /-</u>
2023464943		2023409915	2023415888	2023394024	
	2024250557		2024216645	2023397418	2023418455
<u>E21C 35 /-</u>	<u>F16B 25 /-</u>	<u>F16N 39 /-</u>	<u>F26B 25 /-</u>	2023404960	2024209045
				2023415250	2024209912
2023464943		2024216062		2023418711	
	2025201085		2024232598	2023422770	<u>G06F 11 /-</u>
<u>E21C 41 /-</u>	<u>F16B 33 /-</u>	<u>F17C 13 /-</u>	<u>F26B 5 /-</u>	2024206925	2023414613
				2024210333	2023416469
2023464943		2024220429			
	2025201085		2024232598		
<u>F01C 1 /-</u>	<u>F16B 35 /-</u>	<u>F17D 1 /-</u>	<u>F42B 15 /-</u>	<u>G01N 35 /-</u>	<u>G06F 16 /-</u>
2024220839		2024228252	2023423808	2023422408	2024213898
	2025201085			2023422770	2024216874

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2024206497	2024211293	2024216874	2024206525	2024206608	2023406958
<u>G06F 3 /-</u>	<u>G06T 7 /-</u>	<u>G10L 25 /-</u>	<u>H01Q 11 /-</u>	<u>H02S 20 /-</u>	<u>H04N 7 /-</u>
2024206715	2023397402	2024216874	2024206525	2023394126	2023397402
2024207865	2023419587	<u>G16B 10 /-</u>	<u>H01R 13 /-</u>	2023425071	2023419587
2024216874	2023420138	2023391410	2023416106	2024224003	<u>H04Q 11 /-</u>
<u>G06F 30 /-</u>	2024209045	<u>G16B 20 /-</u>	2024373823	<u>H02S 30 /-</u>	2024205984
2024216874	2024209688	2023385358	<u>H01R 24 /-</u>	2023394126	<u>H04W 12 /-</u>
2024361202	2024211293	<u>G16B 30 /-</u>	2023416106	2024224003	2023415737
<u>G06F 40 /-</u>	2024215530	<u>G16B 40 /-</u>	<u>H01R 31 /-</u>	<u>H02S 40 /-</u>	<u>H04W 36 /-</u>
2024216874	<u>G06V 10 /-</u>	2023391410	2023416106	2023394126	2023370301
<u>G06F 7 /-</u>	2023420138	<u>G16H 40 /-</u>	<u>H01S 3 /-</u>	<u>H04B 10 /-</u>	<u>H04W 4 /-</u>
2023407187	2024394461	2023391410	2024206704	2024205984	2023406471
<u>G06N 10 /-</u>	<u>G06V 20 /-</u>	<u>G16H 50 /-</u>	<u>H01S 5 /-</u>	<u>H04B 5 /-</u>	2023415737
2023407210	2023419587	2022491156	2024206704	2024206121	<u>H04W 40 /-</u>
2024205984	<u>G06V 40 /-</u>	2023414613	<u>H02H 3 /-</u>	2024206481	2023411688
<u>G06N 20 /-</u>	2024211293	2023415369	<u>H02J 1 /-</u>	<u>H04B 7 /-</u>	<u>H04W 48 /-</u>
2023416469	<u>G07F 13 /-</u>	2023416469	<u>H02J 15 /-</u>	2023423321	2023415737
2023447966	2024210104	2023418226	2024210349	<u>H04L 12 /-</u>	<u>H04W 64 /-</u>
2024205326	<u>G07F 7 /-</u>	<u>H01B 3 /-</u>	<u>H02J 50 /-</u>	2023403482	2024205326
2024206715	2024208421	2024206926	2024206121	2023415737	2024218072
2024211293	2024210104	<u>H01B 9 /-</u>	2024206481	<u>H04L 41 /-</u>	<u>H04W 72 /-</u>
2024216874	<u>G08B 17 /-</u>	2023390971	<u>H02J 7 /-</u>	2023415737	2023411688
2024218072	2023406958	2023403482	2023403482	<u>H04L 45 /-</u>	2023415737
<u>G06N 3 /-</u>	<u>G08B 21 /-</u>	2024206926	2024206121	2023411688	2023423321
2024209604	2023409911	<u>H01M 10 /-</u>	2024206481	<u>H04L 5 /-</u>	<u>H04W 8 /-</u>
<u>G06Q 10 /-</u>	2023419587	2023390971	<u>H02J 9 /-</u>	2023423321	2023379127
2023411329	<u>G08B 25 /-</u>	2023403482	2024210494	2024223024	2023415737
2023416301	2023419587	2023410638	<u>H02K 35 /-</u>	<u>H04L 9 /-</u>	<u>H04W 84 /-</u>
2023418795	<u>G08G 1 /-</u>	2023421725	2024206608	2023406471	2023411688
2022488425	2023418455	2024206311	<u>H02K 5 /-</u>	2023407187	2023415737
2023418570	<u>G08G 3 /-</u>	2024246892	2023415888	2023415737	<u>H04W 88 /-</u>
2024206497	2024208022	<u>H01M 4 /-</u>	<u>H02M 1 /-</u>	2023421725	2023415737
2024208421	<u>G09B 23 /-</u>	2024232211	2023421993	2024206497	<u>H05B 45 /-</u>
2024212074	2023428350	2024246892	<u>H02M 7 /-</u>	2024214245	2024211738
<u>G06Q 30 /-</u>	<u>G10L 13 /-</u>	<u>H01M 50 /-</u>	2023415888	<u>H04M 3 /-</u>	<u>H05B 6 /-</u>
2022488425	2024216874	2023410638	<u>H02M 9 /-</u>	2024214190	2023413390
2023406471	<u>G10L 15 /-</u>	2023417578	2023421993	<u>H04N 19 /-</u>	<u>H05K 7 /-</u>
2023418570	2024216874	2023420189	2023421993	2022490380	2024226385
2023418795	<u>G10L 17 /-</u>	2024373823	2023421993	2023425553	
2024205930	2024216874	<u>H01P 1 /-</u>		2024209604	
<u>G06Q 40 /-</u>	2024216874	2023390971		<u>H04N 23 /-</u>	
2023418570	2024216874	2024232211		2023397402	
2024213898	2024216874	2023420706		2024350442	
<u>G06Q 50 /-</u>	2024216874				
2023411329					
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(71) A. Raymond et Cie (11) AU-B-2019333566 (21) 2019333566 (22) 14.08.2019 (54) Device for connecting tubular elements (51) Int. Cl. F16B 7/04 (2006.01) F16C 11/04 (2006.01) (87) WO2020/043975 (31) 1857760 (32) 29.08.18 (33) FR (43) 05.03.2020 (44) 17.07.2025 (72) DAVID, Matthieu; BIZZINI, Olivier; HAMITOUCHE, Sébastien (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd	(71) Academisch Ziekenhuis Leiden (H.O.D.N. LUMC) (11) AU-B-2019356414 (21) 2019356414 (22) 09.10.2019 (54) Binding proteins specific for HA-1H and uses thereof (51) Int. Cl. C07K 14/725 (2006.01) A61K 35/17 (2015.01) C07K 14/74 (2006.01) C12N 5/0783 (2010.01) (87) WO2020/076156 (31) 2021789 (32) 10.10.18 (33) NL (43) 16.04.2020 (44) 17.07.2025 (72) HEEMSKERK, Mirjam H.M.; FALKENBURG, J.H. Frederik (74) FB Rice Pty Ltd	(44) 17.07.2025 (72) NELSON, Jr., David D.; HERNDON, Scott C.; SHORTER, Joanne H.; ROSCIOLI, Joseph R. (74) PHILLIPS ORMONDE FITZPATRICK
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A62D 3/40 (2007.01)
B09B 3/40 (2022.01)
C01B 32/50 (2017.01)
C04B 18/06 (2006.01)
C10J 3/00 (2006.01)
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G08G 1/16 (2006.01)
B60W 30/095 (2012.01)
G08G 1/01 (2006.01)
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A61K 39/395 (2006.01)
A61K 45/00 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
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A61K 36/73 (2006.01)
A23L 5/00 (2016.01)
A23L 19/00 (2016.01)
A61K 8/9789 (2017.01)

A61Q 17/04 (2006.01)
A61Q 19/08 (2006.01)
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B66F 9/065 (2006.01)
B66F 9/24 (2006.01)
H01M 50/244 (2021.01)
H01M 50/262 (2021.01)
H01R 11/28 (2006.01)
H01R 13/04 (2006.01)
H01R 13/42 (2006.01)
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A61C 9/00 (2006.01)
A61B 5/00 (2006.01)
G06T 5/00 (2006.01)

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F24F 1/0073 (2019.01)
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H04N 23/60 (2023.01)
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C08K 5/544 (2006.01)
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C11D 3/04 (2006.01)
C11D 3/08 (2006.01)
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B03C 3/04 (2006.01)
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G06Q 20/02 (2012.01)
G06Q 20/40 (2012.01)
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A61B 17/84 (2006.01)
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C08J 5/22 (2006.01)
C25B 13/08 (2006.01)
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H02K 1/18 (2006.01)
H02K 3/04 (2006.01)
H02K 3/46 (2006.01)
H02K 21/24 (2006.01)
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A01N 43/58 (2006.01)
C07D 237/16 (2006.01)
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C12Q 1/6827 (2018.01)
C40B 40/08 (2006.01)
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A61B 18/14 (2006.01)
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A61F 2/38 (2006.01)
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A01J 7/02 (2006.01)
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F26B 21/06 (2006.01)
C01D 15/02 (2006.01)
F26B 3/08 (2006.01)
F26B 21/02 (2006.01)
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G01N 33/574 (2006.01)
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E21B 36/00 (2006.01)
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G01N 35/00 (2006.01)
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C07C 313/08 (2006.01)
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B65G 47/08 (2006.01)
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C02F 9/00 (2006.01)
B01D 53/34 (2006.01)
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C12N 9/06 (2006.01)
A61K 38/44 (2006.01)
A61P 3/00 (2006.01)
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A61P 3/10 (2006.01)
A61P 9/10 (2006.01)
A61P 9/12 (2006.01)
A61P 13/12 (2006.01)
A61P 19/02 (2006.01)
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G01N 23/00 (2006.01)
G01T 1/29 (2006.01)
G21F 3/00 (2006.01)
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H04L 5/00 (2006.01)
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H04L 69/14 (2022.01)
H04W 4/44 (2018.01)
H04W 12/02 (2009.01)
H04W 12/06 (2021.01)
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B66B 19/00 (2006.01)
E04F 17/00 (2006.01)
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STUDER, Christian
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C07D 211/24 (2006.01)
A61K 31/445 (2006.01)
A61K 31/4545 (2006.01)
A61P 35/00 (2006.01)
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C07D 401/12 (2006.01)
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C07C 269/08 (2006.01)
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H04L 12/18 (2006.01)

H04L 45/16 (2022.01)

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A42B 7/00 (2006.01)

A42B 1/045 (2021.01)

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B65H 9/00 (2006.01)

B65H 5/06 (2006.01)

B65H 5/36 (2006.01)

G07D 11/17 (2019.01)

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C21C 7/06 (2006.01)

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F16K 11/00 (2006.01)

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H02S 40/36 (2014.01)

H10F 19/90 (2025.01)

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A42B 3/22 (2006.01)

G02B 27/01 (2006.01)

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F41A 9/60 (2006.01)

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B65G 17/00 (2006.01)

B65G 17/06 (2006.01)

B65G 19/04 (2006.01)

B65G 19/20 (2006.01)

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F02B 37/12 (2006.01)

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F02D 23/00 (2006.01)

F02D 41/00 (2006.01)

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A23C 9/00 (2006.01)

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A47K 10/16 (2006.01)

A61K 8/81 (2006.01)

B31F 1/07 (2006.01)

B31F 1/12 (2006.01)

D21H 27/02 (2006.01)

D21H 27/40 (2006.01)

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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) University of Tsukuba
(11) AU-B-2020324649
(21) 2020324649 **(22)** 30.07.2020
(54) Hydrophilic-hydrophobic copolymer carrying short-chain fatty acid ester
(51) Int. Cl.
A61P 1/04 (2006.01)
A61K 31/19 (2006.01)
A61K 47/60 (2017.01)
A61P 1/16 (2006.01)
A61P 3/04 (2006.01)
A61P 35/00 (2006.01)
C08F 8/14 (2006.01)
C08F 290/06 (2006.01)
C08F 293/00 (2006.01)
C08G 65/334 (2006.01)
(87) WO2021/024906
(31) 2019-143619 **(32)** 05.08.19 **(33)** JP
(43) 17.07.2025
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(72) NAGASAKI, Yukio; SHASHNI, Babita; VONG, Binh Long; OKADA, Ryusaku; TAJIKA, Yuya; LEE, Yaroslav
(74) Phillips Ormonde Fitzpatrick

(71) Upl Ltd
(11) AU-B-2020206874
(21) 2020206874 **(22)** 08.01.2020
(54) Herbicidal combination
(51) Int. Cl.
A01N 57/20 (2006.01)
A01N 43/80 (2006.01)
A01N 43/84 (2006.01)
(87) WO2020/144585
(31) 201931000998 **(32)** 09.01.19 **(33)** IN
(43) 16.07.2020

(44) 17.07.2025
(72) LIMA SILVA, Ferdinando Marcos; MEGDA, Flavia Ferreira
(74) Churchill Attorneys

(71) Urschel Laboratories, Inc.
(11) AU-B-2024219748
(21) 2024219748 **(22)** 16.09.2024
(54) Clamping Assemblies for Securing Knives to Slicing Machines, Slicing Machines Equipped Therewith, and Tools for Use Therewith
(51) Int. Cl.
B26D 7/26 (2006.01)
B26D 1/00 (2006.01)
B26D 1/03 (2006.01)
(43) 10.10.2024
(44) 17.07.2025
(62) 2022292660
(72) Gereg, Dustin Joseph
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) USA MEDICAL ELECTRONIX, INC.
(11) AU-B-2022212109
(21) 2022212109 **(22)** 28.01.2022
(54) POCKET-SIZED AUTOMATED EXTERNAL DEFIBRILLATOR
(51) Int. Cl.
A61N 1/39 (2006.01)
(87) WO2022/165179
(31) 63/142,910 **(32)** 28.01.21 **(33)** US
(43) 04.08.2022
(44) 17.07.2025
(72) KUUTTI, Tommi; TIKHONOV, Victor
(74) PHILLIPS ORMONDE FITZPATRICK

UTI Limited Partnership see Provectus Pharmatech, Inc.
(21) 2021242300

(71) Välinge Innovation AB
(11) AU-B-2020355582
(21) 2020355582 **(22)** 23.09.2020
(54) Set of panels with mechanically locking edges
(51) Int. Cl.
E04F 15/02 (2006.01)
(87) WO2021/058551
(31) 19199250.2 **(32)** 24.09.19 **(33)** EP
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(72) NILSSON, Anders; QUIST, Karl; YLIKANGAS, Roger; BOO, Fredrik
(74) Phillips Ormonde Fitzpatrick

(71) Ventora Medical Pty Ltd
(11) AU-B-2020230457
(21) 2020230457 **(22)** 06.03.2020
(54) Systems, devices and methods for determining laryngopharyngeal pressure and/or lower oesophageal sphincter pressure
(51) Int. Cl.
A61J 15/00 (2006.01)
A61B 1/267 (2006.01)

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A61B 5/03 (2006.01)
A61B 5/087 (2006.01)
A61M 16/04 (2006.01)
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Charles Wilhelm; HARTLEY, Lorinda
Kathleen; YU, Amy; HASZARD, Alan;
THEDA, Christiane
(74) FB Rice Pty Ltd

(71) Viobac ApS
(11) AU-B-2020251798
(21) 2020251798 **(22)** 03.04.2020
(54) A sterilisation device for sterilising a
section of a catheter tube and a meth-
od for sterilising a section of a catheter
tube
(51) Int. Cl.
A61L 2/10 (2006.01)
A61N 5/00 (2006.01)
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(31) PA201970218 **(32)** 05.04.19 **(33)** DK
(43) 08.10.2020
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(72) KØPPEN, Kasper Storm; ANDERSEN,
Mads Ørbæk; HALILI, Andrim
(74) WRAYS PTY LTD

(71) WANG, L.
(11) AU-B-2021457727
(21) 2021457727 **(22)** 30.07.2021
(54) NASAL FILTER
(51) Int. Cl.
A62B 23/06 (2006.01)
A61M 15/00 (2006.01)
A61M 15/08 (2006.01)
A61M 16/00 (2006.01)
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(72) WANG, Lei
(74) Madderns Pty Ltd

(71) Wayne State University
(11) AU-B-2024200016
(21) 2024200016 **(22)** 02.01.2024
(54) IDENTIFICATION OF MUTATIONS IN
CHANNELOPSIN VARIANTS HAVING
IMPROVED LIGHT SENSITIVITY AND
METHODS OF USE THEREOF
(51) Int. Cl.
C07K 14/405 (2006.01)
A61K 35/30 (2015.01)
A61K 35/34 (2015.01)
A61K 41/00 (2020.01)
C07K 14/705 (2006.01)
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Qi; Abrams, Gary
(74) PHILLIPS ORMONDE FITZPATRICK

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B.V.
(11) AU-B-2023248739
(21) 2023248739 **(22)** 28.03.2023
(54) VALVE
(51) Int. Cl.
F16K 1/44 (2006.01)
F16K 1/38 (2006.01)
F16K 1/46 (2006.01)
F16K 1/54 (2006.01)
F16K 47/02 (2006.01)
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(31) 2204876.3 **(32)** 04.04.22 **(33)** GB
(43) 17.07.2025
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(72) STROEKEN, Johannes; UM-
MENTHUN, Frank
(74) WEIR MINERALS AUSTRALIA LTD

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B.V.
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(21) 2023250352 **(22)** 21.03.2023
(54) VALVE
(51) Int. Cl.
F16K 1/38 (2006.01)
F16K 31/06 (2006.01)
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(72) STROEKEN, Johannes; UM-
MENTHUN, Frank
(74) WEIR MINERALS AUSTRALIA LTD

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(21) 2019336610 **(22)** 23.08.2019
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and compositions thereof
(51) Int. Cl.
C01B 32/19 (2017.01)
C01B 32/192 (2017.01)
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X.; KITTRELL, Wilbur Carter; CHEN,
Weiyin
(74) Davies Collison Cave Pty Ltd

Williams, S. see K&N Engineering, Inc.
(21) 2019364649

(71) Wilson Wolf Manufacturing, LLC
(11) AU-B-2023216819
(21) 2023216819 **(22)** 16.08.2023
(54) Improved culture methods and devices
for testing
(51) Int. Cl.
C12M 3/00 (2006.01)
(43) 07.09.2023

(44) 17.07.2025
(62) 2021202948
(72) Wilson, John R.; Welch, Daniel P.
(74) Griffith Hack

**WISER, F.C. see Environmental Manage-
ment Confederation, Inc.**
(21) 2019314565

(71) Wonderland Switzerland AG
(11) AU-B-2023282322
(21) 2023282322 **(22)** 15.12.2023
(54) Child safety seat
(51) Int. Cl.
B60N 2/433 (2006.01)
B60N 2/28 (2006.01)
B60N 2/42 (2006.01)
(43) 18.01.2024
(44) 17.07.2025
(62) 2022201233
(72) MASON, Kyle S.; MA, Andrew; LEH-
MAN, David A.
(74) FB Rice Pty Ltd

(71) Yan' AN UNIVERSITY
(11) AU-B-2025200127
(21) 2025200127 **(22)** 08.01.2025
(54) Device and Method for Preparing Car-
bon Dioxide Microemulsion
(51) Int. Cl.
C02F 1/36 (2023.01)
C02F 1/68 (2023.01)
(31) 202411025129.8 **(32)** 29.07.24 **(33)** CN
(43) 17.07.2025
(44) 17.07.2025
(72) HUANG, Feifei; YANG, Yandong;
KANG, Shaofei; WANG, Hengli
(74) PATENTS AU PTY LTD

(71) YETI COOLERS, LLC
(11) AU-B-2023283819
(21) 2023283819 **(22)** 07.06.2023
(54) CONTAINER WITH HANDLE AND
LATCHING SYSTEM
(51) Int. Cl.
A45C 5/04 (2006.01)
A45C 13/26 (2006.01)
B65D 25/28 (2006.01)
(87) WO2023/240119
(31) 17/835,849 **(32)** 08.06.22 **(33)** US
(43) 14.12.2023
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olas James; SCOTT, Steven M.;
RUCHTE, Elizabeth; WINTERHALTER,
Andrew J.; MORRIS, Liza
(74) GLMR

(71) Zensun (Shanghai) Science & Techno-
logy, Co., Ltd.
(11) AU-B-2022203800
(21) 2022203800 **(22)** 02.06.2022
(54) Compositions and methods for treating
heart failure
(51) Int. Cl.
C07K 14/475 (2006.01)

Applications Accepted - Name Index cont'd

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A61P 9/04 (2006.01)
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(44) 17.07.2025
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(72) ZHOU, Mingdong
(74) Spruson & Ferguson

(71) Zhuhai Qiwei Bio-Technology Ltd.
(11) AU-B-2019382044
(21) 2019382044 **(22)** 12.11.2019
(54) Animal models, screening methods, and treatment methods for intraocular diseases or disorders
(51) Int. Cl.
A01K 67/02 (2006.01)
A61K 49/00 (2006.01)
A61P 27/02 (2006.01)
A61P 31/00 (2006.01)
(87) WO2020/098630
(31) 201811351660.9 **(32)** 14.11.18 **(33)** CN
 PCT/ 03.12.18 CN
 CN2018/118929
(43) 22.05.2020
(44) 17.07.2025
(72) ZHANG, Yan
(74) Davies Collison Cave Pty Ltd

(71) ZTE CORPORATION
(11) AU-B-2023387355
(21) 2023387355 **(22)** 20.01.2023
(54) SYSTEMS AND METHODS FOR CHANNEL STATE INFORMATION REPORT ENHANCEMENT
(51) Int. Cl.
H04L 5/00 (2006.01)
(87) WO2024/108762
(43) 30.05.2024
(44) 17.07.2025
(72) ZOU, Minqiang; ZHANG, Shujuan; GAO, Bo; YAN, Wenjun; LU, Zhaohua
(74) Spruson & Ferguson

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2018280129	OhmiQ, Inc.	2019400552	IFP Energies nouvelles
2018330165	ACCESS TO ADVANCED HEALTH INSTITUTE	2019404576	Amgen Inc.
2018330180	Augusta University Research Institute, Inc.	2019405977	Gen-Probe Incorporated; Grifols Diagnostic Solutions Inc.
2018338322	Memorial Sloan Kettering Cancer Center		
2018342007	The Johns Hopkins University; Board of Regents, The University of Texas Systems; The Research Foundation for the State University of New York	2019411267	Illumina Cambridge Limited
		2019422740	August Rüggeberg GmbH & Co. KG
2018346295	Unisensor	2019432936	Impulse Technology LLC
2018353409	Institut Pasteur de Lille; Institut National de la Santé et de la Recherche Médicale (INSERM)	2019441369	SutureGard Medical, Inc.
2018359219	Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.	2020200185	Glory Ltd.
2018363983	Sapporo Medical University; Nipro Corporation	2020200549	Sulzer Management AG
2018379502	AbClon Inc.	2020200818	The Boeing Company
2018422285	Queensland University of Technology	2020206874	Upl Ltd
2018441886	MAKO Surgical Corp.	2020209871	Bayer Aktiengesellschaft
2019227910	University of Pittsburgh - of the Commonwealth System of Higher Education; The Regents of the University of California	2020211015	Tyfo Sports Limited
		2020213270	ARB Corporation Ltd
2019229400	Anthony Innovations Pty Ltd	2020215103	Samplix ApS
2019234726	MELD Manufacturing Corporation	2020215829	Exedy Clutch Europe Limited
2019240901	Medica S.p.A.; Exosomics S.p.A.	2020218361	HYPERICE IP SUBCO, LLC
2019242912	Board of Regents, The University of Texas System	2020219111	Anduril Industries, Inc.
2019247652	Enumera Molecular, Inc.	2020219292	Innospec Limited
2019248547	Bristol-Myers Squibb Company	2020219377	Theracell, LLC
2019249329	Sanofi Pasteur	2020219836	InterDigital VC Holdings, Inc.
2019264879	Renaissance BioScience Corp.	2020223375	D4D Technologies, LLC
2019269666	Bolt Threads, Inc.	2020223777	Schouten, D.
2019277270	SAS Systems Australia Pty Ltd	2020225674	Syngenta Crop Protection AG
2019286402	Foundation Medicine, Inc.	2020228386	Aquacycl LLC
2019299110	Catalent Pharma Solutions, LLC	2020230457	Ventora Medical Pty Ltd
2019301578	Calleja Investments (QLD) Pty Ltd	2020231380	The Regents of the University of California
2019305857	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2020231702	Italfarmaco SpA
2019314565	Environmental Management Confederation, Inc.; WISER, F.C.; KAEPNER, B.	2020234788	Collaborative Medicinal Development, LLC
		2020235933	Sandvik Mining and Construction Oy
2019321654	The Trustees of the University of Pennsylvania	2020236496	Trunature Limited
2019333566	A. Raymond et Cie	2020240153	Sumitomo Chemical Company, Limited
2019336610	William Marsh Rice University	2020244290	Gharda Chemicals Limited
2019336798	The Children's Hospital of Philadelphia	2020245362	Aspen Aerogels, Inc.
2019336839	Max Co., Ltd.	2020246373	International N&H Denmark ApS
2019338239	Archroma IP GmbH	2020251798	Viobac ApS
2019342133	Genentech, Inc.	2020252003	Kimberly-Clark Worldwide, Inc.
2019343003	Orizuru Therapeutics, Inc.	2020253978	BAE Systems PLC
2019346563	Evoqua Water Technologies LLC	2020255432	Suntory Holdings Limited
2019347423	Kabushiki Kaisha Yakult Honsha	2020257561	Istesso Therapeutics Limited
2019347855	FMC Corporation	2020261513	General Energy Recovery Inc.
2019349729	Bayer Aktiengesellschaft	2020262392	CorNeat Vision Ltd.
2019351578	Reliance Doors Pty Ltd	2020262505	Battelle Memorial Institute
2019356414	Academisch Ziekenhuis Leiden (H.O.D.N. LUMC)	2020267906	Subsea 7 Limited
2019356491	Dow Global Technologies LLC; Rohm and Haas Company	2020268767	Bausch Health Ireland Limited
		2020269887	F. HOFFMANN-LA ROCHE AG
2019361980	Avior, Inc.	2020270518	Caterpillar Global Mining Equipment LLC
2019364649	K&N Engineering, Inc.; Williams, S.	2020272659	Becton, Dickinson and Company
2019366451	Ocuphire Pharma, Inc.	2020275908	UCB Biopharma SRL
2019366472	The Board of Trustees of the Leland Stanford Junior University	2020280673	John Cockerill Defense SA
		2020287606	Position Imaging, Inc.
2019370901	Electrochaea GmbH	2020288978	BAE Systems Hägglunds Aktiebolag
2019374115	BioCryst Pharmaceuticals, Inc.	2020290268	Agro-Kanesho Co., Ltd.
2019378126	Orano Med	2020290333	BAE Systems Hägglunds Aktiebolag
2019382044	Zhuhai Qiwei Bio-Technology Ltd.	2020292544	Swiss Tech Innovation AG
2019384557	Translate Bio, Inc.	2020294393	Tagworks Pharmaceuticals B.V.
2019387435	Barco N.V.	2020295671	Universität Wien
2019390705	Unilin BV	2020306618	Becton Dickinson France
2019392518	Bayer Aktiengesellschaft	2020310470	Radoff S.R.L.
2019395196	Suntory Holdings Limited	2020310491	Sandvik Mining and Construction Tools AB
2019395284	Athenex HK Innovative Limited	2020310533	Reliance Worldwide Corporation (UK) Limited
2019397364	Novo Nordisk A/S	2020310897	Chemocentryx, Inc.
2019397932	ecoSPIRITS Pte. Ltd.	2020314724	KUIU, LLC
2019398462	Paragon 28, Inc.	2020315740	Equifax Inc.
		2020317369	JJ1 Holdings Pty Ltd
		2020320451	Rubicon Research Pty Ltd
		2020324649	University of Tsukuba

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2020327365	Itron, Inc.	2022339804	ELI LILLY AND COMPANY
2020331879	Merus N.V.	2022362215	CCTEG CHINESE INSTITUTE OF COAL SCIENCE
2020333886	Cognibotics AB	2022363358	ORLANDO HEALTH, INC.
2020351308	CAPITAL COM IP LTD	2022376208	LG ELECTRONICS INC.
2020355582	Vålinge Innovation AB	2022396146	THOMSON REUTERS ENTERPRISE CENTRE GMBH
2020359501	Brother Kogyo Kabushiki Kaisha	2022401201	SUMITOMO METAL MINING CO., LTD.; NATIONAL
2020381987	Trelleborg Wheel Systems Italia S.p.A.		UNIVERSITY CORPORATION CHIBA UNIVERSITY
2020402208	NEC Platforms, Ltd.	2022402570	AERONES ENGINEERING, SIA
2020413304	Chiome Bioscience Inc.	2022406194	CASIO COMPUTER CO., LTD.
2020426033	Halliburton Energy Services, Inc.	2022408196	CJ CHEILJEDANG CORPORATION
2020443050	Halliburton Energy Services, Inc.	2022416060	COLGATE-PALMOLIVE COMPANY
2020458791	MARVELOUS INC.	2022436043	Jiangsu Advanced Construction Machinery Innovation
2020481482	CHINA RAILWAY BAOJI BRIDGE GROUP CO., LTD.		Center Ltd.
2021204097	Parkin, N.	2022441542	TONGWEI SOLAR (MEISHAN) CO., LTD.
2021207519	Bendix Commercial Vehicle Systems LLC	2022446867	NIPPON STEEL CORPORATION
2021212075	GARINO, J.P.	2023202448	LigaChem Biosciences Inc.; NovImmune, SA
2021219159	Chugai Seiyaku Kabushiki Kaisha	2023203304	BioAtla, LLC
2021242300	Provectus Pharmatech, Inc.; UTI Limited Partnership	2023203431	Fisher & Paykel Healthcare Limited
2021255679	Neenah Gessner GmbH	2023203655	Asahi Kasei Kabushiki Kaisha
2021265834	Hollister Incorporated	2023204007	Ecolab USA Inc.
2021267381	Graymont Western Canada Inc.	2023204066	Low Carbon Beef LLC
2021268555	Echogen Power Systems (Delaware), Inc.	2023204714	Snap-on Incorporated
2021280230	Lemko Corporation	2023208097	LG Electronics Inc.
2021313159	Bardex Corporation	2023208208	Elkem Silicones USA Corp.
2021373176	HANGZHOU GRAND BIOLOGIC PHARMACEUTICAL INC.	2023212996	REBEL MEDICINE INC
		2023213873	GALVANIZE THERAPEUTICS, INC.
2021390139	BODUS GMBH	2023216819	Wilson Wolf Manufacturing, LLC
2021405048	RED BULL GMBH	2023219933	Cognian Technologies Ltd.
2021411489	GRAPHIC PACKAGING INTERNATIONAL, LLC	2023221195	STAMICARBON B.V.
2021449745	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2023223005	Treace Medical Concepts, Inc.
		2023224485	JAPAN CASH MACHINE CO., LTD.
2021454472	CHINA UNIVERSITY OF MINING AND TECHNOLOGY, BEIJING	2023226534	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
		2023226788	KPR U.S., LLC
2021457727	WANG, L.	2023237024	GEA Farm Technologies, Inc.
2022203679	Bioerativ USA Inc.	2023237037	Jinko Solar (Haining) Co., Ltd.
2022203800	Zensun (Shanghai) Science & Technology, Co., Ltd.	2023237104	Getac Technology Corporation
2022204080	The Scripps Research Institute	2023237222	Amshield Partners Pte. Ltd.
2022205234	Grail, Inc.; The Chinese University of Hong Kong	2023241320	BioNTech US Inc.
2022212109	USA MEDICAL ELECTRONIX, INC.	2023241345	Revolution Medicines, Inc.
2022213941	TAOBODY LIFETIME HEALTHINESS, INC.	2023248189	Shutterstock Ventures LLC
2022219344	MINGHUI PHARMACEUTICAL (HANGZHOU) LIMITED; MINGHUI PHARMACEUTICAL (SHANGHAI) LIMITED	2023248739	WEIR MINERALS NETHERLANDS B.V.
		2023250352	WEIR MINERALS NETHERLANDS B.V.
		2023259796	MFTB Holdco, Inc.
2022221441	Sera Prognostics, Inc.	2023266322	E Ink Corporation
2022221471	Adobe Inc.	2023274116	GEA Process Engineering A/S
2022224418	AERODYNE RESEARCH, INC.	2023274152	Baxter International Inc.; Baxter Healthcare SA
2022232475	ARRAY TECHNOLOGIES, INC.	2023274213	OXTI Pte Ltd
2022244259	NACUITY PHARMACEUTICALS, INC.	2023275531	PROVENTION BIO, INC.
2022245277	ASTRAZENECA AB	2023282322	Wonderland Switzerland AG
2022248847	OCADO INNOVATION LIMITED	2023283819	YETI COOLERS, LLC
2022252693	CROWN EQUIPMENT CORPORATION	2023285769	Chongqing Changan Automobile Co., Ltd.
2022255520	PARAGON 28, INC.	2023285819	Schneider Electric Industries SAS
2022263070	CHANGCHUN GENESCENCE PHARMACEUTICAL CO., LTD.	2023335871	OSAKA SEALING PRINTING CO., LTD.
		2023339194	DOUYIN VISION CO., LTD.
2022263594	The Trustees of the University of Pennsylvania	2023361441	TREVITEK LTD
2022267569	MOMENTIVE PERFORMANCE MATERIALS INC.	2023369167	FLSMIDTH A/S
2022270070	BOSE CORPORATION	2023370169	CHINA COAL TECHNOLOGY & ENGINEERING
2022270897	INVENTIO AG		GROUP SHANGHAI CO., LTD.
2022274793	TOTAL ASSIST CO., LTD.	2023384992	STERILE STATE LLC
2022274870	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2023387355	ZTE CORPORATION
		2023437650	AREPA IP LIMITED
2022279551	The Board of Trustees of the Leland Stanford Junior University	2024200016	Wayne State University
		2024200274	Integrity Security Services, LLC
2022280948	MATSING, INC.	2024200276	Nokia Technologies Oy
2022287637	argenx BV	2024200602	Escala Medical Ltd.
2022293965	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.	2024200608	Metso Finland Oy
		2024200651	Intercontinental Great Brands LLC
2022299766	JFE STEEL CORPORATION	2024201361	Google LLC
2022302746	LG ELECTRONICS INC.	2024202543	KUBOTA CORPORATION
2022306427	BYD COMPANY LIMITED	2024202668	CHANGZHOU BEMATE HOME TECHNOLOGY CO., LTD.
2022327029	MUSKA CO.,LTD		
2022339118	NOVOCURE GMBH	2024202883	Canva Pty Ltd

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2024203606	Joy Global Underground Mining LLC
2024203670	Beijing HyperStrong Technology Co., Ltd.
2024204105	Bios-Therapy, Physiological Systems for Health S.p.A.
2024204474	SHIH, C.
2024204488	Huawei Technologies Co., Ltd.
2024204735	DAIKIN INDUSTRIES, LTD.
2024205779	Avent, Inc.
2024216438	Boston Scientific Scimed Inc.
2024219748	Urschel Laboratories, Inc.
2024227778	BIOTECH, INC.
2024233114	HARPER, S.; BOYD, C.
2024240122	CENAGEN PTY LTD
2024264561	Abbott Diabetes Care Inc.
2024266834	Jackson, C.
2024266971	Precision Planting LLC
2024267007	MAKO Surgical Corp.
2024278444	NEOCRETE LIMITED
2025200127	Yan' AN UNIVERSITY
2025200556	STATE GRID SHANDONG ELECTRIC POWER RE- SEARCH INSTITUTE; SHANDONG POWER IN- DUSTRY BOILER & PRESSURE VESSEL INSPEC- TION CENTER CO., LTD.
2025202012	TOTAL HARDWARE PTY LTD
2025203262	Gen-Probe Incorporated
2025203478	NXGEN HOMES PTY LTD

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<u>A01G 7 I/-</u>	2020206874	2022327029	<u>A61B 1 I/-</u>		2022203800
2024240122	<u>A01N 63 I/-</u>	<u>A23L 33 I/-</u>	2020230457	<u>A61G 13 I/-</u>	2023241320
<u>A01G 9 I/-</u>	2019264879	2023437650	<u>A61B 17 I/-</u>	2022363358	<u>A61K 38 I/-</u>
2024240122	2019349729	<u>A23L 5 I/-</u>	2018441886	<u>A61G 7 I/-</u>	2019321654
<u>A01J 7 I/-</u>	<u>A01P 1 I/-</u>	2022408196	2019398462	2019400552	2019397364
2023237024	2019264879	<u>A42B 1 I/-</u>	2020219377	<u>A61H 39 I/-</u>	2021373176
<u>A01K 67 I/-</u>	<u>A01P 13 I/-</u>	2024266834	2022255520	2022213941	2023203304
2018330180	2019392518	<u>A42B 3 I/-</u>	2023223005	<u>A61H 9 I/-</u>	<u>A61K 39 I/-</u>
2019382044	<u>A01P 3 I/-</u>	2020317369	2024200602	2023226788	2018330165
<u>A01N 1 I/-</u>	2019264879	<u>A42B 7 I/-</u>	<u>A61B 17 I/-</u>	<u>A61J 15 I/-</u>	2018338322
2024227778	2020290268	2024266834	2019441369	2020230457	2018353409
<u>A01N 25 I/-</u>	<u>A01P 3 I/-</u>	<u>A43B 17 I/-</u>	<u>A61B 18 I/-</u>	<u>A61K 31 I/-</u>	2018359219
2022267569	2022267569	2022213941	2023213873	2018338322	2019249329
<u>A01N 31 I/-</u>	2019264879	<u>A43B 7 I/-</u>	<u>A61B 18 I/-</u>	2018422285	2019299110
2020240153	2020290268	2020211015	2024205779	2019264879	2019305857
2022267569	<u>A01P 7 I/-</u>	<u>A44C 9 I/-</u>	<u>A61B 34 I/-</u>	2019336798	2020331879
<u>A01N 33 I/-</u>	2022267569	2019301578	2024205779	2019361980	2020413304
2019392518	<u>A22C 13 I/-</u>	<u>A45C 13 I/-</u>	<u>A61B 5 I/-</u>	2019395284	2021219159
<u>A01N 37 I/-</u>	2020236496	2023283819	<u>A61B 5 I/-</u>	2019404576	2022287637
2019349729	<u>A22C 17 I/-</u>	<u>A45C 5 I/-</u>	2020223375	2020234788	2023241320
2019392518	2020236496	2023283819	2020230457	2020257561	2023275531
<u>A01N 37 I/-</u>	<u>A23C 9 I/-</u>	<u>A45C 7 I/-</u>	2022363358	2020310897	<u>A61K 39 I/-</u>
2022267569	2019347423	2020314724	2023226788	2022263070	2022203679
<u>A01N 39 I/-</u>	<u>A23F 5 I/-</u>	<u>A45F 3 I/-</u>	<u>A61B 6 I/-</u>	2022263594	2022245277
2019392518	2019395196	2020314724	2024233114	2023202448	<u>A61K 41 I/-</u>
<u>A01N 41 I/-</u>	<u>A23G 3 I/-</u>	<u>A46B 15 I/-</u>	<u>A61C 9 I/-</u>	2023212996	2024200016
2019392518	2024200651	2022416060	2020223375	<u>A61K 31 I/-</u>	<u>A61K 45 I/-</u>
<u>A01N 43 I/-</u>	<u>A23L 19 I/-</u>	<u>A47B 88 I/-</u>	<u>A61F 13 I/-</u>	2019366451	2018338322
2019347855	2022327029	2020213270	2019441369	2019374115	2019336798
2019392518	2022408196	<u>A47B 9 I/-</u>	<u>A61F 2 I/-</u>	2020268767	2019361980
2020206874	<u>A23L 2 I/-</u>	2023274213	2018441886	2020294393	2021219159
2020209871	2020255432	<u>A47C 17 I/-</u>	2019432936	2020295671	2023202448
2020225674	<u>A23L 27 I/-</u>	2024204474	2020219377	2020324649	2022245277
2020290268	<u>A23L 29 I/-</u>	<u>A47C 20 I/-</u>	2021212075	2022244259	<u>A61K 47 I/-</u>
<u>A01N 43 I/-</u>	2022327029	2024204474	2022255520	2022245277	<u>A61K 49 I/-</u>
2020240153	2020246373	<u>A47K 10 I/-</u>	<u>A61F 2 I/-</u>	<u>A61K 35 I/-</u>	2018338322
<u>A01N 47 I/-</u>	2022327029	2020252003	2020262392	2018363983	2019299110
2019392518	<u>A23L 33 I/-</u>		<u>A61F 5 I/-</u>	2018379502	2022219344
2020290268			2020211015	2019227910	2023202448
<u>A01N 57 I/-</u>			<u>A61F 6 I/-</u>	2019343003	2023212996
2019392518			2024200602	2019356414	<u>A61K 47 I/-</u>
				2024200016	2020324649
				<u>A61K 36 I/-</u>	<u>A61K 49 I/-</u>
				2019264879	2019382044
				2022408196	<u>A61K 51 I/-</u>
				<u>A61K 38 I/-</u>	2018338322
				2019264879	2019378126
				2019299110	<u>A61K 8 I/-</u>
				2019384557	2022408196
				2020331879	

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<u>A61K 8 /-</u>	<u>A61N 5 /-</u>		2021457727	<u>B21F 15 /-</u>	2019234726 2020200818
2019321654 2020252003	2020251798	<u>A61P 35 /-</u>			
<u>A61K 9 /-</u>	<u>A61N 5 /-</u>	2018330180 2018338322 2018422285 2019299110 2019305857 2019395284 2019404576 2020257561 2020331879 2020413304 2021219159 2022287637 2023202448 2023241345	<u>A62D 101 /-</u>	2019336839	<u>B31F 1 /-</u>
2019384557 2022263594	2020218361		2024240122	<u>B22F 3 /-</u>	2020252003
<u>A61K 9 /-</u>	<u>A61P 1 /-</u>		<u>A62D 3 /-</u>	2019234726	<u>B32B 21 /-</u>
2020268767 2020324649	2020268767 2020324649		2024240122	<u>B23K 20 /-</u>	2019390705
2020268767 2020275908 2022245277	<u>A61P 11 /-</u>		<u>A63F 13 /-</u>	2019234726	<u>B32B 27 /-</u>
<u>A61L 101 /-</u>	2018359219 2019384557		2020458791	<u>B23K 9 /-</u>	2024202668
2023384992	<u>A61P 13 /-</u>	<u>A61P 35 /-</u>	<u>B01D 19 /-</u>	2025200556	<u>B41J 15 /-</u>
<u>A61L 2 /-</u>	2021373176	2020324649 2021373176 2022245277	2020458791	<u>B23Q 1 /-</u>	2020359501
2020251798 2023384992	<u>A61P 17 /-</u>		2023203655	2019234726	<u>B41J 17 /-</u>
<u>A61L 9 /-</u>	2018363983	<u>A61P 37 /-</u>	<u>B01D 39 /-</u>	<u>B24D 5 /-</u>	2020359501
2022274793	<u>A61P 19 /-</u>	2018363983 2020257561 2020310897 2022219344 2022287637 2023202448	2021255679	2019422740	<u>B41J 2 /-</u>
<u>A61M 1 /-</u>	2021373176		<u>B01D 46 /-</u>	<u>B24D 7 /-</u>	2020359501
2020272659	<u>A61P 25 /-</u>	2018363983 2022263070	2019314565	2019422740	<u>B41J 3 /-</u>
<u>A61M 1 /-</u>	<u>A61P 27 /-</u>	<u>A61P 43 /-</u>	<u>B01D 53 /-</u>	<u>B25B 25 /-</u>	2020359501
2023274152	2019382044	2021219159	2021267381 2023203655 2024240122	2019336839	<u>B41M 5 /-</u>
<u>A61M 15 /-</u>	<u>A61P 27 /-</u>	<u>A61P 5 /-</u>	<u>B01D 61 /-</u>	<u>B25D 9 /-</u>	2023335871
2021457727	2019366451	2019343003	2023203655	2020235933	<u>B60B 17 /-</u>
<u>A61M 16 /-</u>	<u>A61P 29 /-</u>	<u>A61P 5 /-</u>	<u>B01F 23 /-</u>	<u>B25J 9 /-</u>	2022446867
2021457727 2023203431	2019248547 2022263070	2019374115	2020215103	2020333886 2024267007	<u>B60C 19 /-</u>
<u>A61M 16 /-</u>	<u>A61P 29 /-</u>	<u>A61P 7 /-</u>	<u>B01F 33 /-</u>	<u>B25J 9 /-</u>	<u>B60C 23 /-</u>
2020230457	2020295671 2021373176	2019374115	2020215103	2025200556	2020381987
<u>A61M 25 /-</u>	<u>A61P 3 /-</u>	<u>A61P 9 /-</u>	<u>B01J 19 /-</u>	<u>B26D 1 /-</u>	<u>B60K 1 /-</u>
2021265834	2019343003 2023275531	2022203800	2020219292 2023221195	2024219748	2024202543
<u>A61M 27 /-</u>	<u>A61P 31 /-</u>	<u>A61Q 17 /-</u>	<u>B01J 47 /-</u>	<u>B26D 7 /-</u>	<u>B60K 17 /-</u>
2021265834	2020295671 2020324649 2021373176	2021373176	2019346563	2024219748	2024202543
<u>A61M 5 /-</u>	<u>A61P 3 /-</u>	<u>A61Q 17 /-</u>	<u>B01J 8 /-</u>	<u>B27F 1 /-</u>	<u>B60L 15 /-</u>
2020272659 2020306618	2020295671 2020324649 2021373176	2022408196	2020219292	2019390705	2024202543
<u>A61M 60 /-</u>	<u>A61P 31 /-</u>	<u>A61Q 19 /-</u>	<u>B03C 3 /-</u>	<u>B29B 17 /-</u>	<u>B60N 2 /-</u>
2024216438	2019264879 2019382044	2022408196	2019314565	2023369167	2023282322
<u>A61N 1 /-</u>	<u>A61P 31 /-</u>	2019321654	<u>B05C 5 /-</u>	2019234726	<u>B60R 11 /-</u>
2022212109 2022274870	2021242300	<u>A61Q 19 /-</u>	2020200818	<u>B29C 63 /-</u>	2023237104
<u>A61N 1 /-</u>	<u>A61P 33 /-</u>	2019321654	<u>B08B 9 /-</u>	2020267906	<u>B60S 5 /-</u>
2022339118	2019264879	<u>A62B 23 /-</u>	2021390139	<u>B29C 65 /-</u>	2023204714
			<u>B09B 3 /-</u>	2020292544	<u>B60W 10 /-</u>
			2024240122	<u>B29C 70 /-</u>	2021280230

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<u>B60W 30 /-</u>		<u>C07C 219 /-</u>		<u>C07K 4 /-</u>	<u>C12M 3 /-</u>
2023285769	<u>B66B 19 /-</u>	2022263594	<u>C07D 401 /-</u>	2023241320	2023216819
	2022270897		2019404576		
<u>B60W 40 /-</u>	<u>B66B 9 /-</u>	<u>C07C 269 /-</u>	2020225674	<u>C08F 2 /-</u>	<u>C12N 1 /-</u>
2021280230	2022248847	2020231702	2020257561	2019338239	2019264879
			2020294393		2019269666
<u>B60W 60 /-</u>	<u>B66D 1 /-</u>	<u>C07C 271 /-</u>	<u>C07D 403 /-</u>	<u>C08F 2 /-</u>	2019349729
2021280230	2021313159	2020231702	2022219344	2020219292	<u>C12N 15 /-</u>
<u>B62D 21 /-</u>	<u>B66F 9 /-</u>	<u>C07C 273 /-</u>	<u>C07D 405 /-</u>	<u>C08F 220 /-</u>	2019227910
2023204714	2022252693	2023221195	2019404576	2019338239	2019264879
			2020225674		2019269666
<u>B62D 55 /-</u>	<u>B67D 3 /-</u>	<u>C07C 275 /-</u>	<u>C07D 413 /-</u>	<u>C08F 290 /-</u>	2020231380
2020288978	2019397932	2023203655	2019404576	2020324649	2020413304
2020290333			2021242300		2021219159
<u>B63B 21 /-</u>	<u>C01B 3 /-</u>	<u>C07C 309 /-</u>	<u>C07D 471 /-</u>	<u>C08F 293 /-</u>	<u>C12N 15 /-</u>
2021313159	2022293965	2020295671	2020290268	2020324649	2019397364
<u>B65B 13 /-</u>	<u>C01B 32 /-</u>	<u>C07C 313 /-</u>	<u>C07D 487 /-</u>	<u>C08F 4 /-</u>	<u>C12N 5 /-</u>
2019336839	2019336610	2020244290	2022263070	2019338239	2018363983
	2024240122	<u>C07D 209 /-</u>		<u>C08F 8 /-</u>	2018379502
<u>B65B 27 /-</u>	<u>C01C 1 /-</u>	2020295671	<u>C07D 498 /-</u>	2020324649	2019343003
2019336839	2023203655	<u>C07D 211 /-</u>	2023241345	<u>C08G 65 /-</u>	2019356414
<u>B65D 25 /-</u>	<u>C01D 15 /-</u>	2020257561	<u>C07D 519 /-</u>	2020324649	2022204080
2023283819	2023274116	<u>C07D 213 /-</u>	2023241345	<u>C08J 5 /-</u>	<u>C12N 7 /-</u>
<u>B65D 81 /-</u>	<u>C02F 1 /-</u>	2020310897	<u>C07F 7 /-</u>	2019346563	2019249329
2019397932	2021267381	<u>C07D 215 /-</u>	2023384992	<u>C08K 5 /-</u>	2020228386
<u>B65D 83 /-</u>	2023203655	2019305857	<u>C07K 14 /-</u>		<u>C12N 9 /-</u>
	2025200127		2018379502	2019338239	2019227910
2020314724	<u>C02F 9 /-</u>	<u>C07D 221 /-</u>	2019269666	<u>C08K 5 /-</u>	2020231380
<u>B65D 85 /-</u>	2021267381	2020225674	2019356414	2019356491	
2019397932	<u>C04B 103 /-</u>	2020295671	2022203800		2019397364
<u>B65G 1 /-</u>	2024278444	<u>C07D 231 /-</u>	2022287637	<u>C08L 83 /-</u>	2021373176
2022248847	<u>C04B 18 /-</u>	2019374115	2023241320	2023208208	<u>C12P 21 /-</u>
<u>B65G 17 /-</u>	2024240122	<u>C07D 237 /-</u>	<u>C07K 14 /-</u>	<u>C09D 133 /-</u>	2023203304
2024203606	<u>C04B 22 /-</u>	2019347855	2023203304	2019356491	<u>C12P 5 /-</u>
<u>B65G 19 /-</u>	2024278444	<u>C07D 241 /-</u>	2024200016	<u>C09D 5 /-</u>	2019370901
2024203606	<u>C04B 28 /-</u>	2020295671	<u>C07K 16 /-</u>		<u>C12Q 1 /-</u>
<u>B65G 47 /-</u>	2024278444	<u>C07D 257 /-</u>	2018330180	<u>C09D 7 /-</u>	2018342007
2021411489	<u>C04B 7 /-</u>	2020209871	2018379502	2019356491	2018363983
<u>B65H 5 /-</u>	2024278444	<u>C07D 295 /-</u>	2019248547		2018422285
2023224485	<u>C07B 59 /-</u>	2022263594	2020331879	<u>C10J 3 /-</u>	2019242912
<u>B65H 9 /-</u>	2019378126	<u>C07D 311 /-</u>	2020413304	2024240122	2019247652
2023224485	<u>C07C 211 /-</u>	2021242300	2021219159	<u>C10K 3 /-</u>	2019336798
<u>B66B 11 /-</u>	2020234788	<u>C07D 313 /-</u>	2022287637		2019366472
2022270897		2020295671	2023202448	<u>C11D 3 /-</u>	2019405977
			2023241320		2019411267
			2023275531		2020231380
			<u>C07K 16 /-</u>		2020269887
			2020275908		2022205234
			2022203679		2022279551
				2023204007	<u>C12Q 1 /-</u>
					2019286402

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2023203304	<u>E04F 13 /-</u>	<u>E21B 43 /-</u>	<u>F16B 7 /-</u>	2020310470	<u>F41A 9 /-</u>
<u>C12R 1 /-</u>	2025203478	2020261513	2019333566	<u>F24F 110 /-</u>	2020280673
2019269666	<u>E04F 15 /-</u>	<u>E21B 44 /-</u>	<u>F16C 11 /-</u>	2020310470	<u>G01C 25 /-</u>
2019349729	2020355582	2020426033	2019333566	<u>F24F 12 /-</u>	2023370169
<u>C21C 7 /-</u>	<u>E04F 15 /-</u>	<u>E21B 44 /-</u>	<u>F16D 65 /-</u>	2020310470	<u>G01N 1 /-</u>
2022299766	2019390705	2020270518	2021207519	<u>F24F 13 /-</u>	2024266971
<u>C25B 13 /-</u>	<u>E04F 17 /-</u>	<u>E21B 47 /-</u>	<u>F16H 55 /-</u>	2020310470	<u>G01N 21 /-</u>
2019346563	2022270897	2020426033	2020288978	<u>F24F 7 /-</u>	2018346295
<u>C40B 40 /-</u>	<u>E04G 21 /-</u>	<u>E21B 7 /-</u>	2020290333	2020310470	2022224418
2019286402	2019336839	2020426033	<u>F16K 1 /-</u>	<u>F24F 8 /-</u>	2024266971
<u>C40B 50 /-</u>	<u>E04H 1 /-</u>	<u>E21B 7 /-</u>	2023248739	2022274793	<u>G01N 22 /-</u>
2019286402	2023237222	2020270518	2023250352	2024204735	2022401201
<u>D06F 34 /-</u>	<u>E04H 17 /-</u>	<u>E21C 41 /-</u>	<u>F16K 11 /-</u>	<u>F24H 1 /-</u>	<u>G01N 23 /-</u>
2022302746	2019277270	2021454472	2022436043	2018280129	2024233114
<u>D06F 58 /-</u>	<u>E05C 9 /-</u>	<u>E21D 15 /-</u>	<u>F16K 31 /-</u>	<u>F24H 9 /-</u>	<u>G01N 25 /-</u>
2022302746	2019351578	2022362215	2023250352	2018280129	2024233114
<u>D21H 27 /-</u>	<u>E05D 15 /-</u>	<u>E21D 17 /-</u>	<u>F16K 47 /-</u>	<u>F25B 30 /-</u>	<u>G01N 33 /-</u>
2020252003	2019351578	2022362215	2023248739	2021268555	2018346295
<u>E01B 9 /-</u>	<u>E05F 1 /-</u>	<u>E21D 5 /-</u>	<u>F16L 101 /-</u>	<u>F25B 39 /-</u>	2018363983
2020481482	2019229400	2023226534	2021390139	2021268555	2018422285
<u>E02B 13 /-</u>	2025202012	<u>E21F 16 /-</u>	<u>F16L 21 /-</u>	<u>F25B 9 /-</u>	2019240901
2020320451	<u>E05F 5 /-</u>	2023226534	2020292544	2021268555	2022205234
<u>E02B 7 /-</u>	2019229400	<u>F02B 37 /-</u>	<u>F16L 33 /-</u>	<u>F25C 1 /-</u>	2022221441
2020320451	2025202012	2019364649	2020310533	2023208097	2023204066
<u>E02F 9 /-</u>	<u>E06B 3 /-</u>	<u>F02D 23 /-</u>	<u>F16L 37 /-</u>	<u>F25C 5 /-</u>	2024204105
2022436043	2019229400	2019364649	2020310533	2023208097	2024266971
<u>E03C 1 /-</u>	<u>E06B 9 /-</u>	<u>F02D 41 /-</u>	<u>F16L 47 /-</u>	<u>F25D 11 /-</u>	2025203262
2023361441	2019351578	2019364649	2020292544	2023208097	<u>G01S 13 /-</u>
<u>E04B 1 /-</u>	<u>E21B 10 /-</u>	<u>F03D 80 /-</u>	<u>F16L 55 /-</u>	<u>F25D 25 /-</u>	2020253978
2023237222	2020310491	2022402570	2021390139	2023208097	<u>G01S 17 /-</u>
2025203478	<u>E21B 15 /-</u>	<u>F04C 29 /-</u>	<u>F24C 15 /-</u>	<u>F25D 27 /-</u>	2020219111
<u>E04B 2 /-</u>	2020270518	2020200549	2022376208	2021405048	<u>G01S 19 /-</u>
2025203478	<u>E21B 33 /-</u>	<u>F04D 1 /-</u>	<u>F24D 17 /-</u>	<u>F25D 29 /-</u>	2023259796
<u>E04B 5 /-</u>	2020443050	2020200549	2018280129	2023208097	<u>G01S 7 /-</u>
2025203478	<u>E21B 36 /-</u>	<u>F04D 29 /-</u>	<u>F24D 19 /-</u>	<u>F26B 21 /-</u>	2020219111
<u>E04C 3 /-</u>	2020261513	2020200549	2018280129	2023274116	2020253978
2025203478	<u>E21B 4 /-</u>	<u>F15B 15 /-</u>	<u>F24F 1 /-</u>	<u>F26B 3 /-</u>	<u>G01T 1 /-</u>
<u>E04F 11 /-</u>	2020235933	2020292544	2024204735	2023274116	2020223777
2019277270			<u>F24F 1 /-</u>		2024233114
					<u>G02B 23 /-</u>

Applications Accepted - IPC Index cont'd

2020314724		<u>H01L 25 /-</u>	<u>H04J 3 /-</u>	<u>H04W 4 /-</u>
<u>G02B 27 /-</u>	<u>G06Q 10 /-</u>	2019387435	2024203670	2021280230
2020317369	2021405048	<u>H01M 10 /-</u>	<u>H04L 12 /-</u>	2022376208
<u>G02B 6 /-</u>	<u>G06Q 20 /-</u>	2020245362	2020327365	2023259796
2020310533	2020315740	<u>H01M 12 /-</u>	2023219933	2024200274
	2020351308		<u>H04L 45 /-</u>	<u>H04W 48 /-</u>
<u>G05B 19 /-</u>	<u>G06Q 50 /-</u>	2020245362	2020327365	2024200276
2019234726	2023204066	<u>H01M 50 /-</u>	<u>H04L 5 /-</u>	<u>H04W 56 /-</u>
<u>G05B 19 /-</u>	<u>G06T 11 /-</u>	2022252693	2023387355	2024203670
2020270518	2024202883	<u>H01Q 13 /-</u>	<u>H04L 5 /-</u>	<u>H04W 60 /-</u>
<u>G06F 1 /-</u>	<u>G06T 5 /-</u>	2020262505	2024204488	2024200276
2024203670	2022221471	<u>H01Q 19 /-</u>	<u>H04L 67 /-</u>	<u>H05B 6 /-</u>
<u>G06F 13 /-</u>	<u>G06T 5 /-</u>	2022280948	2023248189	2022376208
2024203670	2020223375	<u>H01Q 21 /-</u>	<u>H04L 69 /-</u>	<u>H05K 5 /-</u>
<u>G06F 15 /-</u>	<u>G06T 7 /-</u>	2020262505	2024200274	2019387435
2022406194	2020223375	<u>H01Q 3 /-</u>	<u>H04L 9 /-</u>	2022406194
<u>G06F 16 /-</u>	2024200608	2020262505	2020315740	<u>H05K 5 /-</u>
2022396146	<u>G06V 40 /-</u>	<u>H01R 11 /-</u>	2020351308	2022306427
	2022376208	2022252693	<u>H04M 1 /-</u>	2023285819
<u>G06F 18 /-</u>	<u>G07D 11 /-</u>	<u>H01R 13 /-</u>	2020402208	<u>H05K 7 /-</u>
2024202883	2023224485	2022252693	<u>H04M 3 /-</u>	2022306427
<u>G06F 3 /-</u>	<u>G07D 7 /-</u>	<u>H02J 50 /-</u>	2020402208	<u>H10F 19 /-</u>
2019387435	2020200185	2021204097	<u>H04N 19 /-</u>	2022441542
2022396146		<u>H02J 7 /-</u>	2020219836	2023237037
<u>G06F 3 /-</u>	<u>G08G 1 /-</u>	2021204097	<u>H04N 23 /-</u>	
2024205779	2023285769	<u>H02K 1 /-</u>	2022376208	
<u>G06F 40 /-</u>	<u>G08G 5 /-</u>	2020215829	<u>H04N 23 /-</u>	
2024202883	2020253978	<u>H02K 21 /-</u>	2023339194	
<u>G06F 8 /-</u>	<u>G09F 9 /-</u>	2020215829	<u>H04Q 3 /-</u>	
2021449745	2019387435	<u>H02K 3 /-</u>	2020402208	
<u>G06K 19 /-</u>	<u>G09G 3 /-</u>	<u>H02S 20 /-</u>	2022270070	
2024227778	2019387435	2022232475	<u>H04R 9 /-</u>	
<u>G06K 7 /-</u>	2023266322	<u>H02S 40 /-</u>	2022376208	
2020287606	<u>G16B 30 /-</u>	2023237037	<u>H04W 12 /-</u>	
<u>G06N 20 /-</u>	2019366472	<u>H02S 50 /-</u>	2024200274	
2021280230	<u>G21F 3 /-</u>	2022232475	2024200276	
	2024233114	<u>H03H 7 /-</u>	<u>H04W 36 /-</u>	
<u>G06N 3 /-</u>	<u>G21G 1 /-</u>	2022280948		
2022221471	2019378126			
2024201361	<u>G21G 4 /-</u>			
2024202883				
<u>G06Q 10 /-</u>				
2023248189				

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged2022371647 **P.L. THOMAS & CO., INC.** (VDF Futureceuticals, Inc.)**Opposition Dismissed - Proceed to Grant**2018256617 **Britax Childcare Pty Ltd** (Dorel Australia Pty Ltd)**Patents Granted****Standard Patents**

2017324983	2018221254	2018229277	2018233976
2018235927	2018258046	2018261890	2018270396
2018314765	2018332171	2018338692	2018367057
2018368709	2018382579	2018386649	2018423508
2018431586	2018435238	2019201518	2019203157
2019206004	2019206507	2019210093	2019211406
2019216458	2019220935	2019222988	2019232293
2019240319	2019241885	2019248877	2019264145
2019265288	2019268820	2019270613	2019272000
2019275480	2019276353	2019277668	2019278886
2019280285	2019281866	2019282420	2019282808
2019285029	2019286700	2019290127	2019290139
2019291238	2019295330	2019295401	2019299334
2019300524	2019301895	2019304308	2019304509
2019305667	2019306651	2019308873	2019309583
2019314334	2019314774	2019330623	2019333923
2019334792	2019334823	2019334997	2019338059
2019339457	2019339650	2019341748	2019344090
2019346150	2019346977	2019352918	2019353359
2019355645	2019357611	2019357728	2019361227
2019363031	2019363381	2019373420	2019377470
2019379700	2019385645	2019403985	2019404594
2019405059	2019406166	2019408244	2019411483
2019413694	2019426415	2019428716	2019439218
2019440992	2019445031	2019454275	2020201585
2020207162	2020210532	2020210541	2020213337
2020213960	2020215838	2020216345	2020219357
2020219705	2020221446	2020221648	2020231193
2020231396	2020232246	2020238806	2020242946
2020246683	2020264868	2020266817	2020267675
2020268734	2020268887	2020270554	2020276277
2020276394	2020276518	2020280654	2020281026
2020283902	2020284117	2020286574	2020293275
2020294917	2020300043	2020309041	2020315607
2020316366	2020316739	2020318359	2020323227
2020325077	2020325194	2020397937	2020398241
2020425760	2020464325	2021210489	2021212628
2021225262	2021240203	2021282546	2021304144
2021307262	2021320404	2021322128	2021325316
2021326373	2021347048	2021350211	2021360713
2021365047	2021376330	2021380319	2021383416
2021386468	2021401099	2021405061	2021426270
2021438605	2021443080	2022201091	2022201334
2022202479	2022202555	2022202987	2022203570
2022204365	2022218700	2022220213	2022226930
2022227537	2022228108	2022228120	2022229381
2022235769	2022236110	2022237482	2022241572
2022246451	2022256108	2022256177	2022259824
2022262551	2022263327	2022263495	2022267545
2022270165	2022275454	2022277789	2022278034
2022283761	2022284200	2022287620	2022291652
2022301178	2022304421	2022312191	2022318027
2022335453	2022335523	2022351151	2022354509
2022358503	2022379985	2022407999	2022413010
2022415217	2022449871	2023200079	2023200121

Patents Granted**Standard Patents**

2023200252	2023200674	2023200760	2023200916
2023200947	2023201366	2023201488	2023201566
2023201587	2023201602	2023201811	2023202058
2023202123	2023202140	2023202306	2023202605
2023202611	2023202901	2023203716	2023203846
2023204079	2023204117	2023204267	2023204688
2023206271	2023208133	2023210679	2023219845
2023233105	2023237186	2023238047	2023242913
2023248065	2023248123	2023251438	2023252062
2023258352	2023263486	2023266261	2023266270
2023270244	2023274111	2023274225	2023278133
2023285871	2023287264	2023308729	2023347955
2023369039	2023388162	2023446722	2024200424
2024200544	2024200652	2024200698	2024200939
2024201086	2024201212	2024201998	2024202867
2024203113	2024204321	2024220013	2024278225
2024278501	2025200529	2025200617	

Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 08.07.2025 , Patent 2008328538 in the name of **Wal-nab Pty Ltd** has been revoked in relation to a re examination and subsequent revocation under Section 101(1) of the Patents Act.

Assignments Registered

2008229636	QIAGEN Australia Holding Pty. Ltd.	The patent has been assigned to QIAGEN Sciences LLC
2009273749	QIAGEN Australia Holding Pty. Ltd.	The patent has been assigned to QIAGEN Sciences LLC
2010241389	Global Payment Technologies Australia	The patent has been assigned to Everi Technology Pty Ltd
2010336016	QIAGEN Australia Holding Pty. Ltd.	The patent has been assigned to QIAGEN Sciences LLC
2011281147	QIAGEN Australia Holding Pty. Ltd.	The patent has been assigned to QIAGEN Sciences LLC
2012248115	QIAGEN Australia Holding Pty. Ltd.	The patent has been assigned to QIAGEN Sciences LLC
2012276280	QIAGEN Australia Holding Pty. Ltd.	The patent has been assigned to QIAGEN Sciences LLC
2013370928	QIAGEN Australia Holding Pty. Ltd.	The patent has been assigned to QIAGEN Sciences LLC
2014287067	Knopp Biosciences LLC	The patent has been assigned to ARETEIA THERAPEUTICS, INC.
2015220405	Shah, Deepak	The patent has been assigned to SML LIMITED
2015283585	Ecoppia Scientific Limited	The patent has been assigned to ECO OPS. Ltd.
2015330958	Li-Technology Pty Ltd	The patent has been assigned to Cornish Lithium plc
2016234945	SYNERGYSTIC PTE. LTD.	The patent has been assigned to ALCHAMIA PTE. LTD.
2016246756	Silk Road Medical, Inc.	The patent has been assigned to Boston Scientific Scimed, Inc.
2016250566	Nemeth, Szabolcs	The patent has been assigned to Wormy Global Kft.

Assignments Registered

2016255848 Silk Road Medical, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2016367326 Maston Oy; Paint & Aerosol Consultancy The patent has been assigned to **Wisespray International Oy**

2017203439 QIAGEN Australia Holding Pty. Ltd. The patent has been assigned to **QIAGEN Sciences LLC**

2017203521 Xirasol Pty Ltd The patent has been assigned to **G & R Melton Investments Pty Ltd**

2017220394 Li-Technology Pty Ltd The patent has been assigned to **Cornish Lithium plc**

2018225133 Silk Road Medical, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2018273928 Dakota Biotech, LLC The patent has been assigned to **DBI HOLDCO, LLC**

2018279017 Xirasol Pty Ltd The patent has been assigned to **G & R Melton Investments Pty Ltd**

2018297217 Silk Road Medical, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2019202245 QIAGEN Australia Holding Pty. Ltd. The patent has been assigned to **QIAGEN Sciences LLC**

2019204756 QIAGEN Australia Holding Pty. Ltd. The patent has been assigned to **QIAGEN Sciences LLC**

2019222928 QIAGEN Australia Holding Pty. Ltd. The patent has been assigned to **QIAGEN Sciences LLC**

2019262079 Silica Technology Pty Ltd The patent has been assigned to **Cornish Lithium plc**

2019262080 Silica Technology Pty Ltd The patent has been assigned to **Cornish Lithium plc**

2019304206 PUTHENVEETIL KUNJUKRISHNA MENON, Ramdas; Sawant, Arun The patent has been assigned to **SML LIMITED**

2020204046 Silk Road Medical, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2020289716 Silk Road Medical, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2020327398 Chengdu Tobest Diyuan Technology Co., Ltd. The patent has been assigned to **Chengdu Wolang Zhichuang Technology Partnership Enterprise (Limited Partnership)**

2021107256 1PHoldings Pty Limited The patent has been assigned to **3DMorphic Pty Ltd**

2021203796 QIAGEN Australia Holding Pty. Ltd. The patent has been assigned to **QIAGEN Sciences LLC**

2021277701 Qubitekk, Inc. The patent has been assigned to **IonQ, Inc.**

2021404855 Volin, Dee The patent has been assigned to **ZHEJI-ANG ZHENGTE CO., LTD.**

2022200974 Silk Road Medical, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2022256212 "ChemImmune Therapeutics" Limited Liability Company The patent has been assigned to **NEBOLSIN, Vladimir**

Assignments Registered

2022268389 Silk Road Medical, Inc. The patent has been assigned to **Boston Scientific Scimed, Inc.**

2022301619 DOSHI, Hiteshkumar; PUTHENVEETIL KUNJUKRISHNA MENON, Ramdas The patent has been assigned to **SML LIMITED**

2022331219 RATHOD, Rajiv; DOSHI, Hiteshkumar Anilkant The patent has been assigned to **SML LIMITED**

2022342426 RATHOD, Rajiv; DOSHI, Hiteshkumar Anilkant The patent has been assigned to **SML LIMITED**

2023202220 Global Payment Technologies Australia The patent has been assigned to **Everi Technology Pty Ltd**

Licences Registered - Section 187, Reg. 19

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

2017339108 Washtower IP B.V. (Washtower B.V.)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

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

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

For the goods BRIUMVI ublituximab

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

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

For the goods ANDEMBRY garadacimab

2016205967 **Genmab A/S**

The earliest first regulatory approval date provided by the patentee 06 Jan 2025

For the goods EPKINLY epcoritamab

2020202792 **Genmab A/S**

The earliest first regulatory approval date provided by the patentee 06 Jan 2025

For the goods EPKINLY epcoritamab

Applications Accepted

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

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

2008226327 **GlaxoSmithKline LLC**

The earliest first regulatory approval date provided by the patentee 18 Dec 2024

For the goods OMJJARA momelotinib

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2015274554 **GlaxoSmithKline LLC**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The earliest first regulatory approval date provided by the patentee 18 Dec 2024

For the goods OMJJARA momelotinib

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

Corrigenda

In Vol 59 , No 16 , Page(s) 2235 under the heading **Amendments - Amendments Made** Delete all reference to 2018368709.

In Vol 59 , No 27 , Page(s) 3977 under the heading **Extensions of Term of Standard Patent, Section 70 - Applications Filed** Delete all reference to 2020205346.

In Vol 59 , No 28 , Page(s) 3848 under the heading **Amendments - Application for Amendments** Under the name of G2GBIO, INC., Patent Application No. 2019401868 correct the date of the statements filed to read 10 Feb 2025, 21 Feb 2025 and 16 May 2025

In Vol 59 , No 28 , Page(s) 3848 under the heading **Amendments - Application for Amendments** Under the names of Consejo Superior de Investigaciones Cientificas and Universitat Politècnica de València, Patent Application No. 2020381876 correct the date of the statements filed to read 04 Jun 2025 and 06 Jun 2025