



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

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Professional Standards Board

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 3 Jun 2025 .

(71) 3BUX IP PTY LTD (21) 2025902285 (22) 06.06.2025 (54) PLATFORM FOR ISSUING AND EXCHANGING MULTI-SIDED FUNGIBLE TOKENS	Systems Using a Multicomponent Scoring Matrix (71) Archistar Pty Ltd (21) 2025902292 (22) 06.06.2025 (54) System and Method for Assessing Digital Readiness of Construction Industry Participants in Automated Permit Ecosystems Using a Multicomponent Scoring Matrix	(71) Baigent, L. (21) 2025902282 (22) 06.06.2025 (54) Method of Terminating & Sealing Teflon Tube
(71) Adolf, K. (21) 2025902328 (22) 09.06.2025 (54) Dynamic Pricing System for Collectibles Based on Real-Time Market Data, Condition-Based Adjustments, and Naming Convention Integration	(71) Armstrong, M. (21) 2025902295 (22) 07.06.2025 (54) System and Method for Dual-Scan Activation and Redemption of Digital Gift Cards Using QR Codes	(71) Bain, T. (21) 2025902309 (22) 08.06.2025 (54) A system and method for generating structured, topic-specific summaries from documents using a multi-step process. Topics are defined with descriptions, documents are processed to extract relevant facts, and those facts are mapped to topics. A structured summarisation template is applied, and facts are consolidated iteratively to produce a final report. The invention improves accuracy, traceability, and auditability in summarising complex information.
(71) Advanced Cutting Solutions Pty Ltd (21) 2025902212 (22) 03.06.2025 (54) Multitier Anti-Migration Service Retention Bracket	(71) AUSMAN REALTY PTY. LTD. (21) 2025902215 (22) 03.06.2025 (54) Integrated Modular Housing Deployment and Equity Accrual Protocol on Government-Leased Land. A structured framework enabling rapid, compliant rollout of modular homes on state or council land with non-title equity accumulation via fiduciary trust pathways. Protects delivery architecture, lease-finance sequencing, and proprietary contribution logic for scalable, replicable housing outcomes under private IP governance.	(71) Beckett, R. (21) 2025902335 (22) 10.06.2025 (54) Carbon Sequestration Utilising Bicarbonate
(71) Aljuboory, H. (21) 2025902308 (22) 08.06.2025 (54) It	(71) Australian National University (21) 2025902244 (22) 04.06.2025 (54) Polypeptides	(71) Beckett, R. (21) 2025902339 (22) 10.06.2025 (54) A process for increasing the concentrations of thiamine dependent enzyme proteins in a mammal. Potential adjunct treatment against rapidly proliferating cancer cells.
(71) Allume Energy Pty Ltd (21) 2025902210 (22) 03.06.2025 (54) SIGNAL EMULATOR	(71) AZ13 PTY LTD. (21) 2025902280 (22) 06.06.2025 (54) Filler Material Application System and Method for Controlled Joint Formation	(71) Berrigan, S. (21) 2025902216 (22) 03.06.2025 (54) Ergonomically Tuned Swing Tool for Age- and Gender-Responsive Motor Development
(71) anstiss, j. (21) 2025902316 (22) 08.06.2025 (54) Luggage assembly with multi-position retractable wheel system	(71) Baigent, L. see TECHNOBAKE PTY LTD (21) 2025902281	(71) Borsani, A. (21) 2025902249 (22) 04.06.2025 (54) System and Method for Generating Ephemeral QR Code Receipts via a Standalone Printer-Emulating Device
(71) Archistar Pty Ltd (21) 2025902275 (22) 06.06.2025 (54) System and Method for Resolving Ambiguity in Architectural Plans Using a Layered Decision Matrix		
(71) Archistar Pty Ltd (21) 2025902276 (22) 06.06.2025 (54) System and Method for Assessing Digital Readiness of Municipal Permit		

Provisional Applications Filed - Name Index cont'd

(71) Brealey, S. (21) 2025902228 (22) 04.06.2025 (54) A Personal Protective Equipment (PPE) Assembly	(71) ClipCap Pty Ltd (21) 2025902243 (22) 04.06.2025 (54) Beverage Can Closure System with Tamper and Hygiene Features	(71) Gallagher Group Limited (21) 2025902283 (22) 06.06.2025 (54) SYSTEMS AND METHODS FOR ELECTRONIC DOOR LOCK MONITORING
(71) Breville Pty Limited (21) 2025902217 (22) 03.06.2025 (54) Kitchen appliance	(71) Clutton, P. (21) 2025902232 (22) 04.06.2025 (54) Theft-Proof Bicycle Parking Rack	(71) Gallagher Group Limited (21) 2025902342 (22) 10.06.2025 (54) Systems and Methods for Livestock Management
(71) Breville Pty Limited (21) 2025902221 (22) 04.06.2025 (54) Kitchen appliance	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2025902265 (22) 05.06.2025 (54) Quantum organic light emitting diode	(71) GDE ENGINEERING PTY LTD (21) 2025902348 (22) 10.06.2025 (54) SYSTEM AND METHOD FOR THE CAPTURE AND AMPLIFICATION OF AN AUDIO SIGNAL
(71) BT Imaging Pty Ltd (21) 2025902341 (22) 10.06.2025 (54) Method and system for obtaining series resistance information of solar cells	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2025902272 (22) 06.06.2025 (54) BUBBLE REACTOR	Geoff Cox see Suresh Kumar Gulati (21) 2025902301
(71) Burders Lane Enterprises Pty Ltd, trading as Whitlands Engineering (21) 2025902338 (22) 10.06.2025 (54) Mower assembly	(71) CPL Holdings Pty Ltd (21) 2025902294 (22) 06.06.2025 (54) Orthopaedic Spherical Cutting Osteointegration Preparation Device	(71) Gomez, R. (21) 2025902274 (22) 06.06.2025 (54) PROCESSING OF A POTASSIUM/RARE EARTH ELEMENT ORE TO EXTRACT OXIDES
(71) CAMPBELL, T. (21) 2025902297 (22) 07.06.2025 (54) TAP PROTECTOR AWARENESS DEVICE VERSION 2	(71) Darmody, P. (21) 2025902226 (22) 04.06.2025 (54) Sub-Sea Hydroelectric Power Plant System	(71) greene, a. (21) 2025902355 (22) 10.06.2025 (54) NaturAPPathy: A Mobile Application with AI assist for Personalised Natural Health Guidance and Practitioner Access
(71) Catchup Invitations (21) 2025902225 (22) 04.06.2025 (54) "Catchup" is an app offering personal and public invitations.	(71) Dimas, J. (21) 2025902255 (22) 05.06.2025 (54) AN APPARATUS FOR USE AS A LADDER	(71) GROUND WA PTY LTD (21) 2025902268 (22) 05.06.2025 (54) A Plunger Cup
Centenary Institute of Cancer Medicine and Cell Biology see The University of Sydney (21) 2025902267	(71) DOGRUER, A. (21) 2025902235 (22) 04.06.2025 (54) Royal Stake – A Competitive Gaming Platform for Wagering on Level Completion Battles with Verified Proof-of-Completion	(71) Gryphon Environmental Technologies Pty Ltd (21) 2025902256 (22) 05.06.2025 (54) A method for controlling the evaporation rate of hydrogen peroxide
(71) Certified Australia Group Pty Ltd (21) 2025902248 (22) 04.06.2025 (54) CERTIFIED.IO	(71) Driver, D. (21) 2025902307 (22) 08.06.2025 (54) Emergency Response Collar with voice activation and integrated fall detection	(71) Hadfield, I. (21) 2025902257 (22) 05.06.2025 (54) One-way panel
(71) chirva, n. (21) 2025902250 (22) 04.06.2025 (54) echnical Field: The invention relates to safety accessories for motorcycle helmets and, more particularly, to a universally adaptable visor-mounted light bar system incorporating multiple power and emergency features.	(71) Egan, J. (21) 2025902253 (22) 05.06.2025 (54) D-Vault	HARJES, E. see FILICHEV, V. (21) 2025902258
(71) ClipCap Pty Ltd (21) 2025902236 (22) 04.06.2025 (54) ClipCap – A Hygiene and Safety Cover for Beverage Cans	(71) Ewington, J. (21) 2025902317 (22) 09.06.2025 (54) System and Method for One-Click Digital Rights Protection, Revenue Allocation, and Secure Licensing for Creators	HARJES, S. see FILICHEV, V. (21) 2025902258
	(71) FILICHEV, V.; KURUP, H.; HARJES, E.; HARJES, S.; JAMESON, G. (21) 2025902258 (22) 05.06.2025 (54) HAIRPIN DNA ENZYME INHIBITORS	(71) Harrison, T. (21) 2025902311 (22) 08.06.2025 (54) Hands-Free Support Apparatus for Tube Feeding

Provisional Applications Filed - Name Index cont'd

(71) hopkins, d.
(21) 2025902302 (22) 07.06.2025
(54) "System and Method for Generating Mobile Applications from Natural Language Input Using AI"

(71) InQuik IP Holdings Pty Ltd
(21) 2025902324 (22) 09.06.2025
(54) FLOORING SYSTEM

JAMESON, G. see FILICHEV, V.
(21) 2025902258

(71) just, A.
(21) 2025902329 (22) 09.06.2025
(54) Multi Tool universal holesaw arbor adaptor

(71) Kaczmarzski, P.
(21) 2025902263 (22) 05.06.2025
(54) BEVERAGE APPARATUS

(71) Khosrou Yar, M.
(21) 2025902306 (22) 07.06.2025
(54) AI-Powered Cognitive Adaptive Interface System and Method for Real-Time Behavioral and Neurodivergent-Based UI Adaptation

(71) Kirkpatrick, L.
(21) 2025902300 (22) 07.06.2025
(54) Hyponichium Barrier Care

(71) Kiss Tech Pty Ltd
(21) 2025902290 (22) 06.06.2025
(54) FLUID EXPANSION RESERVOIR

KURUP, H. see FILICHEV, V.
(21) 2025902258

(71) Leonard, E.
(21) 2025902334 (22) 10.06.2025
(54) Backing System and Method

(71) Life Lab Group
(21) 2025902273 (22) 06.06.2025
(54) A Non-Stimulant 60ml Nootropic Health Beverage for Enhancing Cognitive Performance, Reducing Stress, and Supporting Nutritional Needs

(71) Lions Eye Institute Limited
(21) 2025902277 (22) 06.06.2025
(54) METHOD OF IMAGING A LYMPHATIC CAPILLARY NETWORK AND ASSOCIATED METHODS OF USE

(71) Little, A.
(21) 2025902091 (22) 28.05.2025
(54) Argon-Nitrogen-Deep space propulsion system

(71) Loopley
(21) 2025902340 (22) 10.06.2025
(54) Loopley's Spider Silk-Cellulose Multi Function Composite

(71) Loopley
(21) 2025902343 (22) 10.06.2025
(54) A modular system that transforms mixed waste—including food, textiles, e-waste, and agricultural residues—into functional 3D/4D printable materials. The process integrates mechanical preprocessing, chemical and enzymatic digestion, optogenetically controlled microbial conversion, programmable spider silk-cellulose filtration, and customizable ink formulation. Scalable across small and large modular hubs. Outputs include sustainable filters, wearables, soft robotics, and smart bio-composite products.

(71) Lumicare IP Pty Ltd
(21) 2025902262 (22) 05.06.2025
(54) REUSABLE MEDICAL INSTRUMENT'S DISINFECTION INFORMATION ASSOCIATION AND TRACEABILITY METHOD

(71) Macdowell, E.
(21) 2025902241 (22) 04.06.2025
(54) A social platform for music, art, and mindfulness using AI to curate content based on emotional and vibrational integrity. It avoids addictive design by removing infinite scroll and uses AI to promote authenticity, creativity, and truth. Content is filtered to exclude politics and advertising. The system evaluates posts for emotional coherence, originality, and harmonic resonance, supporting a conscious digital environment.

(71) Manuel, J.
(21) 2025902246 (22) 04.06.2025
(54) Modules For Unified Control Architecture

(71) Manuel, J.
(21) 2025902247 (22) 04.06.2025
(54) Clayton's Control Module for the Unification of Control Architecture

(71) McCormick, M.
(21) 2025902043 (22) 26.05.2025
(54) Protocol for Secure Execution Using Pad-Based Entropy Validation

(71) MCINNES MANUFACTURING LIMITED
(21) 2025902362 (22) 10.06.2025
(54) Artificial Teat

(71) MGI Golf Pty Ltd
(21) 2025902284 (22) 06.06.2025
(54) Motorised Assisted Pushcart Golf Buggy

Monash University see The University of Adelaide
(21) 2025902245

(71) Morrison, M.
(21) 2025902224 (22) 04.06.2025
(54) PLASTIC COMPOSITIONS WITH ENVIRONMENTAL CONTAMINANT REMOVAL PROPERTIES USING STARCH-BANANA FLOUR ADDITIVES

(71) Morrison, M.
(21) 2025902227 (22) 04.06.2025
(54) : PAPER AND CARDBOARD COMPOSITIONS ENHANCED WITH RICE-BANANA FIBER COMPOSITES FOR PACKAGING, PUBLISHING, AND MEDICAL APPLICATIONS

(71) Morrison, M.
(21) 2025902229 (22) 04.06.2025
(54) ## RICE-BANANA COMPOSITE FILLERS FOR ENHANCED PLASTIC APPLICATIONS WITH MICRO-PLASTIC PREVENTION AND EQUIPMENT PROTECTION

Muller, F. see YOUR BEER PTY LTD
(21) 2025902260

(71) MULTIVENTURE INDUSTRIES PTY LTD
(21) 2025902213 (22) 03.06.2025
(54) PAINZERO Synergistic Botanical Composition for Multi-Pathway Chronic Pain Management

(71) Murphy, W.
(21) 2025902271 (22) 06.06.2025
(54) EternalSteam: Portable Fresh Water Recirculating Heated Shower System

(71) Murphy, C.
(21) 2025902279 (22) 06.06.2025
(54) System for Real-Time, Self-Administered Breastmilk Composition Analysis

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(71) Murphy, C.
(21) 2025902303 (22) 07.06.2025
(54) System for Real-Time, Self-Administered Breastmilk Composition Analysis: Addendum

(71) Murphy, C.
(21) 2025902304 (22) 07.06.2025
(54) System for Real-Time, Self-Administered Breastmilk Composition Analysis: Addendum II

(71) Murphy, A.
(21) 2025902312 (22) 08.06.2025
(54) Client-Side Orchestration System and Method for Optimized Virtual Try-On Services

(71) MXX1 Holdings Pty Ltd
(21) 2025902289 (22) 06.06.2025
(54) A new framework

(71) Najmaldeen, A.
(21) 2025902270 (22) 05.06.2025
(54) Multimodal AI System for Expert-Level Dental Treatment Planning

(71) NeoSpace Pty Ltd
(21) 2025902332 (22) 10.06.2025
(54) MODULAR FRAME SYSTEM

(71) NTHALMIC HOLDING PTY LTD; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.
(21) 2025902330 (22) 10.06.2025
(54) AIR PUFF DEVICE TO TREAT MEIBOMIAN GLAND DEFICIENCIES

(71) OncoRes Medical Pty Ltd
(21) 2025902293 (22) 06.06.2025
(54) METHOD, SYSTEM AND APPARATUS FOR DETERMINING ORIENTATION DATA

(71) ORBIT2ORBIT PTY LTD
(21) 2025902326 (22) 09.06.2025
(54) SPACECRAFT DOCKING SYSTEM

(71) ORBIT2ORBIT PTY LTD
(21) 2025902327 (22) 09.06.2025
(54) PROPULSION SYSTEM

(71) Pacific Trends International
(21) 2025902291 (22) 06.06.2025
(54) Portable assembly for providing heat

(71) Performance Diagnostics Pty Ltd
(21) 2025902254 (22) 05.06.2025
(54) METHODS FOR DETECTING COTISOL AND TESTOSTERONE LEVELS

(71) Phibion Group Holdings Pty Ltd
(21) 2025902209 (22) 03.06.2025
(54) AN IN SITU SENSOR PROBE AND METHODS OF USE THEREOF

(71) Prakash, S.
(21) 2025902333 (22) 10.06.2025
(54) Graphical Excitation Depletion Emission Microscopy

(71) PreStartGo Pty Ltd
(21) 2025902287 (22) 06.06.2025
(54) DIGITAL PRESTART INTERLOCK

(71) Pretect Devices Pty Ltd
(21) 2025902278 (22) 06.06.2025
(54) A SYSTEM FOR MONITORING INTRAVENOUS INFILTRATION AND EXTRAVASATION

(71) Rakman International Pty Ltd
(21) 2025902230 (22) 04.06.2025
(54) Passive Fire Protection Device for Electrical Junction Boxes

(71) Rempel, L.
(21) 2025902318 (22) 09.06.2025
(54) Dog grooming

(71) Ricco Unlimited
(21) 2025902223 (22) 04.06.2025
(54) Baby Bottle

(71) Royal Melbourne Institute of Technology
(21) 2025902211 (22) 03.06.2025
(54) Physically Unclonable Function (PUF) Security Feature and Authentication System

(71) Rozario, C.
(21) 2025902305 (22) 07.06.2025
(54) Aura Glasses

(71) Rozario, C.
(21) 2025902310 (22) 08.06.2025
(54) Aura Glasses

(71) Scolaro, A.
(21) 2025902331 (22) 10.06.2025
(54) A Mechanical Drive

(71) Servatus Ltd
(21) 2025902259 (22) 05.06.2025
(54) Treatment of bacterial infections

(71) Sim, R.
(21) 2025902233 (22) 04.06.2025
(54) High Integrity Lifting System

(71) Sophinity Pty Ltd
(21) 2025902237 (22) 04.06.2025
(54) Tamper Band for Closure

(71) Standish, D.
(21) 2025902239 (22) 04.06.2025
(54) DEVICE AND METHOD FOR SUPPORTING A CAMERA

(71) Steribright Pty Ltd
(21) 2025902218 (22) 04.06.2025
(54) A Sterilisation Device

(71) Steribright Pty Ltd
(21) 2025902219 (22) 04.06.2025
(54) METHOD AND SYSTEM FOR IMPROVED CONTROL OF INDOOR AIR QUALITY AND SURFACE AND AIR STERILIZATION

(71) Stopex Pty Ltd
(21) 2025902266 (22) 05.06.2025
(54) Devices, systems and methods for underground mining

(71) Stringfellow, N.
(21) 2025902251 (22) 04.06.2025
(54) This is a two-pronged hook attachment for a set of crutches that allows the user to carry bags and baskets whilst utilising their walking aide. The larger section of the hook sits on the handle. The front facing hook is used for baskets and the other for bags.

(71) SUPER CROWN PTY. LTD.
(21) 2025902298 (22) 07.06.2025
(54) Nighttime Milk-Based Nutritional Composition for Supporting Sleep, Growth, and Cognitive Development in Children

(71) SUPER CROWN PTY. LTD.
(21) 2025902299 (22) 07.06.2025
(54) A Daytime Nutritional Milk Powder Composition for Children Aged Three and Above

(71) Suresh Kumar Gulati; Geoff Cox; Trevor William Scott; Woel-Kyu Ha
(21) 2025902301 (22) 07.06.2025
(54) An improved process to produce rumen protected fat supplements for ruminants

(71) TAIPAN TECHNOLOGIES PTY LTD
(21) 2025902100 (22) 28.05.2025
(54) IMPROVEMENTS IN THE EFFICIENCY OF USE OF ENERGETIC MA-

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TERIALS TO ACHIEVE AUGMENTA-
TION OF A DETONATION WAVE

(71) Taylor, R.
(21) 2025902315 (22) 08.06.2025
(54) Valora – A One-Card Casino Table
Game with Side Bet Mechanics

(71) Technical Training & Calibration Ser-
vices Pty Ltd
(21) 2025902319 (22) 09.06.2025
(54) Bitumen Sprayer Testing Apparatus and
Method of Use Thereof

(71) TECHNOBAKE PTY LTD; Baigent, L.
(21) 2025902281 (22) 06.06.2025
(54) Method of detecting earth leakage us-
ing Tell-tale Device

(71) Tech Scapes IP Pty Ltd
(21) 2025902234 (22) 04.06.2025
(54) Waste flush box

(71) The Florey Institute of Neuroscience
and Mental Health
(21) 2025902337 (22) 10.06.2025
(54) Treatment of infection

(71) The Trustee for The BT Alderton Family
Trust
(21) 2025902286 (22) 06.06.2025
(54) Programmable Multisensory Fishing
Lure with Modular Environmental Activ-
ation and Bluetooth Control

(71) The Trustee of Siryani Family Trust
(21) 2025902231 (22) 04.06.2025
(54) Smart and Automated Window Clean-
ing System

(71) The University of Adelaide; Monash
University
(21) 2025902245 (22) 04.06.2025
(54) OPTICAL IMAGING APPARATUS AND
SYSTEM

(71) The University of Sydney; Centenary
Institute of Cancer Medicine and Cell
Biology
(21) 2025902267 (22) 05.06.2025
(54) Compounds

(71) Tooley, S.
(21) 2025902261 (22) 05.06.2025
(54) ROLLOVER PROTECTION AR-
RANGEMENT

(71) Towells, M.
(21) 2025902242 (22) 04.06.2025
(54) Automatic digital capture of official Tax
Invoice / Sales receipts at Point of Sale
(POS)

**Trevor William Scott see Suresh Kumar
Gulati**
(21) 2025902301

(71) Trisco ICAP Pty Ltd
(21) 2025902352 (22) 10.06.2025
(54) Dispenser system

(71) Triskel Data PTY LTD
(21) 2025902325 (22) 09.06.2025
(54) Tribit: A Deterministic Symbolic Encod-
ing and Execution System Using 36-Bit
Glyphs

(71) TWISTED DEVELOPMENT PTY LTD
(21) 2025902171 (22) 31.05.2025
(54) Deployable Modular House Frame Fol-
ded Within A CSC Certifiable Sea Con-
tainer

(71) Vashahi, M.
(21) 2025902320 (22) 09.06.2025
(54) Single-Drive Dual-Axis Solar Tracking
System

(71) Vazey, J.
(21) 2025902220 (22) 04.06.2025
(54) A machine for removing labels cleanly
from glass containers

(71) Vitradel Pty Ltd
(21) 2025902322 (22) 09.06.2025
(54) FUNCTIONALISED POLYMERS

(71) Vitradel Pty Ltd
(21) 2025902323 (22) 09.06.2025
(54) FUNCTIONALISED POLYMERS

(71) WARRIOR COLLECTIVE PTY.LTD
(21) 2025902358 (22) 10.06.2025
(54) Empowered Communication Strategy
(ECS): A Secure, Gamified Empower-
ment Platform for Youth Using Biomet-
ric Access, Avatar Mentorship, Glyph
Progression, and Encrypted Self-Lead-
ership, Life Coaching & Positive Mental
Health Modules

(71) WARRIOR COLLECTIVE PTY.LTD
(21) 2025902359 (22) 10.06.2025
(54) Victory Code™: A 10-Level Multiplayer
Game Featuring Soccer, Fitness, and
Virtue-Based Empowerment

(71) WAVECO PTY LTD
(21) 2025902314 (22) 08.06.2025
(54) Structure for forming a wave

(71) Webdoctor pty Ltd
(21) 2025902252 (22) 04.06.2025
(54) Automated Body Mass Index (BMI) Es-
timation and Risk Flagging System from
Photographs for Telehealth Weight Loss
Treatment Suitability Assessment

(71) Williams, J.E.
(21) 2025902296 (22) 07.06.2025
(54) offline biometric task verification system
using self stored access codes (SAC)
and ephemeral trust logic

Woel-Kyu Ha see Suresh Kumar Gulati
(21) 2025902301

(71) Wright, G.
(21) 2025902321 (22) 09.06.2025
(54) Drum Enhancement Device

(71) Wright, K.
(21) 2025902336 (22) 10.06.2025
(54) Trailer reversing assistant device

(71) Yang, L.C.
(21) 2025902313 (22) 08.06.2025
(54) Adaptive Headband with Soft-Fit Insert
and Modular Anchoring for Variable Fit
and Balanced Pressure

(71) Yona Pty Ltd
(21) 2025902238 (22) 04.06.2025
(54) MODULAR SUPPORT FRAME AS-
SEMBLY

(71) Yoorooga Property Pty Ltd
(21) 2025902240 (22) 04.06.2025
(54) Concentric-Tube Electrochemical Cell
for Redox Flow Battery Applications

(71) YOUR BEER PTY LTD; Muller, F.
(21) 2025902260 (22) 05.06.2025
(54) System and Method for Delivering
Brand-Activated Digital Vouchers Re-
deemable at Third-Party Locations

(71) Zari Research Pty Ltd
(21) 2025902222 (22) 04.06.2025
(54) ZeoShield and ZeoShield+ – A Dual-
Variant High-Temperature, Environ-
mentally Compliant Fire-Resistant
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**Zhong Jing Wei Shi (Suzhou) Optical Tech-
nology Ltd. see NTHALMIC HOLDING PTY
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(21) 2025902330

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2025902211	Royal Melbourne Institute of Technology	2025902278	Prelect Devices Pty Ltd
2025902212	Advanced Cutting Solutions Pty Ltd	2025902279	Murphy, C.
2025902213	MULTIVENTURE INDUSTRIES PTY LTD	2025902280	AZ13 PTY LTD.
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2025902224	Morrison, M.	2025902291	Pacific Trends International
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2025902230	Rakman International Pty Ltd	2025902297	CAMPBELL, T.
2025902231	The Trustee of Siryani Family Trust	2025902298	SUPER CROWN PTY. LTD.
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2025902233	Sim, R.	2025902300	Kirkpatrick, L.
2025902234	Tech Scapes IP Pty Ltd	2025902301	Suresh Kumar Gulati; Geoff Cox; Trevor William Scott; Woel-Kyu Ha
2025902235	DOGRUER, A.	2025902302	hopkins, d.
2025902236	ClipCap Pty Ltd	2025902303	Murphy, C.
2025902237	Sophinity Pty Ltd	2025902304	Murphy, C.
2025902238	Yona Pty Ltd	2025902305	Rozario, C.
2025902239	Standish, D.	2025902306	Khosrou Yar, M.
2025902240	Yoorooga Property Pty Ltd	2025902307	Driver, D.
2025902241	Macdowell, E.	2025902308	Aljuboory, H.
2025902242	Towells, M.	2025902309	Bain, T.
2025902243	ClipCap Pty Ltd	2025902310	Rozario, C.
2025902244	Australian National University	2025902311	Harrison, T.
2025902245	The University of Adelaide; Monash University	2025902312	Murphy, A.
2025902246	Manuel, J.	2025902313	Yang, L.C.
2025902247	Manuel, J.	2025902314	WAVECO PTY LTD
2025902248	Certified Australia Group Pty Ltd	2025902315	Taylor, R.
2025902249	Borsani, A.	2025902316	anstiss, j.
2025902250	chirva, n.	2025902317	Ewington, J.
2025902251	Stringfellow, N.	2025902318	Rempel, L.
2025902252	Webdoctor Pty Ltd	2025902319	Technical Training & Calibration Services Pty Ltd
2025902253	Egan, J.	2025902320	Vashahi, M.
2025902254	Performance Diagnostics Pty Ltd	2025902321	Wright, G.
2025902255	Dimas, J.	2025902322	Vitradel Pty Ltd
2025902256	Gryphon Environmental Technologies Pty Ltd	2025902323	Vitradel Pty Ltd
2025902257	Hadfield, I.	2025902324	InQuik IP Holdings Pty Ltd
2025902258	FILICHEV, V.; KURUP, H.; HARJES, E.; HARJES, S.; JAMESON, G.	2025902325	Triskel Data PTY LTD
2025902259	Servatus Ltd	2025902326	ORBIT2ORBIT PTY LTD
2025902260	YOUR BEER PTY LTD; Muller, F.	2025902327	ORBIT2ORBIT PTY LTD
2025902261	Tooley, S.	2025902328	Adolf, K.
2025902262	Lumicare IP Pty Ltd	2025902329	just, A.
2025902263	Kaczmariski, P.	2025902330	NTHALMIC HOLDING PTY LTD; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.
2025902265	Commonwealth Scientific and Industrial Research Organisation	2025902331	Scolaro, A.
2025902266	Stopex Pty Ltd	2025902332	NeoSpace Pty Ltd
2025902267	The University of Sydney; Centenary Institute of Cancer Medicine and Cell Biology	2025902333	Prakash, S.
2025902268	GROUND WA PTY LTD	2025902334	Leonard, E.
2025902270	Najmaldeen, A.	2025902335	Beckett, R.
2025902271	Murphy, W.	2025902336	Wright, K.
		2025902337	The Florey Institute of Neuroscience and Mental Health

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2025902338	Burders Lane Enterprises Pty Ltd, trading as Whitlands Engineering
2025902339	Beckett, R.
2025902340	Loopley
2025902341	BT Imaging Pty Ltd
2025902342	Gallagher Group Limited
2025902343	Loopley
2025902348	GDE ENGINEERING PTY LTD
2025902352	Trisco ICAP Pty Ltd
2025902355	greene, a.
2025902358	WARRIOR COLLECTIVE PTY.LTD
2025902359	WARRIOR COLLECTIVE PTY.LTD
2025902362	MCINNES MANUFACTURING LIMITED

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 3 Jun 2025 .

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

(71) A.L. Filter EAD (21) 2025204227 (22) 05.06.2025 (54) Device for the filtration of a urea-water solution	OCCUR IN CONNECTION WITH BONUS FEATURES OF ELECTRONIC WAGERING GAMES	(71) Ascone, R.; Business Display Plates (21) 2025204272 (22) 08.06.2025 (54) Process of creating Business Display number plates
(71) Aetherion Global LLC (21) 2025202940 (22) 28.04.2025 (54) Ultrapurified Phospholipoproteomic Composition for High-Purity Biomolecular Research and Precision Therapeutics	(71) Aristocrat Technologies, Inc. (21) 2025204192 (22) 05.06.2025 (54) ELECTRONIC GAMING SYSTEMS AND METHODS THAT DISPLAY DYNAMIC VALUES WITHIN SYMBOL POSITIONS	(71) Astex Therapeutics Limited (21) 2025204202 (22) 05.06.2025 (54) FGFR/PD-1 COMBINATION THERAPY FOR THE TREATMENT OF CANCER
(71) AGORA NZ LIMITED (21) 2025204273 (22) 09.06.2025 (54) A MONITORING SYSTEM	(71) Aristocrat Technologies, Inc. (21) 2025204263 (22) 06.06.2025 (54) ELECTRONIC GAMING SYSTEMS AND METHODS WITH SYMBOL COLLECTION	(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025204217 (22) 05.06.2025 (54) Intra prediction-based video encoding/decoding method and device
(71) Agribody Technologies, Inc. (21) 2025204193 (22) 05.06.2025 (54) Plants with modified DHS genes	(71) Aristocrat Technologies Australia Pty Limited (21) 2025204181 (22) 04.06.2025 (54) A GAMING DEVICE AND METHOD FOR OPERATING A GAMING DEVICE	(71) BACAINN BIOTHERAPEUTICS, LTD. (21) 2025204280 (22) 09.06.2025 (54) Cyclosporine compositions and methods of use
(71) Angeles Therapeutics, Inc. (21) 2025204314 (22) 10.06.2025 (54) Improving the efficacy and safety of adoptive cellular therapies	(71) Aristocrat Technologies Australia Pty Limited (21) 2025204211 (22) 05.06.2025 (54) LAYERED DISPLAY MONITORS	(71) Bayer Aktiengesellschaft (21) 2025204224 (22) 05.06.2025 (54) Use of the succinate dehydrogenase inhibitor Fluopyram for controlling Root rot complex and/or seedling disease complex caused by Rhizoctonia solani, Fusarium species and Pythium species in Brassicaceae species
(71) ANTINBIO, INC. (21) 2025204148 (22) 03.06.2025 (54) ANTIMICROBIAL PEPTIDE VARIANTS AND USES THEREOF	(71) Aristocrat Technologies Australia Pty Limited (21) 2025204221 (22) 05.06.2025 (54) SYSTEM AND METHOD OF PROVIDING A HOLD AND SPIN FEATURE GAME WITH PROGRESSIVE PLAY METERS	(71) BBI Medical Innovations, LLC (21) 2025204228 (22) 05.06.2025 (54) Perfusion and oxygenation measurement
(71) Applied Medical Resources Corporation (21) 2025204231 (22) 05.06.2025 (54) Renal hilum surgical simulation system	(71) Aristocrat Technologies Australia Pty Limited (21) 2025204266 (22) 06.06.2025 (54) SYSTEMS AND METHODS FOR ELECTRONIC GAMING IN WHICH AN ACTIVE AREA ALTERNATES BETWEEN SETS OF REELS	(71) Bigfoot Biomedical, Inc. (21) 2025204268 (22) 06.06.2025 (54) Operating multi-modal medicine delivery systems
(71) Aristocrat Technologies, Inc. (21) 2025204189 (22) 05.06.2025 (54) ELECTRONIC GAMING SYSTEMS AND METHODS FOR PRESENTING WHEEL-BASED AND INTERACTIVE BONUS GAMES	(71) Aristocrat Technologies Australia Pty Limited (21) 2025204267 (22) 06.06.2025 (54) SYSTEM AND METHOD OF PROVIDING A HOLD AND SPIN FEATURE GAME WITH REEL SPECIFIC MULTIPLIERS	(71) Blackhawk Network, Inc. (21) 2025204254 (22) 06.06.2025 (54) System for packaging, processing, and activating a bundled greeting and gift card
(71) Aristocrat Technologies, Inc. (21) 2025204190 (22) 05.06.2025 (54) AUTOMATIC HELPDESK EXPLAINER		(71) Boehringer Ingelheim International GmbH (21) 2025204286 (22) 10.06.2025 (54) Methods of treating inflammatory diseases
(71) Aristocrat Technologies, Inc. (21) 2025204191 (22) 05.06.2025 (54) SYSTEMS AND METHODS FOR DISPLAYING VISUAL EFFECTS CORRESPONDING TO EVENTS THAT		

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(71) Boston Scientific Scimed, Inc.
(21) 2025204259 (22) 06.06.2025
(54) Medical device including a hemostatic clip

Breeth, Inc. see University of Maryland, Baltimore

(21) 2025204238

(71) Britax Child Safety Inc
(21) 2025204178 (22) 04.06.2025
(54) CHILD SEAT WITH BELT TENSIONING MECHANISM FOR IMPROVED INSTALLATION

Business Display Plates see Ascone, R.

(21) 2025204272

California Institute of Technology see The Rockefeller University

(21) 2025204249

(71) CATERPILLAR INC.
(21) 2025204171 (22) 04.06.2025
(54) DYNAMIC BRAKE BIASING FOR ARTICULATING VEHICLES

(71) CATERPILLAR INC.
(21) 2025204203 (22) 05.06.2025
(54) WORK MACHINE ACCESSORY MOTOR LOAD PROTECTION

(71) Centre for Probe Development and Commercialization
(21) 2025204253 (22) 06.06.2025
(54) IGF-1R monoclonal antibodies and uses thereof

(71) CFP, LLC
(21) 2025204288 (22) 10.06.2025
(54) MULTI-PROCESS COMMUNICATION REGARDING GAMING INFORMATION

CLEW Holdings Group Pty Ltd as trustee for CLEW Holdings Group Trust see for GM TRUST, G.W.M.

(21) 2025204156

(71) ConMed Corporation
(21) 2025204218 (22) 05.06.2025
(54) Locking suture construct

(71) Corbin Clinical Resources, LLC
(21) 2025204194 (22) 05.06.2025
(54) Apparatus, systems, and methods for planning and performing guided and free-handed transperineal prostate biopsies

(71) CROWN EQUIPMENT CORPORATION

(21) 2025204260 (22) 06.06.2025
(54) Systems and methods for relative pose determination and field enforcement of materials handling vehicles using ultra-wideband radio technology

(71) CyDex Pharmaceuticals, Inc.
(21) 2025204233 (22) 06.06.2025

(54) Formulations containing acetaminophen and sulfoalkyl ether cyclodextrin

(71) Deere & Company

(21) 2025204197 (22) 05.06.2025
(54) Planter row unit health monitoring solution

(71) DET-IO PTY LIMITED

(21) 2025204282 (22) 10.06.2025
(54) Dynamically Self-Evolving Multi-Agent Architecture

(71) EACON TECHNOLOGY CO., LTD.

(21) 2025204270 (22) 08.06.2025
(54) Vehicle State Detection System and Vehicle Control System

(71) ELTA Systems Ltd.

(21) 2025204174 (22) 04.06.2025
(54) Method of navigating a vehicle and system thereof

(71) Enstall US, Inc.

(21) 2025204150 (22) 03.06.2025
(54) Photovoltaic Mount Assembly For A Composition Shingle Roof

(71) ENVISION ENERGY TECHNOLOGY PTE LTD

(21) 2025204151 (22) 04.06.2025
(54) Method and apparatus for assessing status of wind turbines, and storage medium

(71) Epitracker, Inc.

(21) 2025204285 (22) 10.06.2025
(54) Compositions and methods for diagnosis and treatment of conditions related to the quality of aging and longevity

(71) Fire & Flood Emergency Services Ltd.

(21) 2025204206 (22) 05.06.2025
(54) FIRE SUPPRESSION SYSTEM AND PROCESS OF DEPLOYMENT

(71) FISHER & PAYKEL HEALTHCARE LIMITED

(21) 2025204220 (22) 05.06.2025
(54) EXHALATION PORT

(71) for GM TRUST, G.W.M.; Menzies as trustee for TM Trust, T.; for SWM TRUST, S.W.M.; for RGM TRUST, R.G.M.; CLEW Holdings Group Pty Ltd as trustee for CLEW Holdings Group Trust; WPH Holdings Group Pty Ltd as trustee for WPH Holdings Group Trust; Suvla Properties Pty Ltd as trustee for Minippi Trust

(21) 2025204156 (22) 04.06.2025
(54) Transport Platform System and Method

for RGM TRUST, R.G.M. see for GM TRUST, G.W.M.

(21) 2025204156

for SWM TRUST, S.W.M. see for GM TRUST, G.W.M.

(21) 2025204156

(71) Fortescue Zero Limited

(21) 2025204319 (22) 10.06.2025
(54) Battery module

(71) FRESHLINK PRODUCT DEVELOPMENT, LLC

(21) 2025204173 (22) 04.06.2025
(54) FOOD CONTAINER

(71) Genesis Systems LLC

(21) 2025204215 (22) 05.06.2025
(54) Atmospheric water generation systems and methods by absorption using ultrasound or microwave for regeneration of the solvent

(71) Gen-Probe Incorporated

(21) 2025204159 (22) 04.06.2025
(54) Enzyme formulations and reaction mixtures for nucleic acid amplification

(71) Gen-Probe Incorporated

(21) 2025204160 (22) 04.06.2025
(54) Enzyme formulations and reaction mixtures for nucleic acid amplification

(71) Gen-Probe Incorporated

(21) 2025204163 (22) 04.06.2025
(54) Enzyme formulations and reaction mixtures for nucleic acid amplification

(71) GI Scientific, LLC

(21) 2025204207 (22) 05.06.2025
(54) Endoscope accessory with angularly adjustable exit portal

(71) Gopala AG

(21) 2025204222 (22) 05.06.2025
(54) Filter cartridge

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(71) GRABOVOL, G.P. (21) 2025204274 (22) 09.06.2025 (54) A device of development of concentration comprising three modes and a computer-implemented method used in the same	(71) Illinois Tool Works Inc. (21) 2025204169 (22) 04.06.2025 (54) Strip of fasteners	(71) LG ELECTRONICS INC. (21) 2025204216 (22) 05.06.2025 (54) Laundry treating apparatus
(71) Grin Holdings Limited (21) 2025204283 (22) 10.06.2025 (54) Oral Care Formulations	(71) Janssen Biotech, Inc. (21) 2025204213 (22) 05.06.2025 (54) Antigen binding regions against fibronectin type III domains and methods of using the same	(71) M.G.A. Insurance Brokers Pty. Ltd. (21) 2025204157 (22) 04.06.2025 (54) METHOD OF MANAGING ASSETS
(71) GRISWOLD CONTROLS, LLC (21) 2025204153 (22) 04.06.2025 (54) FLOW CONTROL VALVE WITH ROLLING DIAPHRAGM	(71) Jiangsu Ruimin Xincheng New Materials Co., Ltd. (21) 2025204230 (22) 05.06.2025 (54) NEW FIRE-RETARDANT CONTAINMENT MESH	(71) MAKO Surgical Corp. (21) 2025204140 (22) 03.06.2025 (54) Surgical navigation systems and methods for detecting localizer motion
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(71) Haley, G.; Haley, O. (21) 2025204195 (22) 05.06.2025 (54) Rodent Bait Holder	(71) JUUL Labs, Inc. (21) 2025204147 (22) 03.06.2025 (54) Anemometric-assisted control of a vaporizer	(71) MannKind Corporation (21) 2025204271 (22) 08.06.2025 (54) MICROCRYSTALLINE DIKETOPIPERAZINE COMPOSITIONS AND METHODS
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(71) Hanna, M.; Hanna, D. (21) 2025204251 (22) 06.06.2025 (54) TRANSPORTATION AERIAL-VEHICLE HAVING DISTRIBUTED- BATTERIES AND POWERING METHOD THEREFOR	(71) KHCaptial Pty Ltd (21) 2025204269 (22) 06.06.2025 (54) Multi-Function Fragrance Dispensing and Advertising Vending Machine	(71) Memorial Sloan-Kettering Cancer Center (21) 2025204316 (22) 10.06.2025 (54) Enhanced chimeric antigen receptors and uses thereof
(71) Hasbro, Inc. (21) 2025204209 (22) 05.06.2025 (54) FABRIC PRINTING METHOD FOR PRODUCING SPARKLING FABRIC	(71) Korro Bio, Inc. (21) 2025204244 (22) 06.06.2025 (54) RNA-editing oligonucleotides and uses thereof	Menzies as trustee for TM Trust, T. see for GM TRUST, G.W.M. (21) 2025204156
(71) Hayward Industries, Inc. (21) 2025204255 (22) 06.06.2025 (54) Butterfly valve	(71) LASERMOTIVE, INC. (21) 2025204205 (22) 05.06.2025 (54) Power receiver electronics	(71) Metalogenia Research & Technologies, S.L. (21) 2025204165 (22) 04.06.2025 (54) SYSTEMS AND METHODS FOR MEASURING FORCES IN EARTH MOVING MACHINERY AND CONTROL THEREOF, AND AUTOMATIC OR SEMI-AUTOMATIC MACHINERY
(71) Honeywell Safety Products USA, Inc. (21) 2025204256 (22) 06.06.2025 (54) Outsole for a footwear article	(71) Lee, W. (21) 2025204168 (22) 04.06.2025 (54) Wall Cladding, Panel and Assembly	(71) MetaTech (AP) Inc. (21) 2025204277 (22) 09.06.2025 (54) Method for treating detrusor underactivity by using cell composition and method for preparing cell composition
(71) Huawei Technologies Co., Ltd. (21) 2025204262 (22) 06.06.2025 (54) Video coding bitstream extraction with identifier signaling	(71) Lee, B.W.F. (21) 2025204284 (22) 10.06.2025 (54) TRUFFLE EXTRACTION PROCESS AND PRODUCTS	(71) Milliken (Australia) Pty Ltd (21) 2025204258 (22) 06.06.2025 (54) COMINGLED SYNTHETIC CARPET AND SOFT PLASTICS FOR USE IN
(71) IGT (21) 2025204212 (22) 05.06.2025 (54) EMAILING OR TEXTING AS COMMUNICATION BETWEEN MOBILE DEVICE AND EGM	(71) LG ELECTRONICS INC. (21) 2025204210 (22) 05.06.2025 (54) Laundry treating apparatus	

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(71) Nanjing Chervon Industry Co., Ltd. (21) 2025204261 (22) 06.06.2025 (54) CHAINSAW	(71) Pazzaglia, V. (21) 2025204236 (22) 06.06.2025 (54) TOWELEASE, A BEACH TOWEL WITH SECURE STORAGE AND MAGNETIC ANCHORING SYSTEM	(54) System and method to implement a lottery second chance game based on game tiles
(71) Nacion Therapeutics, Inc. (21) 2025204184 (22) 04.06.2025 (54) CHARGED ION CHANNEL BLOCKERS AND METHODS FOR USE	(71) Pindrop Security, Inc. (21) 2025204323 (22) 10.06.2025 (54) SYSTEMS AND METHODS OF SPEAKER-INDEPENDENT EMBEDDING FOR IDENTIFICATION AND VERIFICATION FROM AUDIO	(71) SHINE Technologies, LLC (21) 2025204044 (22) 30.05.2025 (54) High power ion beam generator systems and methods
(71) NOLAN, J. (21) 2025204235 (22) 06.06.2025 (54) EQUIPMENT FOR LAYING OUT/ROLLING UP AN ELONGATED FLEXIBLE MEMBER	(71) Poldmaa, A. (21) 2025204279 (22) 09.06.2025 (54) A LOAD FASTENING AND MONITORING DEVICE	(71) Ship and Ocean Industries R&D Center (21) 2025204226 (22) 05.06.2025 (54) Real-time vessel identity and image matching system and operating method thereof
(71) Norton (Waterford) Limited (21) 2025204219 (22) 05.06.2025 (54) Dry powder medicament inhaler	(71) PROGRESS RAIL LOCOMOTIVE INC. (21) 2025204170 (22) 04.06.2025 (54) MOUNTING SYSTEM FOR EQUIPMENT	(71) Snap-on Incorporated (21) 2025204177 (22) 04.06.2025 (54) Wireless torque wrench with torque specifications
(71) NOVALIQ GMBH (21) 2025204313 (22) 10.06.2025 (54) OPHTHALMIC COMPOSITIONS FOR TREATMENT OF OCULAR SURFACE DAMAGE AND SYMPTOMS OF DRYNESS	(71) Raven Industries, Inc. (21) 2025204188 (22) 05.06.2025 (54) Guidance system to navigate intervening obstacles and methods for same	(71) Solo Brands, LLC (21) 2025204243 (22) 06.06.2025 (54) Fire pit barrier
(71) Olam Americas, LLC (21) 2025204250 (22) 06.06.2025 (54) Methods of reducing aflatoxin in nuts	(71) Regeneron Pharmaceuticals, Inc. (21) 2025204183 (22) 04.06.2025 (54) Anti-TMPRSS2 antibodies and antigen-binding fragments	(71) Spark Therapeutics, Inc. (21) 2025204161 (22) 04.06.2025 (54) Optimized promoter sequences, intron-free expression constructs and methods of use
(71) Omeros Corporation (21) 2025204180 (22) 04.06.2025 (54) MASP-2 inhibitors and methods of use	(71) Regeneron Pharmaceuticals, Inc. (21) 2025204229 (22) 05.06.2025 (54) High Concentration VEGF Receptor Fusion Protein Containing Formulations	(71) Spectrum Brands, Inc. (21) 2025204199 (22) 05.06.2025 (54) Anti-calcification improvements for steam station
(71) Omnicyte (21) 2025204186 (22) 05.06.2025 (54) Fusion proteins comprising modified alpha virus surface glycoproteins and tumor associated antigen and methods thereof	(71) Research Institute at Nationwide Children's Hospital (21) 2025204275 (22) 09.06.2025 (54) INCREASING TISSUE SPECIFIC GENE DELIVERY BY CAPSID MODIFICATION	(71) Spraying Systems Co. (21) 2025204166 (22) 04.06.2025 (54) Electrostatic spray drying nozzle assembly
(71) OP2 Drugs (21) 2025204144 (22) 03.06.2025 (54) Pharmaceutical composition comprising cyclodextrin complexes of anethole trithione or derivatives thereof	(71) resonAg Pty Ltd (21) 2025204185 (22) 04.06.2025 (54) Method and apparatus for measuring soil moisture and composition	(71) Standard Bariatrics, Inc. (21) 2025204162 (22) 04.06.2025 (54) SYSTEMS, DEVICES, AND METHODS FOR PREVENTING OR REDUCING LOSS OF INSUFFLATION DURING A LAPAROSCOPIC SURGICAL PROCEDURE
(71) Opec Remediation Technologies Pty Limited (21) 2025204232 (22) 06.06.2025 (54) Method and apparatus for separation of a substance from water	(71) Samsonite IP Holdings S.à r.l. (21) 2025204198 (22) 05.06.2025 (54) SUSPENSION WHEEL FOR LUGGAGE CASES	(71) Sunrise Medical (US) LLC (21) 2025204242 (22) 06.06.2025 (54) Armrest and wheelchair assembly
(71) Paradise Honey Oy (21) 2025204281 (22) 09.06.2025 (54) Structure of a Honeycomb Frame	(71) Scientific Games, LLC (21) 2025204318 (22) 10.06.2025	Suvla Properties Pty Ltd as trustee for Minippi Trust see for GM TRUST, G.W.M. (21) 2025204156

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(71) Suzhou One World Technology Co. Ltd
(21) 2025204200 (22) 05.06.2025
(54) DATA PROCESSING METHOD,
DEVICE AND SYSTEM

(71) Taizhou Runjie Logistics Safety Equip-
ment Science and Technology Co., Ltd.
(21) 2025204278 (22) 09.06.2025
(54) FASTENER WITH SAFETY BUCKLE

(71) Techtronic Cordless GP
(21) 2025204324 (22) 10.06.2025
(54) Cylindrical battery with expansion tape

(71) Ted Golf Equipment Co., Ltd
(21) 2025204264 (22) 06.06.2025
(54) FOLDABLE ELECTRIC GOLF TROL-
LEY

(71) Telnix LLC
(21) 2025204239 (22) 06.06.2025
(54) Secure virtual private mobile and IP
network in cloud

(71) Telnix LLC
(21) 2025204240 (22) 06.06.2025
(54) Secure virtual private mobile and IP
network in cloud

(71) Telnix LLC
(21) 2025204241 (22) 06.06.2025
(54) Secure virtual private mobile and IP
network in cloud

(71) Temple University - of the Common-
wealth System of Higher Education
(21) 2025204187 (22) 05.06.2025
(54) Methods and compositions for RNA-
guided treatment of HIV infection

(71) TeneoOne, Inc.
(21) 2025203751 (22) 21.05.2025
(54) Anti-BCMA heavy chain-only antibodies

(71) THANDRA, V.; SHAABAN, A.F.
(21) 2025204214 (22) 05.06.2025
(54) SYSTEM AND METHOD FOR AUTO-
MATED COLLECTIONS OF DEBTS
FOR BUSINESSES

(71) The Board of Regents of the University
of Texas System
(21) 2025204146 (22) 03.06.2025
(54) Adjuvant effect of the TLR1/2 agon-
ist diprovocim synergizes with check-
point-inhibiting antibodies to eliminate
disease

(71) THE CHEMOURS COMPANY FC, LLC
(21) 2025204265 (22) 06.06.2025

(54) COMPOSITIONS COMPRISING
FLUOROOLEFINS AND USES
THEREOF

(71) The Medical College of Wisconsin, Inc.
(21) 2025204208 (22) 05.06.2025
(54) Assessing transplant complication risk
with total cell-free DNA

(71) THE PROCTER & GAMBLE COM-
PANY
(21) 2025204152 (22) 04.06.2025
(54) EDIBLE ORAL COMPOSITIONS COM-
PRISING HOPS

(71) THE PROCTER & GAMBLE COM-
PANY
(21) 2025204167 (22) 04.06.2025
(54) DEVICE FOR APPLYING EMULSION
COMPOSITIONS

(71) The Raymond Corporation
(21) 2025204164 (22) 04.06.2025
(54) Data processing systems and methods
for a material handling vehicle

(71) The Regents of the University of
Michigan
(21) 2025204158 (22) 04.06.2025
(54) Pharmacogenomic Decision Support
For Modulators Of The NMDA, Glycine,
And AMPA Receptors

(71) The Rockefeller University; California
Institute of Technology
(21) 2025204249 (22) 06.06.2025
(54) HUMAN IMMUNODEFICIENCY VIRUS
NEUTRALISING ANTIBODIES AND
METHODS OF USE THEREOF

(71) The Wistar Institute of Anatomy and
Biology
(21) 2025204247 (22) 06.06.2025
(54) Large and small T antigens of merkel
cell polyomavirus, nucleic acid con-
structs and vaccines made therefrom,
and methods of using same

(71) TINNITUS TELECARE PTY LTD
(21) 2025204234 (22) 06.06.2025
(54) SYSTEMS AND METHODS FOR
TREATING TINNITUS

(71) Towells, M.
(21) 2025204204 (22) 05.06.2025
(54) System and Method for Automatic Di-
gital Capture and Distribution of Offi-
cial Itemised Tax Invoices and /or Sales
Receipts Following Card or Digital Pay-
ments at POS

(71) Transportation IP Holdings, LLC
(21) 2025204257 (22) 06.06.2025
(54) BRAKING SYSTEM AND METHOD

(71) TRINA SOLAR CO., LTD.
(21) 2025204223 (22) 05.06.2025
(54) Solar cell, photovoltaic device, and
photovoltaic system

(71) Typhon Technology Solutions, LLC
(21) 2025204172 (22) 04.06.2025
(54) Mobile electric power generation for hy-
draulic fracturing of subsurface geolo-
gical formations

(71) University of Maryland, Baltimore;
Breethe, Inc.
(21) 2025204238 (22) 06.06.2025
(54) Artificial lung system and its methods of
use

(71) UON Pty Ltd
(21) 2025204201 (22) 05.06.2025
(54) Mine dewatering using remotely posi-
tioned renewable energy sources

(71) VENTORA Group Pty Ltd
(21) 2025204155 (22) 04.06.2025
(54) A fenestration assembly

(71) Verve Therapeutics, Inc.
(21) 2025204143 (22) 03.06.2025
(54) Base editing of PCSK9 and methods of
using same for treatment of disease

(71) Verve Therapeutics, Inc.
(21) 2025204175 (22) 04.06.2025
(54) Base editing of ANGPTL3 and methods
of using same for treatment of disease

(71) WATTS REGULATOR CO.
(21) 2025204225 (22) 05.06.2025
(54) DRAIN GUARD ASSEMBLY AND SYS-
TEM

(71) Weber-Stephen Products LLC
(21) 2025204179 (22) 04.06.2025
(54) Flat Top Gas Grills Including Cooking
Engines Configured For Optimum Heat
Distribution

(71) Williams, S.
(21) 2025204287 (22) 10.06.2025
(54) Device and method for removing Debris

(71) Workplace Maintenance Solutions Pty
Ltd
(21) 2025204245 (22) 06.06.2025
(54) A System, Apparatus and Rack for Sup-
porting Wheels

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**WPH Holdings Group Pty Ltd as trustee
for WPH Holdings Group Trust see for GM
TRUST, G.W.M.**
(21) 2025204156

(71) YANG, Y.
(21) 2025204252 (22) 06.06.2025
(54) WIRELESS INFORMATION INTEG-
RATED FLAKE AND CLOSURE LINER
COMPRISING THE SAME

(71) Zebra Technologies Corporation
(21) 2025204176 (22) 04.06.2025
(54) Effectively handling mirrored objects in
an image

(71) Zhejiang Tianti Rubber & Plastic Tech-
nology Co., Ltd.
(21) 2025204276 (22) 09.06.2025
(54) Flexible pipe for garden use

(71) ZTE Corporation
(21) 2025204248 (22) 06.06.2025
(54) Beam failure recovery processing meth-
od and device

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2025204143	Verve Therapeutics, Inc.	2025204206	Fire & Flood Emergency Services Ltd.
2025204144	OP2 Drugs	2025204207	GI Scientific, LLC
2025204146	The Board of Regents of the University of Texas System	2025204208	The Medical College of Wisconsin, Inc.
2025204147	JUUL Labs, Inc.	2025204209	Hasbro, Inc.
2025204148	ANTINBIO, INC.	2025204210	LG ELECTRONICS INC.
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2025204153	GRISWOLD CONTROLS, LLC	2025204214	THANDRA, V.; SHAABAN, A.F.
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2025204157	M.G.A. Insurance Brokers Pty. Ltd.	2025204218	ConMed Corporation
2025204158	The Regents of the University of Michigan	2025204219	Norton (Waterford) Limited
2025204159	Gen-Probe Incorporated	2025204220	FISHER & PAYKEL HEALTHCARE LIMITED
2025204160	Gen-Probe Incorporated	2025204221	Aristocrat Technologies Australia Pty Limited
2025204161	Spark Therapeutics, Inc.	2025204222	Gopala AG
2025204162	Standard Bariatrics, Inc.	2025204223	TRINA SOLAR CO., LTD.
2025204163	Gen-Probe Incorporated	2025204224	Bayer Aktiengesellschaft
2025204164	The Raymond Corporation	2025204225	WATTS REGULATOR CO.
2025204165	Metalogenia Research & Technologies, S.L.	2025204226	Ship and Ocean Industries R&D Center
2025204166	Spraying Systems Co.	2025204227	A.L. Filter EAD
2025204167	THE PROCTER & GAMBLE COMPANY	2025204228	BBI Medical Innovations, LLC
2025204168	Lee, W.	2025204229	Regeneron Pharmaceuticals, Inc.
2025204169	Illinois Tool Works Inc.	2025204230	Jiangsu Ruimin Xincheng New Materials Co., Ltd.
2025204170	PROGRESS RAIL LOCOMOTIVE INC.	2025204231	Applied Medical Resources Corporation
2025204171	CATERPILLAR INC.	2025204232	Opec Remediation Technologies Pty Limited
2025204172	Typhon Technology Solutions, LLC	2025204233	CyDex Pharmaceuticals, Inc.
2025204173	FRESHLINK PRODUCT DEVELOPMENT, LLC	2025204234	TINNITUS TELECARE PTY LTD
2025204174	ELTA Systems Ltd.	2025204235	NOLAN, J.
2025204175	Verve Therapeutics, Inc.	2025204236	Pazzaglia, V.
2025204176	Zebra Technologies Corporation	2025204237	Kenvue Brands LLC
2025204177	Snap-on Incorporated	2025204238	University of Maryland, Baltimore; Breethe, Inc.
2025204178	Britax Child Safety Inc	2025204239	Telnyx LLC
2025204179	Weber-Stephen Products LLC	2025204240	Telnyx LLC
2025204180	Omeros Corporation	2025204241	Telnyx LLC
2025204181	Aristocrat Technologies Australia Pty Limited	2025204242	Sunrise Medical (US) LLC
2025204182	Manuel, J.	2025204243	Solo Brands, LLC
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2025204184	Nocion Therapeutics, Inc.	2025204245	Workplace Maintenance Solutions Pty Ltd
2025204185	resonAg Pty Ltd	2025204247	The Wistar Institute of Anatomy and Biology
2025204186	Omnicyte	2025204248	ZTE Corporation
2025204187	Temple University - of the Commonwealth System of Higher Education	2025204249	The Rockefeller University; California Institute of Technology
2025204188	Raven Industries, Inc.	2025204250	Olam Americas, LLC
2025204189	Aristocrat Technologies, Inc.	2025204251	Hanna, M.; Hanna, D.
2025204190	Aristocrat Technologies, Inc.	2025204252	YANG, Y.
2025204191	Aristocrat Technologies, Inc.	2025204253	Centre for Probe Development and Commercialization
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2025204193	Agribody Technologies, Inc.	2025204255	Hayward Industries, Inc.
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2025204197	Deere & Company	2025204259	Boston Scientific Scimed, Inc.
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2025204200	Suzhou One World Technology Co. Ltd	2025204262	Huawei Technologies Co., Ltd.
2025204201	UON Pty Ltd	2025204263	Aristocrat Technologies, Inc.
		2025204264	Ted Golf Equipment Co., Ltd
		2025204265	THE CHEMOURS COMPANY FC, LLC
		2025204266	Aristocrat Technologies Australia Pty Limited
		2025204267	Aristocrat Technologies Australia Pty Limited
		2025204268	Bigfoot Biomedical, Inc.
		2025204269	KHCapital Pty Ltd

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2025204270	EACON TECHNOLOGY CO., LTD.
2025204271	MannKind Corporation
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2025204273	AGORA NZ LIMITED
2025204274	GRABOVOL, G.P.
2025204275	Research Institute at Nationwide Children's Hospital
2025204276	Zhejiang Tianti Rubber & Plastic Technology Co., Ltd.
2025204277	MetaTech (AP) Inc.
2025204278	Taizhou Runjie Logistics Safety Equipment Science and Technology Co., Ltd.
2025204279	Poldmaa, A.
2025204280	BACAINN BIOTHERAPEUTICS, LTD.
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2025204282	DET-IO PTY LIMITED
2025204283	Grin Holdings Limited
2025204284	Lee, B.W.F.
2025204285	Epitracker, Inc.
2025204286	Boehringer Ingelheim International GmbH
2025204287	Williams, S.
2025204288	CFPH, LLC
2025204313	NOVALIQ GMBH
2025204314	Angeles Therapeutics, Inc.
2025204316	Memorial Sloan-Kettering Cancer Center
2025204318	Scientific Games, LLC
2025204319	Fortescue Zero Limited
2025204323	Pindrop Security, Inc.
2025204324	Techtronic Cordless GP

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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Assignments before Grant, Section 113

2018

2018276409 Boehringer Ingelheim International GmbH The application has been assigned to **Ablynx N.V.**

2019

2019239324 Surface Oncology, LLC; Adimab LLC The application has been assigned to **SURFACE ONCOLOGY, LLC**

2020

2020260574 Razor Innovation Pty Ltd The application has been assigned to **Ventico Australia Pty Ltd**

2020396791 Lung-Diagnostics GmbH The application has been assigned to **7S Health.Care GmbH**

2021

2021259346 AstraZeneca AB The application has been assigned to **MedImmune, LLC**

2021271627 Cleave Therapeutics, Inc. The application has been assigned to **CASI Pharmaceuticals, Inc.**

2021279275 DSM IP Assets B.V. The application has been assigned to **Envalior B.V.**

2022

2022359812 SANOFI The application has been assigned to **Sanofi Pasteur Inc.**

2023

2023226459 GROHE AG The application has been assigned to **SenseGuard GmbH**

2023228989 Epigenic Therapeutics, Inc. The application has been assigned to **Epigenic Therapeutics Pte. Ltd.**

2023255287 Carbo Culture, Inc. The application has been assigned to **Carbo Culture Oy**

2023274754 DUALITY BIOLOGICS (SUZHOU) CO., LTD. The application has been assigned to **DUALITY BIOLOGICS (SHANGHAI) CO., LTD.**

Assignments before Grant, Section 113

2023327576 GROHE AG The application has been assigned to **SenseGuard GmbH**

2024

2024227796 Institute of Geological and Nuclear Sciences Limited; Futter, Richard; Davidson, Ryan The application has been assigned to **Institute of Geological and Nuclear Sciences Limited**

2025

2025200485 Universal Hydrogen Co. The application has been assigned to **SAS Beyond Aerospace**

2025201303 Universal Hydrogen Co. The application has been assigned to **SAS Beyond Aerospace**

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.

2014

2014315110 **Adare Pharmaceuticals, Inc.** An application to extend the time from 05 Sep 2024 to 05 Apr 2025 in which to pay a renewal fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2017

2017258843 **Gleeson, K.; Bodlovich, A.; Green Camel Pty Limited** An application to extend the time from 28 Dec 2024 to 28 Aug 2025 in which to gain acceptance has been filed . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2018

2018253572 **Coca-Cola Europacific Partners Australia Pty Limited** An application to extend the time from 25 Oct 2024 to 25 May 2025 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2020

2020291526 **Advance Pharmaceutical, Inc.** An application to extend the time from 10 Jun 2024 to 10 Feb 2025 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2024

2024201122 **The Children's Hospital of Philadelphia** An application to extend the time from 30 Aug 2024 to 30 Apr 2025 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2024202258 **2WP International Pty Ltd** An application to extend the time from 10 Sep 2024 to 10 Apr 2025 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15, 1 Nicholson Street MELBOURNE VIC 3000 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2014

2014331604 **Alnylam Pharmaceuticals, Inc.; Icahn School of Medicine at Mount Sinai** the time in which to request an Extension of Term - Pharmaceutical has been extended to 28 Sep 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017

2017291851 **Collectis** The time in which to pay a renewal fee has been extended to 30 Jan 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018203098 **Alnylam Pharmaceuticals, Inc.; Icahn School of Medicine at Mount Sinai** the time in which to request an Extension of Term - Pharmaceutical has been extended to 28 Sep 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2020

2020286311 **Alnylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI** The time in which to request an Extension of Term - Pharmaceutical has been extended to 14 Sep 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021

2021203985 **Wood, L.** The time in which to request examination has been extended to 25 Jun 2025 . Address for service - JMDS IP Pty Ltd PO Box 3066 Newstead QLD 4006 AU

2022

2022482873 **VIASAT, INC.** The time in which to enter the National Phase has been extended to 18 Jun 2025 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2022482874 **VIASAT, INC.** The time in which to enter the National Phase has been extended to 18 Jun 2025 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2025

2025200064 **Mincle co** The time in which to comply with a direction under Reg 3.2A has been extended to 08 Apr 2025 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2025201532 **Transportation IP Holdings, LLC** The time in which to claim the convention priority date has been extended to 28 Mar 2025 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2025201930 **Strong Force TX Portfolio 2018, LLC** The time in which to pay the filing fee has been extended to 19 Jun 2025 . Address for service - ET Intellectual Property PO Box 10 932 Wellington 6140 NZ

2025202097 **Strong Force TX Portfolio 2018, LLC** The time in which to pay the filing fee has been extended to 26 Jun 2025 . Address for service - ET Intellectual Property PO Box 10 932 Wellington 6140 NZ

Extensions of Time, Section 223

2025203481 **Paradigm Spine, LLC** The time in which to make a further application for a divisional patent has been extended to 13 Jun 2025 . Address for service - Kings Patent & Trade Marks Attorneys Pty Ltd PO Box 128 Aspley QLD 4034 AU

Amendments

Applications for Amendment

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

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

2018

2018365677 Means and method for preparing viral vectors and uses of same **Novartis AG** 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

2019

2019301575 Low cost dispatchable solar power **Raygen Resources Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 15 May 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2019351809 Biodegradable lipids for the delivery of active agents **Alnylam Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 30 May 2025 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2020

2020287198 Nicotine pouch composition and pouch comprising such **Philip Morris Products S.A.** The nature of the amendment is as shown in the statement(s) filed 22 Apr 2025 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2022

2022200595 Ultra High Gas Barrier Metallized Biaxially Oriented Polypropylene Film **PT Indopoly Swakarsa Industry Tbk** The nature of the amendment is as shown in the statement(s) filed 26 Feb 2025 . Address for service - JMDS IP Pty Ltd PO Box 3066 Newstead QLD 4006 AU

2022354108 DRY POWDER MEDICAMENT INHALER **NORTON (WATERFORD) LIMITED** The nature of the amendment is as shown in the statement(s) filed 27 May 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022394648 An Anti-hypoxic/anoxic Injury Use of a Magnolol and/or Honokiol Aromatic Ring Amino-substituted Derivative and a Pharmaceutical Composition **BEIJING HONGHUI MEDITECH CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 26

Amendments

May 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2024

2024287156 A NATURAL MATRIX MIXTURE FOR THE TREATMENT OF BONE FRAGILITY **Bios-Therapy, Physiological Systems for Health S.p.A.** The nature of the amendment is as shown in the statement(s) filed 29 May 2025 . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

Amendments Made

2007

2007208274 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 20 Feb 2025

2008

2008266951 **Merck Sharp & Dohme B.V.** The nature of the amendment is as shown in the statement filed 09 Jan 2025

2011

2011244866 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Lemay, Stephen O.; Jobs, Steven P.; Forstall, Scott; Christie, Greg; Novick, Gregory; Van Os, Marcel; Coffman, Patrick Lee; Chaudhri, Imran; Herz, Scott M. and Matas, Michael J.

2012

2012279230 **Amgen Inc.** The nature of the amendment is as shown in the statement filed 07 Feb 2025

2018

2018392818 **Ipsen Biopharm Limited** The nature of the amendment is as shown in the statement filed 21 Feb 2025

2019

2019223963 **The Trustees of the University of Pennsylvania; Regenxbio Inc.** The nature of the amendment is: Amend the name of the inventor to read WILSON, James M.; YOO, Stephen; VAN EVEREN, Sherri; BENNETT, Jean; MAGUIRE, Albert M; ALEMAN, Tomas Santiago; MARSHALL, Tristan James and TRETIKOVA, Anna

2019263254 **Stryker Corporation** The nature of the amendment is as shown in the statement filed 18 Feb 2025

2019330733 **C I Corporation Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101866

2019340387 **The Regents of The University of California; University College Dublin** The nature of the amendment is as shown in the statement filed 13 Mar 2025

2019348191 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2019368654 **iOmx Therapeutics AG** The nature of the amendment is as shown in the statement filed 07 Mar 2025

2019392680 **Sage Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read BLANCO-PILLADO,

Amendments

Maria Jesus; SALITURO, Francesco G. and MORNINGSTAR, Marshall Lee

2019444223 **Metso USA Inc.** The nature of the amendment is: To amend the applicant name to Metso USA Inc.

2019444430 **Metso USA Inc.** The nature of the amendment is: To amend the applicant name to Metso USA Inc.

2019444627 **Metso USA Inc.** The nature of the amendment is: To amend the applicant name to Metso USA Inc.

2019469164 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2019480871 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020

2020200344 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020245268 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020286179 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020286180 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020323233 **Metso USA Inc.** The nature of the amendment is: To amend the applicant name to Metso USA Inc.

2020338260 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020342796 **Genelec Oy** The nature of the amendment is as shown in the statement filed 11 Dec 2024

2020382872 **EVOBEND GmbH** The nature of the amendment is: Amend the invention title to read Bending machine and method for processing a workpiece by means of a bending machine

2020405938 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020406622 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020443206 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020453393 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2020465091 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

Amendments

2020477590 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021

2021221604 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021221606 **Metso Sweden AB** The nature of the amendment is: To amend the applicant name to Metso Sweden AB

2021221608 **Metso Sweden AB** The nature of the amendment is: To amend the applicant name to Metso Sweden AB

2021221609 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021221617 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021221620 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021221622 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021221625 **Metso USA Inc.** The nature of the amendment is: To amend the applicant name to Metso USA Inc.

2021221636 **Metso USA Inc.** The nature of the amendment is: To amend the applicant name to Metso USA Inc.

2021221657 **Metso USA Inc.** The nature of the amendment is: To amend the applicant name to Metso USA Inc.

2021221662 **Metso USA Inc.** The nature of the amendment is: To amend the applicant name to Metso USA Inc.

2021273558 **GRABO Limited** The nature of the amendment is: To amend the applicant name to GRABO Limited

2021298904 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021300601 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021301285 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021302770 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021302771 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021302772 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

Amendments

2021369638 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2021416234 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2022

2022231871 **Metso Finland Oy** The nature of the amendment is: To amend the applicant name to Metso Finland Oy

2022406144 **MEPSGEN CO., LTD.** The nature of the amendment is: Amend the name of the inventor to read RHO, Hoon Suk; KIM, Hyuck and KIM, Yongtae

2022486981 **QUANTDETECT, INC.** The nature of the amendment is: Amend the invention title to read PROBE/PRIMER LIBRARY FOR DIAGNOSIS OF CANCER

2022487994 **HITACHI INDUSTRIAL PRODUCTS, LTD.** The nature of the amendment is: Amend the invention title to read Electric drive vehicle, control device for electric drive vehicle, and control method for electric drive vehicle

2023

2023204067 **BrightSeed, Inc.** The nature of the amendment is: Amend the name of the inventor to read CHAE, Lee Heil and LEVINE, Fred

2023221549 **JANSSEN PHARMACEUTICA NV** The nature of the amendment is: Amend the name of the inventor to read TRAN, Ngoc Duc; XIOURAS, Christos; CLEATOR, Edward; MATON, William Marc; RAMMELOO, Thomas Joachim Landewald; FERNANDES, Philippe; BONGARTZ, Jean-Pierre A; CAO, Duy Chi Trung; HORWITZ, Matthew Allan; JUSSEAU, Xavier Jean-Marie; LEMAIRE, Sébastien François Emmanuel and SCHWEITZERCHAPUT, Bertrand

2023365010 **HYDRIL USA DISTRIBUTION LLC** The nature of the amendment is: Amend the name of the inventor to read Sweeney, Kevin M.; Dunn, Greg Matthew; Haeberle, Hunter Scott and Peralez, Robert Andrew

2023378432 **JANI INTERNATIONAL PTE. LTD.** The nature of the amendment is: Amend the invention title to read ENGAGING BASE ASSEMBLY AND WHEELED MOVABLE DEVICE

2023378440 **PRIME GENE THERAPEUTICS CO., LTD.** The nature of the amendment is: Amend the invention title to read A NITRO-GEN-CONTAINING SPIROCYCLIC COMPOUND, PHARMACEUTICAL COMPOSITION AND USE THEREOF

2023401189 **SMA SOLAR TECHNOLOGY AG** The nature of the amendment is: Amend the invention title to read Inverter with intermediate circuit center and method for measuring isolation resistance by means of controlled asymmetry

2023416022 **EVE ENERGY STORAGE CO., LTD** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR DETERMINING PROTECTION STRATEGY FOR ENERGY STORAGE SYSTEM, AND DEVICE RELATED THERETO

Amendments**2024**

2024203050 **BrightSeed, Inc.** The nature of the amendment is: Amend the name of the inventor to read CHAE, Lee Heil and LEVINE, Fred

2024234293 **CHONGQING CHANGAN AUTOMOBILE CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR DETERMINING OPTIMAL ECONOMIC OPERATING POINT OF HYBRID VEHICLE, VEHICLE, MEDIUM, AND DEVICE

2024290604 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack and energy storage system comprising the same

2024331934 **CHONGQING CHANGAN AUTOMOBILE CO., LTD.** The nature of the amendment is: Amend the invention title to read CHARGE EQUALIZATION METHOD AND SYSTEM FOR VEHICLE BATTERY PACK, AND VEHICLE

2025

2025203191 **Cella Therapeutics, LLC** The nature of the amendment is: Amend the invention title to read Drug delivery systems comprising an intraocular pressure lowering agent, a neurotrophic agent, a C-type Natriuretic Peptide, a Natriuretic Peptide Receptor-B, an apoptosis signaling fragment inhibitor or a FAS-ligand inhibitor for treating glaucoma or ocular hypertension

2025203236 **Aristocrat Technologies Australia Pty Limited** The nature of the amendment is: Amend the name of the inventor to read MARKS, Daniel Mordecai

2025203485 **Sage Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read BLANCO-PILLADO, Maria Jesus; SALITURO, Francesco G. and MORNINGSTAR, Marshall Lee

2025203487 **Sage Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read BLANCO-PILLADO, Maria Jesus; SALITURO, Francesco G. and MORNINGSTAR, Marshall Lee

Amendments Withdrawn**2016**

2016275699 **IHFood A/S; SFK Leblanc A/S** The amendments dated 23 Dec 2024 have been withdrawn.
Alteration of Name(s) of Applicant(s)/Patentee(s)

2008

2008217679 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2009

2009202281 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2009265252 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

Amendments

2009295249 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2009295261 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2009295262 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2009299717 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010

2010210040 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010215418 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010223193 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010223194 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010252922 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010264622 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010302548 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010309726 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010320809 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2010364696 Metso Outotec Sweden Ab The name of the patentee has been altered to **Metso Sweden AB**

2011

2011212310 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2011219679 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2011244203 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2011268611 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

2011310026 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

Amendments

2011315400 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2011343143 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2012

2012203317 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2012334285 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2012335482 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2012343685 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2012357948 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

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

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

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

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

2013

2013203783 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2013203796 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2013203817 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

2013203833 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

2013203858 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

2013203881 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

2013205179 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

2013205190 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

Amendments

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

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

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

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

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

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

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

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

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

2014

2014201893 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

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

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

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

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

Amendments

2014222570	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014222755	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014261257	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014270287	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014270290	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014276702	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014313771	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014338838	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014359034	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014369686	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014369705	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2014411529	Metso Outotec USA Inc. has been altered to Metso USA Inc.	The name of the patentee

2015

2015222009	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2015238874	Metso Outotec USA Inc. has been altered to Metso USA Inc.	The name of the patentee
2015255125	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2015273350	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2015316667	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2015341667	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2015341668	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee

Amendments

2015394640	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2015394641	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2015394642	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2015413550	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2016		
2016204619	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2016221600	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2016227370	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2016307806	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
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2016348815	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
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2016361975	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2016370774	Metso Outotec Sweden Ab has been altered to Metso Sweden AB	The name of the patentee
2016374469	Metso Outotec Sweden Ab has been altered to Metso Sweden AB	The name of the patentee
2016405671	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2016419983	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2017		
2017201329	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2017237442	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee

Amendments

2017259023	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2017276814	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2017305865	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2017327702	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2017327766	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2017348626	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2017398212	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2017422660	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018		
2018221278	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018221279	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018287143	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018287147	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018287150	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018287163	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018287166	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018287167	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018290315	Metso Outotec Sweden Ab has been altered to Metso Sweden AB	The name of the patentee
2018290317	Metso Outotec Sweden Ab has been altered to Metso Sweden AB	The name of the patentee
2018351614	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee

Amendments

2018353113	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018366174	Metso Outotec USA Inc. has been altered to Metso USA Inc.	The name of the patentee
2018366175	Metso Outotec USA Inc. has been altered to Metso USA Inc.	The name of the patentee
2018375969	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018402635	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018405394	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018411260	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
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2018419252	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018419253	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018434575	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018434969	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018435114	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018435310	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018435420	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2018447828	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the applicant
2018454693	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2019		
2019254610	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee
2019254727	Metso Outotec Finland Oy has been altered to Metso Finland Oy	The name of the patentee

Amendments

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

2019286705 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2019328513 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2019351726 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

2019420613 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2019430430 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2019458755 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2019459427 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2020

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

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

2021

2021103859 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2021103924 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2021202827 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

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

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

2021296362 Metso Outotec USA Inc. The name of the patentee has been altered to **Metso USA Inc.**

2021319150 CAMBRIDGE EPIGENETIX LIMITED The name of the applicant has been altered to **Biomodal Limited**

2022

2022232721 METSO OUTOTEC FINLAND OY The name of the patentee has been altered to **Metso Finland Oy**

Amendments

2022415399 ENEROX GMBH The name of the applicant has been altered to **CellCube Energy Storage GmbH**

2023

2023200835 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2023307222 PARALLEL BIO The name of the applicant has been altered to **PARALLEL BIOSYSTEMS, INC.**

2023375416 GMP BIOTECHNOLOGY LIMITED; Vuong TRIEU The name of the applicant has been altered to **GMP BIOTECHNOLOGY LIMITED**

2023400140 PGA TOUR, INC. The name of the applicant has been altered to **PGA TOUR ENTERPRISES, LLC**

Applications Open to Public Inspection

Name Index

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

(71) 2170775 Alberta Ltd.
(11) AU-A-2025203881
(21) 2025203881 (22) 26.05.2025
(54) Modular head for well tubulars
(51) Int. Cl.
E21B 33/03 (2006.01)
E21B 33/04 (2006.01)
(43) 19.06.2025
(62) 2019273874
(72) SABATIER, Clint Roger
(74) FPA Patent Attorneys Pty Ltd

(71) Abbott Diabetes Care Inc.
(11) AU-A-2025203882
(21) 2025203882 (22) 26.05.2025
(54) Analyte sensors and sensing methods featuring dual detection of glucose and ketones
(51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1486 (2006.01)
(43) 19.06.2025
(62) 202283734
(72) FELDMAN, Benjamin J.; SLOAN, Mark K.; KUMAR, Ashwin; KLAIE, Namvar; LOVE, Michael R.
(74) FPA Patent Attorneys Pty Ltd

(71) AbbVie Inc.
(11) AU-A-2025204009
(21) 2025204009 (22) 29.05.2025
(54) Anti-EGFR antibodies and antibody drug conjugates
(51) Int. Cl.
A61P 35/00 (2006.01)
C07K 14/00 (2006.01)
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
(43) 19.06.2025
(62) 2023203573
(72) REILLY, Edward B.; PHILLIPS, Andrew C.; BENATUIL, Lorenzo; BUCHANAN, Fritz G.; MEULBROEK, Jonathan A.; HSIEH, Chung#Ming; PEREZ, Jennifer
(74) Spruson & Ferguson

(71) ACCESS CLOSURE, INC.
(11) AU-A-2025204015
(21) 2025204015 (22) 29.05.2025
(54) Apparatus and methods for sealing a vascular puncture
(51) Int. Cl.
A61B 17/00 (2006.01)
(43) 19.06.2025
(62) 2023204235
(72) HUNDERTMARK, Ronald R.; GUY-ER, Curt; TO, Kevin; REPP, Rick;

SCHNITZER, Martin; AVUTHU, Sravanthi
(74) Griffith Hack

(71) ACN 64 631 159 343 PTY LTD
(11) AU-A-2023274203
(21) 2023274203 (22) 01.12.2023
(54) Smart Home Voice Assistant Control Module for Adjustable Beds and Chairs
(51) Int. Cl.
A61G 7/018 (2006.01)
A47C 20/04 (2006.01)
A47C 31/00 (2006.01)
A61F 4/00 (2006.01)
A61G 5/10 (2006.01)
G06F 3/16 (2006.01)
G10L 15/22 (2006.01)
A61G 5/04 (2013.01)
(43) 19.06.2025
(72) Ryan Charles; Gregan McMahon
(74) ACN 64 631 159 343 PTY LTD

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A61K 31/505 (2006.01)
A61K 31/519 (2006.01)
A61P 31/04 (2006.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/198 (2006.01)
A61K 38/26 (2006.01)
A61K 38/28 (2006.01)
A61K 45/06 (2006.01)
A61K 47/02 (2006.01)
C07K 14/62 (2006.01)
A61P 3/10 (2006.01)
A61P 5/48 (2006.01)
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(72) CHAN, You-Ping
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(54) SYSTEMS AND METHODS FOR INTRAOCULAR LENS SELECTION
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A61B 3/00 (2006.01)
A61F 2/16 (2006.01)
G06N 20/00 (2019.01)
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(51) Int. Cl.
B01D 57/00 (2006.01)
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G01R 19/00 (2006.01)
H02J 3/38 (2006.01)
H03K 17/00 (2006.01)
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E05D 15/06 (2006.01)
(31) 2023903898 (32) 01.12.23 (33) AU
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(74) Dentons Patent Attorneys Australasia Limited

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C07C 55/06 (2006.01)
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C07C 309/04 (2006.01)
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(51) Int. Cl.
B63B 3/00 (2006.01)
B63B 3/14 (2006.01)
B63B 3/26 (2006.01)
B63B 3/32 (2006.01)
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B63B 3/36 (2006.01)
B63G 8/00 (2006.01)
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A63F 1/06 (2006.01)
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A63F 1/18 (2006.01)
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G07C 11/00 (2006.01)
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A61P 25/24 (2006.01)
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(51) Int. Cl.
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H02S 20/32 (2014.01)
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G01R 31/00 (2006.01)
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A61M 5/20 (2006.01)

A61M 5/315 (2006.01)

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(54) WINDOW STAY

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E05C 17/34 (2006.01)
E05D 7/04 (2006.01)
E05D 15/44 (2006.01)

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(51) Int. Cl.
E05B 15/02 (2006.01)
E05B 1/00 (2006.01)
E05B 9/00 (2006.01)
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E05B 13/00 (2006.01)

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A61K 35/768 (2015.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
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A61M 5/30 (2006.01)
A61M 5/31 (2006.01)
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(54) Bedding System, Kit and Method
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A47C 27/00 (2006.01)
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A47C 27/06 (2006.01)
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A47G 9/02 (2006.01)

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A01N 25/32 (2006.01)
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G06T 1/00 (2006.01)
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A61K 31/122 (2006.01)
A61K 9/06 (2006.01)
A61K 35/12 (2015.01)
A61K 38/00 (2006.01)
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C07K 16/28 (2006.01)
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C12M 1/06 (2006.01)
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C12N 13/00 (2006.01)
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G06T 11/06 (2006.01)
G06F 3/04845 (2022.01)
G06F 40/106 (2020.01)
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(72) Paul Li Shern Tune; Benjamin Phillip Alexander
(74) FPA Patent Attorneys Pty Ltd

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E02F 3/48 (2006.01)
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B60K 11/06 (2006.01)
B60K 11/08 (2006.01)
F28D 21/00 (2006.01)
F01P 1/00 (2006.01)
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(54) THERMAL EVENT IDENTIFICATION
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G01K 11/00 (2006.01)
H01M 10/052 (2010.01)
H01M 10/0564 (2010.01)
H01M 10/615 (2014.01)
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E05D 11/06 (2006.01)
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B01D 29/21 (2006.01)
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G06F 9/44 (2018.01)

G05D 1/221 (2024.01)

G06F 9/54 (2006.01)

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(51) Int. Cl.

G06F 16/24 (2019.01)

G06F 16/245 (2019.01)

G06Q 10/10 (2023.01)

G06Q 30/00 (2023.01)

G06Q 40/08 (2012.01)

G06Q 50/18 (2012.01)

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(51) Int. Cl.

A61K 9/107 (2006.01)

A61K 9/10 (2006.01)

A61P 27/02 (2006.01)

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(21) 2024266802 (22) 22.11.2024

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(51) Int. Cl.

B60T 17/22 (2006.01)

B60L 3/00 (2019.01)

B60T 8/32 (2006.01)

B60T 8/88 (2006.01)

B60T 13/74 (2006.01)

B60T 17/18 (2006.01)

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(54) Building security screen assembly

(51) Int. Cl.

E06B 5/11 (2006.01)

E06B 9/01 (2006.01)

E06B 9/52 (2006.01)

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G06Q 10/08 (2024.01)

G06F 3/0488 (2022.01)

G06K 19/06 (2006.01)

G09F 3/00 (2006.01)

G09F 3/20 (2006.01)

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E04F 13/072 (2006.01)

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H04R 3/00 (2006.01)

H04S 7/00 (2006.01)

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A61F 13/537 (2006.01)

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A61K 31/712 (2006.01)

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(11) AU-A-2024204653
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(54) UNIT CAPACITY PLANNING METHOD AND SYSTEM
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G06Q 10/04 (2023.01)
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G06Q 50/06 (2024.01)
H02J 3/14 (2006.01)
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- (71)** Encora, Inc.
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A61B 5/11 (2006.01)
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F16D 3/205 (2006.01)
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G16H 50/50 (2018.01)
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G06F 16/907 (2019.01)
G06Q 10/06 (2023.01)
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(11) AU-A-2024266894
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H01M 10/617 (2014.01)
H01M 10/613 (2014.01)
H01M 10/6556 (2014.01)
H05K 7/20 (2006.01)
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(54) Methods for determining selectivity of test compounds
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G01N 33/50 (2006.01)
C12N 5/077 (2010.01)
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H01J 45/00 (2006.01)
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(54) Earcup for audio communication and headset
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H04R 1/34 (2006.01)
G10L 21/0208 (2013.01)
H04R 7/00 (2006.01)
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A63C 19/10 (2006.01)
E01C 13/00 (2006.01)
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(74) Patentec Patent Attorneys
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(51) Int. Cl.
A61M 16/00 (2006.01)
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(54) DETERMINISTICALLY CONTROLLED HUMIDIFICATION SYSTEM
(51) Int. Cl.
A61M 16/16 (2006.01)
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 (54) PATIENT INTERFACES
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A61M 16/06 (2006.01)
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A61M 16/06 (2006.01)
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A61K 31/02 (2006.01)
A23K 20/105 (2016.01)
A23K 20/158 (2016.01)
A23K 50/10 (2016.01)
A61K 36/04 (2006.01)
A61K 36/31 (2006.01)
A61K 47/44 (2017.01)
A61P 1/14 (2006.01)
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A01K 1/12 (2006.01)
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 (51) Int. Cl.
A01K 31/00 (2006.01)
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A01K 89/015 (2006.01)
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B65G 49/06 (2006.01)
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C12Q 1/6886 (2018.01)
G06N 20/00 (2019.01)
G16H 50/00 (2018.01)
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F04B 39/10 (2006.01)
F04B 53/10 (2006.01)
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G01N 33/50 (2006.01)
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A61B 5/11 (2006.01)
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A61F 2/40 (2006.01)
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E21D 20/02 (2006.01)
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A61J 1/20 (2006.01)
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C12Q 1/6886 (2018.01)
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G16H 20/40 (2018.01)
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C12N 9/78 (2006.01)
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E05B 63/00 (2006.01)
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G16H 20/00 (2018.01)
G16H 10/00 (2018.01)
G16H 40/60 (2018.01)
G16H 50/20 (2018.01)
(31) 18/528,941 (32) 05.12.23 (33) US
(43) 19.06.2025
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(54) Network topology for insulin pump systems
(51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 5/172 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) Invuity, Inc.
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A61N 1/40 (2006.01)

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Taylor, Scott; Hegener, Jason
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(54) Methods of treating Crohn's disease
with anti-IL23 specific antibody
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 37/02 (2006.01)
C07K 14/54 (2006.01)
C07K 16/24 (2006.01)
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CHEN, Yang; SZAPARY, Philippe
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gestion fluidic propulsive elements
(51) Int. Cl.
B64D 33/02 (2006.01)
B64C 29/04 (2006.01)
B64C 39/12 (2006.01)
F01N 13/10 (2010.01)
F02C 6/08 (2006.01)
F02K 1/38 (2006.01)
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(72) EVULET, Andrei
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(71) K2M, Inc.
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(51) Int. Cl.
A61B 17/70 (2006.01)
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(72) Barrus, Michael; Moore, Brandon
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(54) AUTOMATED ELECTRONIC MAIL AS-
SISTANT
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G06Q 10/10 (2023.01)

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(72) Michels, Sarah
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Kellanova
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assembly and a methodology for pre-
paring a packaging assembly
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B65D 51/24 (2006.01)
B65D 51/28 (2006.01)
B65D 71/20 (2006.01)
B65D 77/04 (2006.01)
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(43) 19.06.2025
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(72) LEWANDOWSKI, Eric Patrick
(74) Davies Collison Cave Pty Ltd

(71) Kynan Duke IP, LLC
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(21) 2025203928 **(22)** 27.05.2025
(54) Substituted hydroxystilbene compounds
and derivatives synthesis and uses
thereof
(51) Int. Cl.
C07C 41/30 (2006.01)
A61P 17/00 (2006.01)
A61P 17/06 (2006.01)
A61P 35/00 (2006.01)
C07C 43/23 (2006.01)
C07C 51/367 (2006.01)
C07C 65/19 (2006.01)
C07C 201/12 (2006.01)
C07C 205/37 (2006.01)
C07C 209/68 (2006.01)
C07C 211/45 (2006.01)
C07C 227/16 (2006.01)
C07C 231/12 (2006.01)
C07C 233/25 (2006.01)
C07C 279/18 (2006.01)
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okajee; TRAN, Van Hoan
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ical Company Limited**
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l'Etude et l'Exploitation des Procédés
Georges Claude
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(54) INSTALLATION AND METHOD FOR
PRODUCING LIQUEFIED HYDROGEN
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F25J 1/02 (2006.01)
F17C 11/00 (2006.01)
(31) 2313560 **(32)** 05.12.23 **(33)** FR
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Dubettier, Richard
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(21) 2025203620 **(22)** 19.05.2025
(54) Methods and systems for generating a
sterilized human milk product
(51) Int. Cl.
A23C 9/20 (2006.01)
A23B 2/20 (2025.01)
A23B 2/40 (2025.01)
A23B 2/46 (2025.01)
A23B 11/12 (2025.01)
A23B 70/30 (2025.01)
A23L 2/38 (2021.01)
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(72) Snow, Glenn W.; Salter, Laura
(74) Pizzey's Patent and Trade Mark Attor-
neys Pty Ltd

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(21) 2025203999 **(22)** 28.05.2025
(54) USE OF NANO CARRIERS FOR DE-
LIVERY OF ACTIVE AGENTS
(51) Int. Cl.
A61K 31/4985 (2006.01)
A01N 25/28 (2006.01)
A61K 9/08 (2006.01)
A61K 9/10 (2006.01)
A61K 31/07 (2006.01)
A61K 31/375 (2006.01)
A61K 31/728 (2006.01)
A61K 36/9066 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
A61K 47/36 (2006.01)
A61K 47/44 (2017.01)
A61K 47/59 (2017.01)

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LANDA, Benzion
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versity**
(21) 2025203888

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(21) 2025203807 **(22)** 22.05.2025
(54) MATERIALS AND METHODS FOR
CELL-FREE EXPRESSION OF VAC-
CINE EPITOPE CONCATEMERS
(51) Int. Cl.
C12P 21/00 (2006.01)
C07H 21/04 (2006.01)
C12N 15/00 (2006.01)

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C12Q 1/68 (2018.01)
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(11) AU-A-2025203880
(21) 2025203880 (22) 26.05.2025
(54) Compositions and methods for treating cancer with anti-CD33 immunotherapy
(51) Int. Cl.
C07K 16/28 (2006.01)
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A61K 39/00 (2006.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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C07K 19/00 (2006.01)
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(54) Uses of melanocortin-4 receptor agonist
(51) Int. Cl.
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A61P 3/04 (2006.01)
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(51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/04 (2006.01)
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(21) 2024264748 (22) 19.11.2024
(54) Cooking appliance
(51) Int. Cl.
F24C 11/00 (2006.01)
F24C 3/00 (2006.01)
F24C 3/08 (2006.01)
(31) 10-2023-0172530 (32) 01.12.23 (33) KR
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(11) AU-A-2024266749
(21) 2024266749 (22) 20.11.2024
(54) Cooking appliance
(51) Int. Cl.
F24C 3/08 (2006.01)
F24C 3/02 (2006.01)
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(21) 2025203858 (22) 26.05.2025
(54) Holographic object relay for light field display
(51) Int. Cl.
G02B 27/01 (2006.01)
H04N 13/117 (2018.01)
H04N 13/122 (2018.01)
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(21) 2025203890 (22) 26.05.2025
(54) DETERMINING ITEMS TO PICK IN A STORAGE FACILITY
- (51) Int. Cl.
G06Q 10/08 (2024.01)
G06Q 10/087 (2023.01)
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(54) Inertial pneumatic wave energy device
(51) Int. Cl.
F03B 13/00 (2006.01)
F03B 13/16 (2006.01)
F03B 13/22 (2006.01)
H02K 7/18 (2006.01)
H02P 9/04 (2006.01)
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(72) SHELTON-COULSON, Garth Alexander; MOFFAT, Brian Lee; PLACE, Daniel William
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- (71) Lummus Technology LLC
(11) AU-A-2025203985
(21) 2025203985 (22) 28.05.2025
(54) Heat exchanger system
(51) Int. Cl.
F02C 1/04 (2006.01)
F02C 7/12 (2006.01)
F28D 7/00 (2006.01)
F28D 21/00 (2006.01)
F28F 27/00 (2006.01)
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(74) Davies Collision Cave Pty Ltd
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(11) AU-A-2025203876
(21) 2025203876 (22) 26.05.2025
(54) Multifunctional molecules that bind to T cell related cancer cells and uses thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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(51) Int. Cl.
G03B 37/02 (2021.01)
G02B 5/08 (2006.01)
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(62) 2024278096
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(11) AU-A-2025203583
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(54) DISSOLVABLE WET WIPE
(51) Int. Cl.
A47L 13/16 (2006.01)
A47L 13/18 (2006.01)
A47L 13/19 (2006.01)
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(72) MCCORMACK, Brian James
(74) AUSTRALASIA IP PTY LTD
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- (71) MedImmune Limited
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(21) 2025203947 (22) 27.05.2025
(54) Anti-PAR2 antibodies and uses thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 25/00 (2006.01)
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(11) AU-A-2025203955
(21) 2025203955 (22) 27.05.2025
(54) METHODS OF PREDICTING PRETERM BIRTH FROM PREECLAMPSIA USING METABOLIC AND PROTEIN BIOMARKERS
(51) Int. Cl.
G01N 33/68 (2006.01)
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(62) 2019218548
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(51) Int. Cl.
G06T 7/62 (2017.01)
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(11) AU-A-2025204043
(21) 2025204043 (22) 30.05.2025
(54) Methods of using a phenoxypropylamine compound to treat pain
(51) Int. Cl.
A61K 31/454 (2006.01)
A61K 9/00 (2006.01)
A61K 45/06 (2006.01)
A61P 25/00 (2006.01)
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A61P 29/00 (2006.01)
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(11) AU-A-2024266929
(21) 2024266929 (22) 27.11.2024
(54) IMPROVED PROCESS FOR THE PREPARATION OF A SPINNING SOLUTION FOR THE PRODUCTION OF ACRYLIC FIBER PRECURSORS OF CARBON FIBERS AND FOR THE PREPARATION OF THE RELATIVE CARBON FIBERS
(51) Int. Cl.
C08J 3/09 (2006.01)
C08F 20/44 (2006.01)
(31) 102023000025554 (32) 30.11.23 (33) IT
(43) 19.06.2025
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(11) AU-A-2025203885
(21) 2025203885 (22) 26.05.2025
(54) Antibody formulations
(51) Int. Cl.
A61K 9/00 (2006.01)
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A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
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(74) Spruson & Ferguson
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(11) AU-A-2024200891
(21) 2024200891 (22) 13.02.2024
(54) MULTI-HOP WIRELESS NETWORK SYSTEM, METHOD FOR MAINTAINING TREE NETWORK TOPOLOGY, AND FIRST MEMBER NODE
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- (51) Int. Cl.
H04L 45/122 (2022.01)
H04L 12/12 (2006.01)
H04L 12/28 (2006.01)
H04L 45/28 (2022.01)
H04W 40/02 (2009.01)
H04W 40/24 (2009.01)
(31) 112146521 (32) 30.11.23 (33) TW
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- (71) Moxa Inc.
(11) AU-A-2024200898
(21) 2024200898 (22) 13.02.2024
(54) METHOD FOR UPDATING NETWORK TOPOLOGY AND CONTROL NODE
(51) Int. Cl.
H04L 45/48 (2022.01)
H04L 45/02 (2022.01)
H04L 45/302 (2022.01)
H04W 40/12 (2009.01)
(31) 112146520 (32) 30.11.23 (33) TW
(43) 19.06.2025
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- (71) MTI Group Pty Ltd
(11) AU-A-2025204031
(21) 2025204031 (22) 29.05.2025
(54) Apparatus and Method for Welding Composite Thermoplastic Materials
(51) Int. Cl.
B29C 63/38 (2006.01)
B23K 11/24 (2006.01)
B29C 65/74 (2006.01)
B65B 51/10 (2006.01)
(43) 19.06.2025
(62) 2023201808
(72) Bodley, Nicolas
(74) IP Sentinels
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(21) 2023274215 (22) 02.12.2023
(54) System and Method for Creating Person and Persona Vectors Using Artificial Intelligence on a Social Media Platform
(51) Int. Cl.
G06F 18/213 (2023.01)
G06F 40/253 (2020.01)
G06F 40/30 (2020.01)
G06Q 50/00 (2012.01)
G06N 20/00 (2019.01)
(43) 19.06.2025
(72) Surya Prakash
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(11) AU-A-2023274216
(21) 2023274216 (22) 02.12.2023
(54) System and Method for Rating Leaders Using Tagged Voices on a Social Media Platform

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G06Q 10/0639 (2023.01)
G06Q 10/063 (2023.01)
G06Q 30/0203 (2023.01)
G06Q 50/00 (2012.01)
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 (11) AU-A-2023274217
 (21) 2023274217 (22) 02.12.2023
 (54) System and Method for Real-Time Leader Rating on a Social Media Platform
 (51) Int. Cl.
G06Q 50/00 (2012.01)
G06Q 10/0639 (2023.01)
 G06Q 50/26 (2012.01)
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 (72) Raina, Avi
 (74) NI KOMPANY PTY LTD

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 (11) AU-A-2023274218
 (21) 2023274218 (22) 02.12.2023
 (54) System and Method for Determining Voice Traits to Enhance User Persona on a Social Media Platform
 (51) Int. Cl.
G06F 18/213 (2023.01)
A61B 5/117 (2016.01)
A61B 5/16 (2006.01)
G06F 40/253 (2020.01)
G06F 40/30 (2020.01)
G06Q 50/00 (2012.01)
 G06N 20/00 (2019.01)
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 (72) Prakash, Surya
 (74) NI KOMPANY PTY LTD

(71) NI KOMPANY PTY LTD
 (11) AU-A-2023274219
 (21) 2023274219 (22) 02.12.2023
 (54) System and Method for Efficient Problem Resolution through FixIt Module on Social Media Platform
 (51) Int. Cl.
G06Q 50/00 (2012.01)
G07C 13/00 (2006.01)
 G06N 20/00 (2019.01)
 G06Q 50/26 (2012.01)
 (43) 19.06.2025
 (72) Pichumani, Ramia
 (74) NI KOMPANY PTY LTD

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 (11) AU-A-2023274220
 (21) 2023274220 (22) 02.12.2023
 (54) System and Method for Claiming Authenticated Leader Profiles on a Social Media Platform
 (51) Int. Cl.
G06Q 50/00 (2012.01)

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G06Q 50/00 (2012.01)
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C08J 3/05 (2006.01)
C08J 3/24 (2006.01)
C08J 5/04 (2006.01)
C08J 11/16 (2006.01)

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 (74) Dentons Patent Attorneys Australasia Limited

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 (54) Method and apparatus for manually selecting a network
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H04W 48/00 (2009.01)
H04W 48/16 (2009.01)
H04W 84/04 (2009.01)
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(71) Norton (Waterford) Limited
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 (54) Dry powder medicament inhaler

(51) Int. Cl.
A61M 15/00 (2006.01)
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 (51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
C07K 14/47 (2006.01)
C07K 14/705 (2006.01)
C12N 5/00 (2006.01)

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 (74) Davies Collison Cave Pty Ltd

(71) Nuctech Company Limited; Tsinghua University
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 (54) DATA PROCESSING METHOD FOR STATIC COMPUTED TOMOGRAPHY SCANNING AND DEVICE
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G01S 17/02 (2020.01)
G01N 23/046 (2018.01)
G01S 17/87 (2020.01)
G06T 11/00 (2006.01)
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A47B 9/20 (2006.01)
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(54) Methods Of Treating Small Cell Lung Cancer With Lurbinectedin Formulations
(51) Int. Cl.
A61K 31/4995 (2006.01)
A61P 35/00 (2006.01)
(43) 19.06.2025
(62) 2020388196
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G02B 6/00 (2006.01)
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(51) Int. Cl.
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(72) Buckland, Luke; Mullins, Paul
(74) mdp Patent and Trade Mark Attorneys

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(54) FROZEN DESSERT DISPENSING MACHINE AND CARTRIDGE
(51) Int. Cl.
A23G 9/22 (2006.01)
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(54) Utility Vehicle
(51) Int. Cl.
B62D 25/20 (2006.01)
B60P 3/40 (2006.01)
B62D 23/00 (2006.01)
B62D 33/027 (2006.01)
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A23K 10/33 (2016.01)
A23K 20/111 (2016.01)
A61K 31/192 (2006.01)
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(74) FB Rice Pty Ltd

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(54) Ion channel modulators
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A61K 31/519 (2006.01)
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(51) Int. Cl.
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(74) FPA Patent Attorneys Pty Ltd

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sembly of an Electrical Treatment Ap-
paratus
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A61N 1/36 (2006.01)
A61B 18/14 (2006.01)
A61N 1/40 (2006.01)
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A61F 2/95 (2013.01)
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A61M 39/18 (2006.01)
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(71) Research Triangle Institute
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(54) Systems, Methods And Devices For
Determining Mild Traumatic Brain Injur-
ies
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A61B 5/00 (2006.01)
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A61B 5/349 (2021.01)
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Sarah
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(54) Patient Interface
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A61M 16/06 (2006.01)
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(74) James & Wells Intellectual Property

(71) Sage Therapeutics, Inc.
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(54) Neuroactive steroids, compositions,
and uses thereof
(51) Int. Cl.
C07J 41/00 (2006.01)
A61K 31/57 (2006.01)
A61K 31/575 (2006.01)
A61P 25/18 (2006.01)
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C07J 9/00 (2006.01)
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(71) SaNOTize Research and Development
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leasing solutions
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A61M 35/00 (2006.01)
C01B 21/24 (2006.01)
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(54) POWERED OPENING MODULE FOR
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E05F 15/614 (2015.01)
E05F 3/12 (2006.01)
E05F 3/18 (2006.01)
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E05F 5/02 (2006.01)
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(74) Alder IP Pty Ltd

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(11) AU-A-2025203988
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(54) HANDLE RETENTION
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E05B 1/00 (2006.01)
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(54) PUSH-BUTTON SWITCH ASSEMBLY,
AND OPERATIONAL PART
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H01H 23/00 (2006.01)
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(72) Shan, Fuhua
(74) Madderns Pty Ltd

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(54) High power ion beam generator systems and methods
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A61B 17/22 (2006.01)

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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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B25F 1/00 (2006.01)
B25B 7/12 (2006.01)
B25B 7/22 (2006.01)
B25D 1/16 (2006.01)

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(54) Tool having pawl travel control

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C11C 3/10 (2006.01)
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(51) Int. Cl.
G01S 13/08 (2006.01)
E03F 5/02 (2006.01)
E03F 5/22 (2006.01)
G01S 7/28 (2006.01)
G01S 7/41 (2006.01)
G01S 13/20 (2006.01)
G01S 13/30 (2006.01)
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(72) Greg Hamilton; Jason Williams
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Southwest Research Institute
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C07D 213/53 (2006.01)
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) STCube & Co., Inc.
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(54) Methods of treating cancer using antibodies and molecules that immunospecifically bind to BTN1A1
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
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(51) Int. Cl.
G06F 3/0481 (2022.01)
A01K 9/00 (2006.01)
A01K 29/00 (2006.01)
G06F 3/0484 (2022.01)
G08C 17/02 (2006.01)
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(72) RETTEDAL, Nicholas P
(74) AJ PARK

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(54) Method for cell inspection, energy storage system and energy storage station
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G01R 31/392 (2019.01)
G01R 31/36 (2020.01)
H01M 10/04 (2006.01)
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(71) Suzhou Ribo Life Science Co., Ltd.
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(54) Nucleic acid, pharmaceutical composition, conjugate, preparation method, and use
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
A61P 7/00 (2006.01)
(43) 19.06.2025
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(72) ZHANG, Hongyan; GAO, Shan; KANG, Daiwu; LIU, Tao
(74) GLMR

(71) Synova Life Sciences, Inc.
(11) AU-A-2025203930
(21) 2025203930 (22) 27.05.2025
(54) Separation, dissociation and/or disaggregation of cells using shockwaves or mechanical impacts
(51) Int. Cl.
C12M 1/33 (2006.01)
C12N 5/0775 (2010.01)

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(62) 2023226696
(72) CHI, Ben-Chen; CHI, John
(74) Spruson & Ferguson

(71) Synthis Therapeutics, Inc.
(11) AU-A-2025204026
(21) 2025204026 (22) 29.05.2025
(54) ANTIBODY-ALK5 INHIBITOR CONJUGATES AND THEIR USES
(51) Int. Cl.
A61K 31/381 (2006.01)
A61K 31/40 (2006.01)
A61K 31/425 (2006.01)
A61K 38/00 (2006.01)
(43) 19.06.2025
(62) 2018431586
(72) Thomas-Karyat, Dori A.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Taiho Pharmaceutical Co., Ltd.
(11) AU-A-2025203861
(21) 2025203861 (22) 26.05.2025
(54) Cancer therapy using 3,5-disubstituted benzene alkynyl compound and immune checkpoint inhibitor
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/519 (2006.01)
A61K 45/00 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
(43) 19.06.2025
(62) 2020228514
(72) YONEKURA, Kazuhiko; HIRAI, Hiroshi; MATSUOKA, Kazuaki
(74) Griffith Hack

(71) Taiho Pharmaceutical Co., Ltd.
(11) AU-A-2025203865
(21) 2025203865 (22) 26.05.2025
(54) Cancer therapy using 3,5-disubstituted benzene alkynyl compound and pembrolizumab
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/519 (2006.01)
A61K 45/00 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
(43) 19.06.2025
(62) 2020229714
(72) YONEKURA, Kazuhiko; HIRAI, Hiroshi; MATSUOKA, Kazuaki
(74) Griffith Hack

(71) Takeda Pharmaceutical Company Limited; Kyoto University
(11) AU-A-2025202948
(21) 2025202948 (22) 28.04.2025
(54) Method for producing CD3-positive cell
(51) Int. Cl.
C12N 5/0783 (2010.01)
C07K 14/54 (2006.01)
C07K 14/74 (2006.01)
C07K 14/78 (2006.01)
C07K 16/28 (2006.01)

C07K 17/00 (2006.01)
C12N 5/074 (2010.01)
(43) 19.06.2025
(62) 2019318021
(72) KANEKO, Shin; KAWAI, Yohei; ARIMA, Suguru; TAKIGUCHI, Maiko; NAKAYAMA, Kazuhide; KASSAI, Yoshiaki; HAYASHI, Akira
(74) Griffith Hack

(71) Takeda Pharmaceutical Company Limited
(11) AU-A-2025203926
(21) 2025203926 (22) 27.05.2025
(54) TYK2 inhibitors and uses thereof
(51) Int. Cl.
A61K 31/4162 (2006.01)
A61P 37/02 (2006.01)
C07D 487/04 (2006.01)
C07D 519/00 (2006.01)
(43) 19.06.2025
(62) 2019360941
(72) MASSE, Craig E.; GREENWOOD, Jeremy Robert; MONDAL, Sayan
(74) Spruson & Ferguson

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(21) 2023274230

(71) Taylor Commercial Foodservice, LLC
(11) AU-A-2025204071
(21) 2025204071 (22) 30.05.2025
(54) Automated food management system
(51) Int. Cl.
A47J 39/00 (2006.01)
(43) 19.06.2025
(62) 2020227676
(72) MINARD, James J.; NELSON, Dennis; SANDS, Jeffrey L.; LECLERC, Scott A.; HOTALING, Bryan R.; PARKER, Spencer M.; NORRIS, Chris; PAHNKE, Carl
(74) FB Rice Pty Ltd

(71) Techtronic Cordless GP
(11) AU-A-2024267069
(21) 2024267069 (22) 29.11.2024
(54) Chainsaws And Tensioning Systems For Chainsaws
(51) Int. Cl.
B27B 17/14 (2006.01)
B27B 17/02 (2006.01)
(31) 63/605,038 (32) 01.12.23 (33) US
(43) 19.06.2025
(72) Amick Jr., Ashley Bryan; Olvera, Eduardo; Proby, Nicholas
(74) WRAYS PTY LTD

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
(11) AU-A-2025203860
(21) 2025203860 (22) 26.05.2025
(54) RENDERING OF OCCULDED AUDIO ELEMENTS
(51) Int. Cl.
H04S 7/00 (2006.01)

(43) 19.06.2025
(62) 2022256751
(72) FALK, Tommy; DE BRUIJN, Werner
(74) AJ PARK

(71) TeneoOne, Inc.
(11) AU-A-2025203751
(21) 2025203751 (22) 21.05.2025
(54) Anti-BCMA heavy chain-only antibodies
(51) Int. Cl.
C07K 16/28 (2006.01)
(43) 19.06.2025
(62) 2018288803
(72) TRINKLEIN, Nathan; ALDRED, Shelley Force; CLARKE, Starlynn; VAN SCHOOTEN, Wim
(74) Spruson & Ferguson

(71) Tesaro, Inc.
(11) AU-A-2025203823
(21) 2025203823 (22) 23.05.2025
(54) Biopharmaceutical compositions and related methods
(51) Int. Cl.
C07K 16/28 (2006.01)
(43) 19.06.2025
(62) 2020407007
(72) NEELON, Kelly; ZHANG, Mingxuan
(74) Davies Collison Cave Pty Ltd

(71) THALES; UNIVERSITE PARIS-SACLAY; Centre National de la Recherche Scientifique
(11) AU-A-2024259642
(21) 2024259642 (22) 31.10.2024
(54) Method of controlling the observation of a space using a tracking system and associated device
(51) Int. Cl.
G08G 5/00 (2006.01)
H04W 4/024 (2018.01)
H04W 4/38 (2018.01)
(31) 2311852 (32) 31.10.23 (33) FR
(43) 19.06.2025
(72) ATIENZA, Nicolas; LABREUCHE, Christophe; SEBAG, Martine; COHEN, Johanne; HONORE, Nicolas
(74) Davies Collison Cave Pty Ltd

(71) The Ageing Equation Pty Ltd
(11) AU-A-2024266941
(21) 2024266941 (22) 27.11.2024
(54) Attribute Prediction and Recommendation
(51) Int. Cl.
G06N 20/20 (2019.01)
G06N 3/084 (2023.01)
G06N 5/01 (2023.01)
G06Q 30/0283 (2023.01)
G06Q 50/163 (2024.01)
G06Q 20/22 (2012.01)
G06V 10/44 (2022.01)
(31) 2023903889 (32) 01.12.23 (33) AU
(43) 19.06.2025
(72) ALI, Safdar
(74) JMDS IP Pty Ltd

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(71) THE CHEMOURS COMPANY FC, LLC
(11) AU-A-2025203396
(21) 2025203396 (22) 12.05.2025
(54) ARCHITECTURE FOR AUTOMATED VEHICLE DIAGNOSTICS RELATING TO A THERMAL SYSTEM OF A VEHICLE
(51) Int. Cl.
G06Q 10/20 (2023.01)
B60H 1/00 (2006.01)
F25B 45/00 (2006.01)
G07C 5/08 (2006.01)
(43) 19.06.2025
(62) 2023397186
(72) HERMENS, Thomas Jean Albert Martin; BALLUKU, Rejdi
(74) Houlihan Intellectual Property Pty Ltd

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(21) 2025203159

(71) The Johns Hopkins University
(11) AU-A-2025204058
(21) 2025204058 (22) 30.05.2025
(54) Marker For Identifying A Surgical Cavity
(51) Int. Cl.
A61B 6/02 (2006.01)
A61B 34/20 (2016.01)
(43) 19.06.2025
(62) 2019385335
(72) HABIBI, Mehran; SHIR, Farhad
(74) WRAYS PTY LTD

(71) The Trustees of the University of Pennsylvania
(11) AU-A-2025203998
(21) 2025203998 (22) 28.05.2025
(54) Nucleoside-modified RNA for inducing an immune response against Zika virus
(51) Int. Cl.
A61K 39/12 (2006.01)
A61K 39/00 (2006.01)
(43) 19.06.2025
(62) 2018207408
(72) Weissman, Drew; Pardi, Norbert; Hogan, Michael
(74) FB Rice Pty Ltd

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(21) 2025204038

The U.S.A., as represented by the secret-ary Department of Health and Human Ser- vices see Lentigen Technology, Inc.
(21) 2025203880

(71) The United States of America, as rep- resented by the Secretary, Department of Health and Human Services; Uni- versity of Kansas; Northwestern Uni- versity
(11) AU-A-2025203402
(21) 2025203402 (22) 12.05.2025

(54) Formulations and methods for the pre- vention and treatment of tumor meta- stasis and tumorigenesis
(51) Int. Cl.
A61K 9/107 (2006.01)
A61K 31/519 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/14 (2017.01)
A61K 47/34 (2017.01)
A61P 35/00 (2006.01)
C12Q 1/6886 (2018.01)
G01N 33/574 (2006.01)
(43) 19.06.2025
(62) 2019271208
(72) RUDLOFF, Udo; KOZLOV, Serguei; MARUGAN, Juan Jose; HUANG, Sui; PATNAIK, Samarjit; BRAISTED, John C; SOUTHALL, Noel T; FERRER, Marc; DEXTRAS, Christopher; HASLAM, John; BALTEZOR, Michael
(74) Spruson & Ferguson

(71) The University of Western Australia; Research Institute at Nationwide Children's Hospital
(11) AU-A-2025202945
(21) 2025202945 (22) 28.04.2025
(54) Methods And Materials For Activat- ing An Internal Ribosome Entry Site In Exon 5 Of The DMD Gene
(51) Int. Cl.
C12N 15/66 (2006.01)
A61K 31/7088 (2006.01)
A61P 21/00 (2006.01)
C07H 21/02 (2006.01)
C07H 21/04 (2006.01)
C12N 15/63 (2006.01)
(43) 19.06.2025
(62) 2022200936
(72) FLANIGAN, Kevin; WEIN, Nicolas; WILTON, Stephen Donald
(74) WRAYS PTY LTD

(71) Thomas Jefferson University; Imvax, Inc.; Laurenzi, B.
(11) AU-A-2025203888
(21) 2025203888 (22) 26.05.2025
(54) Biodiffusion chamber
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 35/13 (2015.01)
A61K 39/00 (2006.01)
(43) 19.06.2025
(62) 2019212356
(72) LAURENZI, Brendan; ANDREWS, Dav- id; HITCHINGS, William; VENTURA, Dominic; PIGOTT, Kara; HOOPER, Douglas Craig
(74) Spruson & Ferguson

(71) TIPS! Holding Pty Ltd
(11) AU-A-2024267014
(21) 2024267014 (22) 28.11.2024
(54) A System For Managing and Effecting Multi-Party Payments
(51) Int. Cl.
G06Q 20/02 (2012.01)
G06Q 20/22 (2012.01)

G06Q 20/34 (2012.01)
G06Q 40/00 (2023.01)
G06Q 50/12 (2012.01)
(31) 2023903881 (32) 01.12.23 (33) AU
(43) 19.06.2025
(72) Whybrow, Steven
(74) JMSP IP Pty Ltd

(71) Transportation IP Holdings, LLC
(11) AU-A-2024278150
(21) 2024278150 (22) 05.12.2024
(54) VEHICLE CONTROL SYSTEM
(51) Int. Cl.
B61L 27/20 (2022.01)
B61L 15/00 (2006.01)
B61L 25/02 (2006.01)
B61L 27/40 (2022.01)
G01C 21/12 (2006.01)
G01C 21/16 (2006.01)
G05D 1/24 (2024.01)
G05D 1/248 (2024.01)
G05D 1/43 (2024.01)
G05D 1/69 (2024.01)
(31) 18/529,993 (32) 05.12.23 (33) US
(43) 19.06.2025
(72) VRBA, Matthew
(74) K&L Gates

(71) Trina Solar Co., Ltd
(11) AU-A-2024219512
(21) 2024219512 (22) 09.09.2024
(54) Hybrid heterojunction solar cell, cell component and preparation method
(51) Int. Cl.
H10F 10/166 (2025.01)
H10F 71/10 (2025.01)
H10F 77/20 (2025.01)
H10F 77/30 (2025.01)
(31) 202311645077.X (32) 04.12.23 (33) CN
(43) 19.06.2025
(72) LIU, Wei; HU, Yunyun; CHEN, Daming; WU, Kuiyi
(74) Davies Collison Cave Pty Ltd

(71) TRINA SOLAR CO., LTD.
(11) AU-A-2025204223
(21) 2025204223 (22) 05.06.2025
(54) Solar cell, photovoltaic device, and photovoltaic system
(51) Int. Cl.
H10F 77/30 (2025.01)
H10F 10/00 (2025.01)
(43) 19.06.2025
(62) 2023254962
(72) LIU, Chengfa; ZHANG, Shuai; CHEN, Hong; LU, Yugang; LI, Wanli; ZOU, Yang
(74) Griffith Hack

(71) Truphone Limited
(11) AU-A-2025203977
(21) 2025203977 (22) 28.05.2025
(54) Telecommunications Directory Services
(51) Int. Cl.
H04L 29/06 (2006.01)
G06Q 50/00 (2024.01)
H04L 29/12 (2006.01)

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(72) Faulkner, Robert; Tagg, James; Linford, Adam
(74) Chrysiliou IP

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(21) 2024278149

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(21) 2024259642

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

(71) US Metals Refining Group, Inc.
(11) AU-A-2025203933
(21) 2025203933 (22) 27.05.2025
(54) 'Method and Apparatus for Minerals and Water Separation'
(51) Int. Cl.
C02F 1/44 (2023.01)
B01D 61/36 (2006.01)
C02F 103/08 (2006.01)
(43) 19.06.2025
(62) 2019325562
(72) KASAINI, Henry W.
(74) Flinders Lane IP

(71) Vertex Pharmaceuticals Incorporated
(11) AU-A-2025203866
(21) 2025203866 (22) 26.05.2025
(54) Macroencapsulation devices
(51) Int. Cl.
A61F 2/02 (2006.01)
(43) 19.06.2025
(62) 2020252381
(72) THANOS, Christopher; LAVIN, Danya M.; MILLS, John; BILLINGS, Megan
(74) Davies Collison Cave Pty Ltd

(71) Volvo Autonomous Solutions AB
(11) AU-A-2024222212
(21) 2024222212 (22) 30.09.2024
(54) Adjusting operating parameters of vehicles
(51) Int. Cl.
G05D 1/43 (2024.01)
B60W 60/00 (2020.01)
G01C 21/34 (2006.01)
G05D 1/60 (2024.01)
G05D 1/69 (2024.01)
(31) 23213607.7 (32) 01.12.23 (33) EP
(43) 19.06.2025
(72) HELFRICH, Thorsten; MARKUSSON, Christoffer; NILSSON, Peter
(74) Griffith Hack

(71) Volvo Autonomous Solutions AB
(11) AU-A-2024227713

(21) 2024227713 (22) 29.10.2024
(54) Determining a lens coverage condition of a light-based scanning device arranged in a vehicle
(51) Int. Cl.
G06V 20/56 (2022.01)
B60W 50/02 (2012.01)
B60W 60/00 (2020.01)
G07C 5/00 (2006.01)
G07C 7/00 (2006.01)
(31) 23213580.6 (32) 01.12.23 (33) EP
(43) 19.06.2025
(72) GUSTAVSSON, Viktor
(74) Griffith Hack

(71) WARWICK JAMES ALLEN
(11) AU-A-2025204052
(21) 2025204052 (22) 30.05.2025
(54) TILED FLOOR ASSEMBLY AND COMPONENTS
(51) Int. Cl.
E04F 15/024 (2006.01)
(43) 19.06.2025
(62) 2023201886
(72) ALLEN, Warwick James
(74) AJ PARK

(71) West Pharma. Services IL, Ltd.
(11) AU-A-2025203862
(21) 2025203862 (22) 26.05.2025
(54) LIQUID TRANSFER DEVICE WITH DUAL LUMEN IV SPIKE
(51) Int. Cl.
A61J 1/20 (2006.01)
A61M 5/162 (2006.01)
(43) 19.06.2025
(62) 2023248131
(72) BAR-EL, Yossi; FABRIKANT, Elisheva; BEN SHALOM, Niv
(74) RnB IP Pty Ltd

(71) Wonderland Switzerland AG
(11) AU-A-2024267056
(21) 2024267056 (22) 29.11.2024
(54) Seat cushion structure and child safety seat
(51) Int. Cl.
B60N 2/28 (2006.01)
A47C 7/02 (2006.01)
(31) 2023116498637 (32) 01.12.23 (33) CN
2023118700981 29.12.23 CN
(43) 19.06.2025
(72) ZHANG, Daliang; LI, Ruyi
(74) Allens Patent & Trade Mark Attorneys

(71) Xeris Pharmaceuticals, Inc.
(11) AU-A-2025203770
(21) 2025203770 (22) 21.05.2025
(54) Stable therapeutic compositions in aprotic polar solvents and methods of manufacturing the same
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 38/26 (2006.01)
A61K 47/02 (2006.01)
A61K 47/20 (2006.01)

A61P 3/10 (2006.01)
(43) 19.06.2025
(62) 2020284104
(72) DONOVAN, Martin; HU, Wendy
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) XII Medical, Inc.; The Cleveland Clinic Foundation
(11) AU-A-2025203159
(21) 2025203159 (22) 05.05.2025
(54) SYSTEMS AND METHODS TO IMPROVE SLEEP DISORDERED BREATHING USING CLOSED-LOOP FEEDBACK
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/394 (2021.01)
A61N 1/372 (2006.01)
(43) 19.06.2025
(62) 2020266685
(72) CAPARSO, Anthony V.; NICKOLS, Josh; PAPAY, Francis A.; EMERTON, Kelly
(74) RnB IP Pty Ltd

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(11) AU-A-2025203889
(21) 2025203889 (22) 26.05.2025
(54) SOLAR CELL, METHOD FOR MANUFACTURING SOLAR CELL, AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H10F 19/00 (2025.01)
H10F 77/10 (2025.01)
H10F 77/20 (2025.01)
(43) 19.06.2025
(62) 2023206210
(72) JIN, Jingsheng; ZHANG, Bike; ZHANG, Xinyu
(74) Madderns Pty Ltd

(71) Zimmer US, Inc.
(11) AU-A-2025203924
(21) 2025203924 (22) 27.05.2025
(54) AUGMENTED REALITY PATIENT ASSESSMENT MODULE
(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/11 (2006.01)
A61B 34/10 (2016.01)
A61B 90/00 (2016.01)
G16H 20/30 (2018.01)
(43) 19.06.2025
(62) 2022266781
(72) Spooner, Ted; Van Andel, Dave; Pinheiro, Paulo Alexandre da Torre; Borektsioglou, Ioannis
(74) PHILLIPS ORMONDE FITZPATRICK

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2024266890	Finlan, E.; Luxford, A.	2025203887	Deutsches Krebsforschungszentrum
2024266893	Crimsafe Security Systems Pty Ltd	2025203888	Thomas Jefferson University; Imvax, Inc.; Laurenzi, B.
2024266894	Eve Energy Storage Co., Ltd	2025203889	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2024266925	Howmedica Osteonics Corp.	2025203890	LINEAGE LOGISTICS, LLC
2024266929	MONTEFIBRE MAE TECHNOLOGIES S.R.L.	2025203909	Insulet Corporation
2024266941	The Ageing Equation Pty Ltd	2025203911	Nokia Technologies Oy
2024267014	TIPSI Holding Pty Ltd	2025203915	LG Chem, Ltd.
2024267018	Apex Valves Limited	2025203917	FISHER & PAYKEL HEALTHCARE LIMITED
2024267027	Altro Building Systems Pty Ltd	2025203919	ST REPRODUCTIVE TECHNOLOGIES, LLC
2024267046	Snap-on Incorporated	2025203921	K2M, Inc.
2024267056	Wonderland Switzerland AG	2025203924	Zimmer US, Inc.
2024267061	PANATEXS CO., LTD.	2025203925	FutureFeed Pty Ltd
2024267069	Techtronic Cordless GP	2025203926	Takeda Pharmaceutical Company Limited
2024278093	FalCom A/S	2025203927	Angel Group Co., Ltd.
2024278121	Habitat Innovation and Management Pty Ltd	2025203928	Kynan Duke IP, LLC
2024278149	Nuctech Company Limited; Tsinghua University	2025203930	Synova Life Sciences, Inc.
2024278150	Transportation IP Holdings, LLC	2025203931	ARCHER AVIATION, INC.
2024278590	NILO LIMITED	2025203933	US Metals Refining Group, Inc.
2025202230	Immunomedics, Inc.	2025203934	Angel Group Co., Ltd.
2025202283	Bristol-Myers Squibb Company	2025203937	Bedgear, LLC
2025202702	STCube & Co., Inc.		

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2025203938	BPGbio, Inc.	2025204043	Minerva Neurosciences, Inc.
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2025203941	Pharma Mar, S.A.	2025204048	Aristocrat Technologies Australia Pty Limited
2025203942	APPLE INC.	2025204049	Beta Biofuel Solutions, LLC
2025203943	Polaris Industries Inc.	2025204051	GMDx Co Pty Ltd
2025203944	SaNOTize Research and Development Corp.	2025204052	WARWICK JAMES ALLEN
2025203946	Bayer Healthcare LLC	2025204054	Janssen Biotech, Inc.
2025203947	MedImmune Limited	2025204055	Fisher & Paykel Healthcare Limited
2025203948	Adocia	2025204057	Encora, Inc.
2025203950	Pharma Mar, S.A.	2025204058	The Johns Hopkins University
2025203951	Suzhou Ribo Life Science Co., Ltd.	2025204063	Imtmedical AG
2025203952	Matterport, Inc.	2025204064	Société des Produits Nestlé S.A.
2025203954	Pharma Mar, S.A.	2025204066	Lone Gull Holdings, Ltd.
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2025203956	HYPERTUNNEL IP LIMITED	2025204070	Alcon Inc.
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2025203958	Breville Pty Limited	2025204080	Angel Group Co., Ltd.
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2025203970	CATERPILLAR INC.		
2025203973	Institute for Basic Science		
2025203974	Ascendis Pharma A/S		
2025203976	ARRAY TECHNOLOGIES, INC.		
2025203977	Truphone Limited		
2025203978	ASSA ABLOY New Zealand Limited		
2025203980	ICU Medical, Inc.		
2025203981	Aristocrat Technologies Australia Pty Limited		
2025203984	ASSA ABLOY New Zealand Limited		
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2025203986	Norton (Waterford) Limited		
2025203987	PULSE BIOSCIENCES, INC.		
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2025203990	Schlage Lock Company LLC		
2025203991	ReFlow Medical, Inc.		
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2025203997	Invuity, Inc.		
2025203998	The Trustees of the University of Pennsylvania		
2025203999	LANDA LABS (2012) LTD.		
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2025204004	Kellanova		
2025204005	Lentigen Technology, Inc.		
2025204007	Hemosonics, LLC		
2025204008	FISHER & PAYKEL HEALTHCARE LIMITED		
2025204009	AbbVie Inc.		
2025204010	BÜHLER AG		
2025204012	FISHER & PAYKEL HEALTHCARE LIMITED		
2025204013	RESMED PTY LTD		
2025204014	Amgen Inc.; Cytokinetics, Inc.		
2025204015	ACCESS CLOSURE, INC.		
2025204017	IGT		
2025204018	Dolby Laboratories Licensing Corporation; Dolby International AB		
2025204019	Polar Delight Inc.		
2025204020	Piscitelli, M.		
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2025204023	Howmedica Osteonics Corp.		
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2025204026	Synthis Therapeutics, Inc.		
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2025204028	Essilor International		
2025204029	Globeride, Inc.		
2025204031	MTI Group Pty Ltd		
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2025204038	Novartis AG; The Trustees of the University of Pennsylvania		
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. (**) Title not given

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(54) AN AIR VENT

(51) Int. Cl.

B60H 1/26 (2006.01)

(45) 19.06.2025

(62) 2020204122

(72) Voss, Michael

(74) K&L Gates

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 (54) SYSTEMS AND METHODS FOR MIN-
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A61B 6/50 (2024.01)
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A61K 31/713 (2006.01)
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B07B 1/00 (2006.01)
C02F 1/66 (2023.01)
C22B 3/06 (2006.01)
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E02D 27/42 (2006.01)
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A61P 35/00 (2006.01)
C07K 14/55 (2006.01)
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A61K 31/513 (2006.01)
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A61P 15/00 (2006.01)
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H04L 9/00 (2022.01)
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G01R 31/36 (2020.01)
H02J 9/06 (2006.01)
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H02N 2/18 (2006.01)
F42C 11/00 (2006.01)
F42C 11/02 (2006.01)
H10N 30/30 (2023.01)
H02N 2/04 (2006.01)
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(54) SWITCH, ELECTRONIC SAFE AND ARM UNIT, FUZE SYSTEM, MUNITION, AND METHOD
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F42C 15/24 (2006.01)
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E21B 33/12 (2006.01)
E21B 23/06 (2006.01)
E21B 33/128 (2006.01)
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B01J 20/16 (2006.01)
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C08G 63/664 (2006.01)
C08G 63/91 (2006.01)
C08L 51/08 (2006.01)
C11D 3/37 (2006.01)
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B65B 25/00 (2006.01)
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C12N 9/22 (2006.01)
C07K 19/00 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
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C12Q 1/02 (2006.01)
A61P 31/04 (2006.01)
C12Q 1/18 (2006.01)
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G05D 1/43 (2024.01)
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A61K 36/605 (2006.01)
A61K 31/445 (2006.01)
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A47C 20/00 (2006.01)
A61F 5/01 (2006.01)
A61G 7/075 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C12N 1/19 (2006.01)
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D01G 21/00 (2006.01)
B01F 27/701 (2022.01)
B01F 29/60 (2022.01)
B29B 17/02 (2006.01)
C08J 11/06 (2006.01)
D01F 13/02 (2006.01)
D01F 13/04 (2006.01)
D01G 5/00 (2006.01)
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A61P 31/14 (2006.01)
C07K 14/08 (2006.01)
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C07K 14/54 (2006.01)
C07K 16/00 (2006.01)
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C07K 14/50 (2006.01)
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B60G 13/08 (2006.01)
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H02J 7/00 (2006.01)
B60L 53/18 (2019.01)
H01H 47/00 (2006.01)
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(54) SOIL OPENER
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A01C 5/06 (2006.01)
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FOR WELL ABANDONMENT
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E21B 29/00 (2006.01)
E21B 19/16 (2006.01)
E21B 33/13 (2006.01)
(87) WO2024/112200
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(43) 30.05.2024
(72) VEENSTRA, Feitze
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(54) REMOVING A WELLHEAD SYSTEM
FROM A WELL
(51) Int. Cl.
E21B 33/02 (2006.01)
E21B 19/00 (2006.01)
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(54) MODULATION OF SYNGAP1 GENE
TRANSCRIPTION USING ANTISENSE
OLIGONUCLEOTIDES TARGETING
REGULATORY RNAs
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61P 25/00 (2006.01)
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RAMASWAMI, Gokul; SATHE, Preeti

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BUMCROT, David A.
(74) Pizzseys Patent and Trade Mark Attor-
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(54) TARGETED PROTEIN DEGRADATION
USING BIFUNCTIONAL COMPOUNDS
THAT BIND UBIQUITIN LIGASE AND
TARGET MCL-1 PROTEIN
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4035 (2006.01)
A61P 35/00 (2006.01)
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masz; TRACZ, Andrzej; WALCZAK,
Michał Jerzy; WÓJCIK, Karolina
(74) Madderns Pty Ltd

(71) CAPTOR THERAPEUTICS S.A.
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(54) TARGETED PROTEIN DEGRADATION
USING PRODRUGS OF BIFUNCTION-
AL COMPOUNDS THAT BIND UBI-
QUITIN LIGASE AND TARGET MCL-1
PROTEIN
(51) Int. Cl.
C07D 401/14 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
(87) WO2024/121259
(31) PCT/ (32) 06.12.22 (33) PL
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(72) COTTENS, Sylvain; TRACZ, Andrzej;
WALCZAK, Michał Jerzy; WÓJCIK, Ka-
rolina
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(71) CAREDX, INC.
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TRIBUTOR-DERIVED NUCLEIC
ACIDS OF A MIXED SAMPLE (3+
GENETICALLY DISTINCT GENOM-
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PLANT RECIPIENT
(51) Int. Cl.
G16B 20/20 (2019.01)
C12Q 1/6827 (2018.01)
G16B 40/30 (2019.01)
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A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
C07K 16/30 (2006.01)
C12N 5/0783 (2010.01)
C12Q 1/6886 (2018.01)
G01N 33/574 (2006.01)
G01N 33/68 (2006.01)
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Kanchana, Veronika; BARRY, Simon,
Charles; SADLON, Timothy, John
(74) PHILLIPS ORMONDE FITZPATRICK

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(54) RETAINER FOR PINS TO SUPPORT
AXLES UNDER CHASSIS OF WORK
MACHINES
(51) Int. Cl.
B60G 7/00 (2006.01)
B60G 9/02 (2006.01)
F16B 21/16 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) SYSTEMS AND METHODS FOR
IDENTIFYING AND LOCATING MISS-
ING OR DAMAGED GROUND-ENGA-
GING TOOLS
(51) Int. Cl.
E02F 9/26 (2006.01)
B64C 39/02 (2023.01)
E02F 9/20 (2006.01)
G05D 1/20 (2024.01)
B64U 101/00 (2023.01)
B64U 101/30 (2023.01)
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(51) Int. Cl.
A61K 35/51 (2015.01)
A61K 9/08 (2006.01)
A61P 17/02 (2006.01)
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A61K 39/00 (2006.01)
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A61P 31/16 (2006.01)
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H04L 9/06 (2006.01)
G06F 21/60 (2013.01)
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C07K 5/062 (2006.01)
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C07D 207/02 (2006.01)
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(74) Minter Ellison
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B60W 20/15 (2016.01)
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D06F 39/00 (2024.01)
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(51) Int. Cl.
A61K 31/522 (2006.01)
A23K 20/137 (2016.01)
A23L 33/10 (2016.01)
A61P 31/12 (2006.01)
A61P 37/00 (2006.01)
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C12N 1/20 (2006.01)
C12N 15/01 (2006.01)
C12P 19/32 (2006.01)
C12R 1/15 (2006.01)
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A61K 8/22 (2006.01)
A61K 8/24 (2006.01)
A61K 8/34 (2006.01)
A61K 8/81 (2006.01)
A61Q 11/00 (2006.01)
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B01D 53/14 (2006.01)
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(54) APPARATUS AND METHOD FOR SIM-
ULTANEOUSLY CLEARING AND IN-
STALLING DATA ON A PLURALITY OF
COMPUTING DEVICES
(51) Int. Cl.
G06F 11/26 (2006.01)
G06F 8/654 (2018.01)
G06F 11/36 (2006.01)
G06Q 10/20 (2023.01)
G06Q 10/30 (2023.01)
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(54) APPARATUS AND METHOD FOR
TESTING A PLURALITY OF COMPUT-
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G06Q 10/20 (2023.01)
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INSUFFICIENCY AND METHOD OF
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A61F 2/24 (2006.01)
A61B 17/12 (2006.01)
A61M 25/10 (2013.01)
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INC.
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(54) CRYSTALLINE MELANOCORTIN SUB-
TYPE-2 RECEPTOR (MC2R) ANTAG-
ONIST
(51) Int. Cl.
C07D 453/02 (2006.01)
A61K 31/496 (2006.01)
A61P 5/00 (2006.01)
C07B 63/00 (2006.01)
C07C 59/50 (2006.01)
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THERAPEUTICS AND USES THERE-
OF
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C07K 5/02 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/4468 (2006.01)
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A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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C07H 15/203 (2006.01)
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A01N 43/78 (2006.01)
A01N 25/04 (2006.01)
A01N 37/50 (2006.01)
A01N 43/54 (2006.01)
A01N 43/653 (2006.01)
A01N 47/22 (2006.01)
A01P 3/00 (2006.01)
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Robert Michael
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(51) Int. Cl.
A01N 25/30 (2006.01)
A01N 37/50 (2006.01)
A01N 43/40 (2006.01)
A01N 51/00 (2006.01)
A01P 3/00 (2006.01)
A01P 7/04 (2006.01)
A01P 13/00 (2006.01)
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(54) TAMPER RESISTANT CONNECTOR
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H01R 13/639 (2006.01)
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(51) Int. Cl.
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B42D 25/351 (2014.01)
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(54) SEAMLESS AND CONTINUOUS AUTHENTICATION OF PATIENTS
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G06F 21/31 (2013.01)
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H04L 9/40 (2022.01)
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C12Q 1/6876 (2018.01)
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C08L 67/04 (2006.01)
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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G01R 31/371 (2019.01)
B60L 58/18 (2019.01)
G01R 31/382 (2019.01)
G01R 31/392 (2019.01)
G01R 31/396 (2019.01)
H01M 10/48 (2006.01)
H02J 7/00 (2006.01)
H04W 84/18 (2009.01)
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G06F 16/242 (2019.01)
G06F 16/903 (2019.01)
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C07K 5/09 (2006.01)
A61K 8/64 (2006.01)
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(21) 2023417789 (22) 27.12.2023
(54) ANTI-B7H3 AND PD-L1 BISPECIFIC ANTIBODY-DRUG CONJUGATE,

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AND USE THEREOF
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 31/4745 (2006.01)
A61P 35/00 (2006.01)
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MATHER, Jessica; TAYLOR, James
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E04C 2/284 (2006.01)
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C12N 15/88 (2006.01)
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MADABADI, Hossein
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TRIEU, V.
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FOR CNS DISEASES
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(54) ANTI-CANCER AGENTS
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A61K 39/00 (2006.01)
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A61K 31/506 (2006.01)
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Dominik
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INC.
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MACHINE
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E02F 9/22 (2006.01)
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C25B 9/73 (2021.01)
C25B 15/00 (2006.01)
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B32B 27/08 (2006.01)
B32B 27/20 (2006.01)
B32B 27/30 (2006.01)
B32B 27/32 (2006.01)
C08K 3/04 (2006.01)
C08L 23/06 (2006.01)
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A61K 31/444 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 471/04 (2006.01)
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B65G 53/66 (2006.01)
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A01K 11/00 (2006.01)
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A01K 29/00 (2006.01)
G06Q 10/063 (2023.01)
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G16Y 10/05 (2020.01)

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B01D 53/62 (2006.01)
B01J 13/00 (2006.01)
C01F 7/00 (2022.01)
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H01B 13/016 (2006.01)
H01B 7/42 (2006.01)
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METHOD TO THIS END
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A61B 90/00 (2016.01)
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G03B 11/00 (2021.01)
G16H 40/40 (2018.01)
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A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
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F16G 15/06 (2006.01)
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B22F 1/00 (2022.01)
B22F 1/12 (2022.01)
C09K 3/00 (2006.01)
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C12N 15/13 (2006.01)
C12P 21/08 (2006.01)
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A47L 7/00 (2006.01)
A47L 9/14 (2006.01)
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H01M 50/383 (2021.01)
A62C 3/07 (2006.01)
H01M 10/48 (2006.01)
H01M 50/204 (2021.01)
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G05D 23/19 (2006.01)
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B23D 45/02 (2006.01)
B23D 47/12 (2006.01)
B23D 59/00 (2006.01)
B27B 5/22 (2006.01)
B27B 5/38 (2006.01)
F16D 59/02 (2006.01)
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G06V 10/56 (2022.01)
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C07K 1/107 (2006.01)
A61K 38/20 (2006.01)
A61K 47/60 (2017.01)
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C12C 5/02 (2006.01)
C12G 3/04 (2019.01)
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(54) SYSTEMS AND METHODS FOR GENERATING A TRAINING SET FOR A NEURAL NETWORK CONFIGURED TO GENERATE CANDIDATE TRAJECTORIES FOR AN AUTONOMOUS VEHICLE
(51) Int. Cl.
G06V 10/25 (2022.01)

G06V 20/58 (2022.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2023377355 (22) 10.11.2023
(54) EDIBLE BEADS COMPRISING COFFEE
(51) Int. Cl.
A23L 27/00 (2016.01)
A23F 5/12 (2006.01)
A23L 2/395 (2006.01)
A23L 29/256 (2016.01)
A23L 29/269 (2016.01)
A23L 33/21 (2016.01)
A23P 30/00 (2016.01)
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(31) 2216874.4 (32) 11.11.22 (33) GB
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) EDIBLE BEADS COMPRISING A TEA EXTRACT
(51) Int. Cl.
A23F 3/16 (2006.01)
A23F 3/30 (2006.01)
A23L 2/395 (2006.01)
A23L 29/256 (2016.01)
A23L 29/269 (2016.01)
A23L 33/21 (2016.01)
A23P 10/30 (2016.01)
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A23C 11/04 (2006.01)
A23C 11/10 (2021.01)
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A23P 10/30 (2016.01)
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G01N 11/12 (2006.01)
A01J 5/013 (2006.01)

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(54) THYROID HORMONE β RECEPTOR AGONIST, CRYSTAL FORM, PREPARATION METHOD AND USE

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C07D 471/04 (2006.01)
A61K 31/53 (2006.01)

A61P 1/16 (2006.01)

A61P 3/04 (2006.01)

A61P 3/06 (2006.01)

A61P 3/10 (2006.01)

A61P 5/14 (2006.01)

A61P 9/00 (2006.01)

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H04W 40/00 (2009.01)
H04L 41/0894 (2022.01)

H04W 36/00 (2009.01)

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(72) KARAMPATIS, Dimitrios; ATARIUS, Roozbeh; VELEV, Genadi

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B60R 16/033 (2006.01)

G01R 31/367 (2019.01)

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H02J 7/00 (2006.01)

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B65D 21/08 (2006.01)

B65D 53/02 (2006.01)

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A61C 7/00 (2006.01)
A61C 13/00 (2006.01)

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A01N 63/38 (2020.01)
C05F 11/08 (2006.01)

C12N 1/15 (2006.01)

C12Q 1/6869 (2018.01)

G01N 33/24 (2006.01)

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A01N 25/00 (2006.01)
A01N 63/20 (2020.01)

A01N 63/30 (2020.01)

C12N 1/14 (2006.01)

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B01J 2/28 (2006.01)
B01J 2/06 (2006.01)

C12P 19/44 (2006.01)

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B63H 1/02 (2006.01)
B63B 22/00 (2006.01)

B63B 35/44 (2006.01)

F03B 13/14 (2006.01)

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(72) FILIP, Grzegorz; BEEKSMA, Bradley

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(72) LAWLESS, Stephen Blaise; MILLER, Jacob Douglas					
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd					
(71) LOVEVERY, INC.		(71) MALCORP BIODISCOVERIES LIMITED			(71) MATERIALISE NV; FLUIDDA NV
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A63H 33/30 (2006.01)		A61K 38/00 (2006.01)			(87) WO2024/118328
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A61K 9/00 (2006.01)		(54) SUBREGION TRANSFORMATION FOR LABEL DECODING BY AN AUTOMATED CHECKOUT SYSTEM			C07D 417/10 (2006.01)
A61K 9/08 (2006.01)		(51) Int. Cl.			A61K 31/437 (2006.01)
A61K 38/17 (2006.01)		G06K 7/10 (2006.01)			A61P 35/00 (2006.01)
A61K 47/18 (2017.01)		G06V 10/46 (2022.01)			C07D 417/14 (2006.01)
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(54) SPINAL STABILITY SYSTEM		(54) SPINAL STABILITY SYSTEM			
(51) Int. Cl.		(51) Int. Cl.			
A61B 17/70 (2006.01)		A61B 17/70 (2006.01)			
A61B 17/86 (2006.01)		A61B 17/86 (2006.01)			
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A61P 37/00 (2006.01)
G01N 33/564 (2006.01)
G01N 33/68 (2006.01)
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A61K 31/519 (2006.01)
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C07K 16/28 (2006.01)
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G08G 1/14 (2006.01)
G06V 20/62 (2022.01)
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(54) METHODS AND AGENTS FOR
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(51) Int. Cl. **A61K 9/51** (2006.01)
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C12N 15/113 (2010.01)
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A23B 2/20 (2025.01)
B65D 77/22 (2006.01)
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F04D 29/70 (2006.01)
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(72) SVENSSON HENRIKSSON, Anette;
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(74) FPA Patent Attorneys Pty Ltd
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- (71) MONASH UNIVERSITY
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B01L 3/00 (2006.01)
C12M 1/00 (2006.01)
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TANANIAN, Mohammad, Hossein; DE
MARCO, Alex; GORELICK, Sergey
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(74) Allens Patent & Trade Mark Attorneys

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C10G 25/00 (2006.01)
C10G 31/06 (2006.01)
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C10G 47/14 (2006.01)
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C12N 1/12 (2006.01)
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C02F 3/30 (2023.01)
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C12M 1/00 (2006.01)
C12M 3/00 (2006.01)
C12N 1/12 (2006.01)
C12P 7/6463 (2022.01)
C12P 21/00 (2006.01)
C12P 23/00 (2006.01)
C12P 39/00 (2006.01)
C02F 1/00 (2023.01)
C02F 1/24 (2023.01)
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C12N 15/82 (2006.01)
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A01H 5/08 (2018.01)
A01H 6/34 (2018.01)
C07K 14/415 (2006.01)
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C12Q 1/6895 (2018.01)
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B23D 57/02 (2006.01)
B28D 1/08 (2006.01)
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G06T 17/10 (2006.01)
E21C 37/16 (2006.01)
E21C 41/00 (2006.01)
G06T 15/10 (2011.01)
G06T 19/00 (2011.01)
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H04N 19/70 (2014.01)
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(72) ASTIER, Yann; TOPOLANCIK, Juraj
(74) Griffith Hack
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B65D 50/04 (2006.01)
A61J 1/03 (2023.01)
B65D 43/02 (2006.01)
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A61K 31/454 (2006.01)
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A61K 31/5386 (2006.01)
A61P 1/16 (2006.01)
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C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 498/10 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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A61K 31/733 (2006.01)
A61K 9/00 (2006.01)
A61K 33/06 (2006.01)
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- A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
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A61P 35/00 (2006.01)
A61K 31/403 (2006.01)
A61K 31/5513 (2006.01)
C07D 403/12 (2006.01)
C07D 471/04 (2006.01)
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C07H 17/02 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
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C07D 409/14 (2006.01)
A61K 31/4025 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
C07D 493/10 (2006.01)
C07F 1/08 (2006.01)
C07F 5/00 (2006.01)
C07F 5/06 (2006.01)
C07F 13/00 (2006.01)
C07K 5/09 (2006.01)
C07K 5/11 (2006.01)
C07K 7/06 (2006.01)
C09B 23/01 (2006.01)
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A61K 47/34 (2017.01)
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C12N 15/113 (2010.01)
A61K 31/7115 (2006.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
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G01N 27/30 (2006.01)
C09D 5/44 (2006.01)
C25D 13/00 (2006.01)
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G01J 1/02 (2006.01)
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(54) MULTIVALENT MULTISPECIFIC CONJUGATES AND RELATED COMPOSITIONS AND METHODS OF USE
(51) Int. Cl.
A61K 38/18 (2006.01)
A61K 38/16 (2006.01)
A61K 47/64 (2017.01)
C07K 14/32 (2006.01)
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A63B 67/02 (2006.01)
A63B 57/40 (2015.01)
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C07D 239/42 (2006.01)
A01N 43/54 (2006.01)
A01P 13/00 (2006.01)
C07F 5/02 (2006.01)
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H01Q 3/26 (2006.01)
G01S 13/02 (2006.01)
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G06F 1/16 (2006.01)
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(31) 63/429,076 (32) 30.11.22 (33) US
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(51) Int. Cl.
G06F 21/62 (2013.01)
G06F 21/64 (2013.01)
G06F 40/166 (2020.01)
G06F 16/93 (2019.01)
H04L 9/32 (2006.01)
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(54) LSD1 MODULATORS
(51) Int. Cl.
C07D 413/10 (2006.01)
A61K 31/421 (2006.01)
A61K 31/427 (2006.01)
A61K 31/437 (2006.01)
A61K 31/438 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
C07D 417/10 (2006.01)

C07D 471/02 (2006.01)
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(54) REFRACTORY MATERIAL, METHOD FOR PRODUCING SAME, AND USE THEREOF
(51) Int. Cl.
C04B 35/106 (2006.01)
C04B 35/185 (2006.01)
C04B 35/443 (2006.01)
C04B 35/482 (2006.01)
C04B 35/565 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR TARGETED DELIVERY OF TGFβ
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A61K 38/19 (2006.01)
A61K 38/00 (2006.01)
C07K 14/495 (2006.01)
C12N 15/62 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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C12Q 1/68 (2018.01)
G16B 30/00 (2019.01)
C40B 20/04 (2006.01)

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F16L 33/22 (2006.01)
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 (72) ANSELL, Glen
 (74) Allens Patent & Trade Mark Attorneys

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 (51) Int. Cl.
A61F 2/07 (2013.01)
A61F 2/848 (2013.01)
A61F 2/915 (2013.01)
A61F 2/82 (2013.01)
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H01M 4/36 (2006.01)
C01B 25/37 (2006.01)
H01M 4/02 (2006.01)
H01M 4/58 (2010.01)
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G01N 33/487 (2006.01)
C12Q 1/6804 (2018.01)
G01N 33/569 (2006.01)
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 (72) MAGLIA, Giovanni; ZHANG, Xialin; KJEMS, Jørgen
 (74) FPA Patent Attorneys Pty Ltd

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C07D 489/04 (2006.01)
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 (72) GREGSON, Aaron; SCAMMELLS, Peter, John
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 (54) CARBONIC ANHYDRASE ENZYME INHIBITORS AND METHODS OF USE THEREOF
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C07D 209/34 (2006.01)
A61K 31/404 (2006.01)
A61P 29/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/10 (2006.01)
C07D 403/06 (2006.01)
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 (54) SECURITY DEVICE
 (51) Int. Cl.
E04G 21/32 (2006.01)
A62B 35/00 (2006.01)
A62B 35/04 (2006.01)
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C07H 3/02 (2006.01)
A23L 5/41 (2016.01)
A23L 29/30 (2016.01)
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 (54) MESHING PLAN FOR CONTROLLING MESH INSTALLATION
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E21D 11/00 (2006.01)
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E21D 19/00 (2006.01)
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 (54) CONTROLLING MESH INSTALLATION
 (51) Int. Cl.
E21D 11/00 (2006.01)
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E21D 19/00 (2006.01)
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 (51) Int. Cl.
E21D 11/00 (2006.01)
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(21) 2024212788 (22) 26.01.2024
(54) CONTROLLING REPLACEMENT OF A MINING TOOL OF A MINING VEHICLE
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E21B 7/02 (2006.01)
E21B 19/18 (2006.01)
E21D 9/00 (2006.01)
E21D 20/00 (2006.01)
G01S 17/06 (2006.01)
G01S 17/08 (2006.01)
G01S 17/894 (2020.01)
G06T 7/70 (2017.01)
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(51) Int. Cl.
C07K 16/10 (2006.01)
A61K 39/12 (2006.01)
A61P 31/14 (2006.01)
C07K 14/115 (2006.01)
A61K 39/00 (2006.01)
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C09K 8/467 (2006.01)
E21B 33/13 (2006.01)
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F21V 23/00 (2015.01)
F21S 8/08 (2006.01)
F21V 15/01 (2006.01)
F21V 17/00 (2006.01)
F21V 21/30 (2006.01)
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F21Y 115/10 (2016.01)
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(54) SILOXANE-BASED DISPERSING
COMPOSITIONS AND METHODS
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(51) Int. Cl.
C09D 183/12 (2006.01)
C08G 65/336 (2006.01)
C08G 77/12 (2006.01)
C08G 77/18 (2006.01)
C08G 77/38 (2006.01)
C08G 77/46 (2006.01)
C09D 183/06 (2006.01)
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(54) VEHICLE SUPPORTING A GROUND
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A01D 34/62 (2006.01)
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(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 31/7088 (2006.01)
A61K 38/10 (2006.01)
A61P 1/08 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
C07K 7/08 (2006.01)
C12N 15/85 (2006.01)
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(51) Int. Cl.
A61K 38/03 (2006.01)
A61K 9/00 (2006.01)
A61K 38/17 (2006.01)
A61K 47/00 (2006.01)
A61K 48/00 (2006.01)
A61P 27/02 (2006.01)
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A01N 63/40 (2020.01)
A01P 23/00 (2006.01)
A61K 39/00 (2006.01)
A61K 48/00 (2006.01)
A61P 15/16 (2006.01)
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(54) METHOD OF FIT TESTING A RESPIRATOR DEVICE
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G06V 40/16 (2022.01)
A61M 16/06 (2006.01)
G06N 3/0464 (2023.01)
G06T 7/00 (2017.01)
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C08G 63/672 (2006.01)
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C09J 167/02 (2006.01)
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H04L 1/00 (2006.01)
A61B 5/00 (2006.01)
H02J 50/40 (2016.01)
H02J 50/80 (2016.01)
H04B 5/72 (2024.01)
H04B 5/79 (2024.01)
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(54) TRANSIENT RECEPTOR POTENTIAL VANILLOID 6 INHIBITORS
(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/496 (2006.01)
A61K 31/497 (2006.01)
A61K 31/501 (2006.01)
A61K 31/5025 (2006.01)
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A61K 31/5377 (2006.01)
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A61K 31/5386 (2006.01)
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A61K 31/55 (2006.01)
A61K 31/553 (2006.01)
A61P 1/04 (2006.01)
A61P 3/02 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 17/00 (2006.01)
A61P 19/08 (2006.01)
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C07D 237/20 (2006.01)
C07D 237/24 (2006.01)
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C07D 403/02 (2006.01)
C07D 403/12 (2006.01)
C07D 403/14 (2006.01)
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(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/4166 (2006.01)
A61K 31/501 (2006.01)
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A61P 35/00 (2006.01)
C07D 237/20 (2006.01)
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C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
C07D 403/12 (2006.01)
C07D 403/14 (2006.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
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(54) ALGAE HARVESTING DEVICE
(51) Int. Cl.
A01G 33/00 (2006.01)
A01K 61/90 (2017.01)
B01D 33/11 (2006.01)
B01D 33/76 (2006.01)
C12M 1/00 (2006.01)
C12M 1/12 (2006.01)
C12M 1/26 (2006.01)
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B01D 61/46 (2006.01)
B01D 67/00 (2006.01)
C08J 5/22 (2006.01)
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 13/08 (2006.01)
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(74) Patent Attorney Services
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(54) PROCESS AND APPARATUS FOR CONVERTING AQUEOUS ALCOHOL TO ETHYLENE
(51) Int. Cl.
C07C 1/24 (2006.01)
B01D 3/00 (2006.01)
B01D 3/14 (2006.01)
C07C 11/04 (2006.01)
C07C 29/80 (2006.01)
C07C 31/08 (2006.01)
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(31) 63/477,390 (32) 28.12.22 (33) US
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(54) IONICALLY CONDUCTIVE THIN FILM COMPOSITE MEMBRANES FOR ENERGY STORAGE APPLICATIONS
(51) Int. Cl.
H01M 8/1053 (2016.01)
H01M 8/10 (2016.01)
H01M 8/1058 (2016.01)
H01M 8/18 (2006.01)
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(54) HIGH SURFACE AREA, HIGH POROSITY IRIIDIUM-BASED CATALYST AND METHOD OF MAKING
(51) Int. Cl.
B01J 23/46 (2006.01)
B01J 35/40 (2024.01)
B01J 35/45 (2024.01)
B01J 35/61 (2024.01)
B01J 35/63 (2024.01)
C25B 1/04 (2021.01)
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(74) Patent Attorney Services
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(21) 2023418024 (22) 28.12.2023
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(51) Int. Cl.
C07C 1/24 (2006.01)

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C07C 11/04 (2006.01)
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MATHUR, Ashish; LUEBKE, Charles;
PANDEY, Gautam
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(51) Int. Cl.
C10G 69/12 (2006.01)
C10G 50/00 (2006.01)
C10G 69/06 (2006.01)
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SERBAN, Manuela; JERORO, Es-
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C10G 50/00 (2006.01)
C10G 69/12 (2006.01)
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Joseph; BOSE, Arunim
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(54) PREDICTING PATIENT OUTCOMES
RELATED TO PANCREATIC CANCER
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G16H 50/50 (2018.01)
C12Q 1/6886 (2018.01)
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
G06N 5/04 (2023.01)
G16B 20/00 (2019.01)
G16H 30/40 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
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Damir; KRISHNA, Viswesh; KRISHNA,
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TIU, Ekin
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(51) Int. Cl.
A61K 9/00 (2006.01)
A61F 6/08 (2006.01)
A61K 31/565 (2006.01)
A61K 47/34 (2017.01)
A61P 15/00 (2006.01)
(87) WO2024/115763
(31) 22211162.7 **(32)** 02.12.22 **(33)** EP
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(72) NICKISCH, Klaus
(74) IP GATEWAY PATENT & TRADE
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HIBITORS OF CYCLIC GMP-AMP
SYNTHASE AND USES THEREOF
(51) Int. Cl.
C07D 417/14 (2006.01)
A61K 31/351 (2006.01)
A61K 31/382 (2006.01)
A61K 31/433 (2006.01)
A61K 31/445 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 17/00 (2006.01)
A61P 19/00 (2006.01)
A61P 25/00 (2006.01)
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C07D 498/04 (2006.01)
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CIBLAT, Stephane; CYR, Patrick
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RESPONSES AND THEIR USES
(51) Int. Cl.
G16B 20/30 (2019.01)
A61K 39/00 (2006.01)
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Robert Gergely
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OF ACUTE REJECTION ON KIDNEY
BIOPSY IN TRANSPLANT RECIPIENT
BLOOD
(51) Int. Cl.
C12Q 1/6883 (2018.01)
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DOSHI, Nehal
(74) FPA Patent Attorneys Pty Ltd

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PANY
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(54) COMPACT TOOL CARRIER HAVING A
SUSPENSION SYSTEM
(51) Int. Cl.
E02F 3/34 (2006.01)
B62D 51/02 (2006.01)
B62D 55/06 (2006.01)
B62D 55/108 (2006.01)
B62D 55/30 (2006.01)
E02F 9/08 (2006.01)
E02F 9/16 (2006.01)
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NER, James Wesley
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SCAFFOLDS FOR THE TREATMENT
AND PREVENTION OF SJÖGREN'S
SYNDROME
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 38/39 (2006.01)
A61P 19/02 (2006.01)
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CANCER
(51) Int. Cl.
A61K 31/44 (2006.01)
A61K 31/282 (2006.01)
A61K 31/454 (2006.01)
A61K 31/4745 (2006.01)
A61K 31/495 (2006.01)

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A61K 31/63 (2006.01)
A61K 31/69 (2006.01)
A61K 31/7048 (2006.01)
A61K 31/7068 (2006.01)
A61P 35/00 (2006.01)
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(31) 63/451,324 (32) 10.03.23 (33) US
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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(21) 2023397349 (22) 12.12.2023
(54) SYSTEM AND METHOD FOR A NETWORK AUTHENTICATION WITH DEVICE LEVEL AUTHENTICATION CONTROLS
(51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/02 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/40 (2012.01)
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(31) 202241072014 (32) 13.12.22 (33) IN
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2023418066 (22) 22.12.2023
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(51) Int. Cl.
A61F 9/007 (2006.01)
A61F 2/14 (2006.01)
A61F 9/00 (2006.01)
(87) WO2024/138244
(31) 2022904037 (32) 28.12.22 (33) AU
(43) 04.07.2024
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A61C 19/06 (2006.01)
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(54) SYSTEM AND METHOD FOR CARBON MONITORING AND MANAGEMENT IN WATER SYSTEMS
(51) Int. Cl.
G01N 33/18 (2006.01)
G01N 1/10 (2006.01)
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(87) WO2024/138166
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(51) Int. Cl.
G01N 33/50 (2006.01)
G16C 20/20 (2019.01)
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G06F 16/335 (2019.01)
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(51) Int. Cl.
A61P 25/16 (2006.01)
A61K 31/53 (2006.01)
A61P 25/28 (2006.01)
C07D 487/04 (2006.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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B60B 25/10 (2006.01)
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(74) Remarkable IP
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(11) AU-A-2023387792
(21) 2023387792 (22) 11.12.2023
(54) CAISSON HEIGHT PROFILER SYSTEM AND METHOD
(51) Int. Cl.
E04H 4/00 (2006.01)
(87) WO2024/119282
(31) 63/386,866 (32) 09.12.22 (33) US
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(54) ADAPTIVE EXPERIENCE AND WAVE GENERATION
(51) Int. Cl.
E04H 4/00 (2006.01)
A63B 69/00 (2006.01)
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(31) 63/386,957 (32) 12.12.22 (33) US
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(11) AU-A-2023403337
(21) 2023403337 (22) 29.11.2023
(54) CHILD VEHICLE SEAT SYSTEM
(51) Int. Cl.
B60N 2/26 (2006.01)
B60N 2/28 (2006.01)
B60N 2/30 (2006.01)
B60N 2/433 (2006.01)
B60N 2/90 (2018.01)
(87) WO2024/118719
(31) 63/385,444 (32) 30.11.22 (33) US
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(72) MASON, Kyle S.; LEHMAN, David A.; KEEBLER, Nathaniel W.; MALM, Leif; HARTENSTINE, Curtis M.			(31) 63/429,632 (32) 02.12.22 (33) US	
(74) PHILLIPS ORMONDE FITZPATRICK			(43) 06.06.2024	
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			(74) Spruson & Ferguson	
(71) WONDERLAND SWITZERLAND AG				(71) YANG, B.
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(51) Int. Cl.				(51) Int. Cl.
B60N 2/28 (2006.01)				E04B 1/24 (2006.01)
A47D 1/10 (2006.01)				E04B 1/58 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK				(74) ALDRICH PROJECTS PTY LTD
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(21) 2022485375 (22) 07.11.2022				(21) 2023387378 (22) 24.11.2023
(54) VACCINE FOR TREATING ALLERGIES				(54) OPHTHALMIC FORMULATION COMPRISING PYRIDINE PHENYL COMPOUND, PREPARATION METHOD THEREFOR, AND USE THEREOF
(51) Int. Cl.				(51) Int. Cl.
A61K 39/35 (2006.01)				A61K 31/136 (2006.01)
A61K 39/385 (2006.01)				A61K 9/08 (2006.01)
A61P 37/08 (2006.01)				A61P 27/02 (2006.01)
C07K 14/02 (2006.01)				(87) WO2024/109905
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(74) FPA Patent Attorneys Pty Ltd				
(71) WUHU SNDA MEDICAL TREATMENT APPLIANCE TECHNOLOGY CO., LTD.				(71) ZIMMER BIOMET CMF AND THORACIC, LLC
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(51) Int. Cl.				(51) Int. Cl.
A61B 17/326 (2006.01)				A61B 17/80 (2006.01)
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(71) X DEVELOPMENT LLC				(74) PHILLIPS ORMONDE FITZPATRICK
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(54) DISTRIBUTED SENSING USING FLUID NETWORK				(11) AU-A-2023405366
				(21) 2023405366 (22) 07.04.2023
(51) Int. Cl.				
G01V 1/00 (2024.01)				
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(54) NUCLEIC ACID APTAMER				
(51) Int. Cl.				
C12N 15/115 (2010.01)				
A61K 31/712 (2006.01)				
A61K 31/713 (2006.01)				
A61P 25/00 (2006.01)				
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A61P 29/00 (2006.01)				
A61P 35/00 (2006.01)				
A61P 37/00 (2006.01)				
C07D 405/04 (2006.01)				
C07D 409/02 (2006.01)				
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(71) XII MEDICAL, INC.				
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(54) WIRELESS POWER TRANSFER				
(51) Int. Cl.				
A61N 1/36 (2006.01)				
A61N 1/372 (2006.01)				
A61N 1/378 (2006.01)				
A61N 1/05 (2006.01)				
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(74) RnB IP Pty Ltd				
(71) XINTHERA, INC.				
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(54) ALPHA4 BETA7 INTEGRIN ANTAGONISTS AND USES THEREOF				
(51) Int. Cl.				
C07D 401/14 (2006.01)				
A61K 31/435 (2006.01)				
A61P 29/00 (2006.01)				
C07D 413/04 (2006.01)				
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C07D 471/04 (2006.01)				
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(51) Int. Cl.

H04L 5/00 (2006.01)

H04L 25/02 (2006.01)

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(72) WEI, Xingguang; LIU, Xing; KOU, Shuaihua; GOU, Wei; HAN, Xianghui; FENG, Shuai

(74) Spruson & Ferguson

(71) Z WARE DEVELOPMENT PTY LTD

(11) AU-A-2022487152

(21) 2022487152 (22) 21.11.2022

(54) ANIMAL IDENTIFICATION

(51) Int. Cl.

G06Q 50/02 (2024.01)

A01K 29/00 (2006.01)

G06V 10/22 (2022.01)

G06V 10/82 (2022.01)

G06V 40/10 (2022.01)

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2022407714	ANDRAWOS, E.S.	2023378339	SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES; VIGONVITA LIFE SCIENCES CO., LTD.; XINJIANG TECHNICAL INSTITUTE OF PHYSICS AND CHEMISTRY, CHINESE ACADEMY OF SCIENCES
2022485304	NOKIA TECHNOLOGIES OY		
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2022487152	Z WARE DEVELOPMENT PTY LTD	2023378360	HAN, X.; ZHANG, N.
2022488085	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2023378452	HAIHE BIOPHARMA CO., LTD.
2022488222	CELLRESEARCH CORPORATION PTE. LTD.	2023378464	INSTITUTE OF PATHOGEN BIOLOGY, CHINESE ACADEMY OF MEDICAL SCIENCES
2022488258	METROPOLIS TECHNOLOGIES, INC.		
2022488299	BAYLOR COLLEGE OF MEDICINE; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS	2023378481	KANGLITAI BIOMEDICAL (QINGDAO) CO., LTD.
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2022491399	RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY	2023380177	HAULOTTE GROUP
	MAPLEBEAR INC.	2023380411	PROTON INTELLIGENCE INC.
2022491473	MÖLNLYCKE HEALTH CARE AB	2023380430	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH; CREATECOMM TECH PRIVATE LIMITED
2022492149	LENOVO (SINGAPORE) PTE. LTD.		
2023369196	BIOTHEUS INC.	2023381299	UCB BIOPHARMA SRL
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2023372193	ATLAS REALITY, INC.	2023383918	BIOCONIX PTY LTD
2023372554	NUNHEMS B.V.	2023384043	BTL HEALTHCARE TECHNOLOGIES A.S.
2023372804	VINCERX PHARMA, INC.	2023384257	ARUP IP MANAGEMENT, LTD.; DUNN, C.; DOWNIE, S.; ZHOU, T.
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2023374374	ASTRAZENECA AB	2023384812	DEXCOM, INC.
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2023374727	JANSSSEN BIOTECH, INC.	2023385537	NO REGRETS 2050 LTD.
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2023375560	MERCK PATENT GMBH	2023386292	SCHREDER S.A.
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2023389310	AOMORI YAMADA GAKUEN EDUCATIONAL COR- PORATION	2023394433	BASF SE
2023389477	SUNTORY HOLDINGS LIMITED	2023395603	ARTHREX, INC.
2023389669	HALTER USA INC.	2023395633	ZIMMER BIOMET CMF AND THORACIC, LLC
2023389808	CORAMAZE TECHNOLOGIES LTD.	2023395811	LOVEVERY, INC.
2023390095	ELECTROPAR LIMITED	2023395853	MERCK SHARP & DOHME LLC
2023390101	FREEDOM BIOSCIENCES, INC.	2023395880	CRINETICS PHARMACEUTICALS, INC.
2023390117	FIGMA, INC.	2023395899	THE TEXAS A&M UNIVERSITY SYSTEM; TRI AUS- TIN, INC.
2023390123	HELION ENERGY, INC.	2023395940	ATAI THERAPEUTICS, INC.
2023390227	OREGON TOOL, INC.	2023396073	24M TECHNOLOGIES, INC.
2023390309	HORIZON QUANTUM COMPUTING PTE. LTD.	2023396159	SPRAYING SYSTEMS CO.
2023390313	ORICA INTERNATIONAL PTE LTD	2023396634	LOVEVERY, INC.
2023390336	RUTGERS, THE STATE UNIVERSITY OF NEW JER- SEY; NEMAGEN DISCOVERIES, INC.	2023396682	ID-FISH TECHNOLOGY, INC.
2023390347	RENATA MEDICAL, INC.	2023396807	GREAT PLAINS MANUFACTURING, INC.
2023390553	THE REGENTS OF THE UNIVERSITY OF CALIFOR- NIA	2023396812	GREAT PLAINS MANUFACTURING, INC.
2023390556	INSMED INCORPORATED	2023396827	CRINETICS PHARMACEUTICALS, INC.
2023390868	THE UNITED STATES OF AMERICA, AS REPRES- ENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES; UNIVERSITY OF MODENA AND REGGIO EMILIA	2023397176	BASF CORPORATION
2023390908	KARTOS THERAPEUTICS; ROTHBAUM, W.	2023397325	LIGHTFORCE ORTHODONTICS, INC.
2023390913	FIELD MEDICAL, INC.	2023397349	VISA INTERNATIONAL SERVICE ASSOCIATION
2023390914	ALTERNA MATERIALS, LLC	2023397566	THE GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF THE ARMY
2023391012	ALLIANCE LAUNDRY SYSTEMS LLC	2023397589	KODIAK ROBOTICS, INC.
2023391023	DEXCOM, INC.	2023397817	FOUR GROWERS, INC.
2023391036	COMMUNICATIONS TEST DESIGN, INC.	2023397970	FLAGSHIP PIONEERING INNOVATIONS, VI, LLC
2023391037	COMMUNICATIONS TEST DESIGN, INC.	2023398007	BAYER AKTIENGESSELLSCHAFT
2023391051	SPIRAIR, INC.	2023398067	YANG, B.
2023391088	KIRIN HOLDINGS KABUSHIKI KAISHA	2023398330	BASF AGRICULTURAL SOLUTIONS US LLC
2023391152	MOTOROLA SOLUTIONS, INC.	2023398402	CCTEG TAIYUAN RESEARCH INSTITUTE CO., LTD.; SHANXI TIANDI COAL MINING MACHINERY CO., LTD.
2023391245	RELANCE WORLDWIDE CORPORATION (UK) LIM- ITED	2023398910	DRAGONFLY ENERGY CORP.
2023391249	BAE SYSTEMS PLC	2023398977	WAVEBREAK THERAPEUTICS, LLC
2023391257	AQUAM WATER SERVICES LIMITED	2023399002	PANAZEE
2023391258	AQUAM WATER SERVICES LIMITED	2023400559	IQIP HOLDING B.V.
2023391277	THE ALFRED E. MANN FOUNDATION FOR SCI- ENTIFIC RESEARCH	2023400578	CALLIDUS CAPITAL B.V.
2023391325	HEALX LTD	2023400581	RIJKSUNIVERSITEIT GRONINGEN; AARHUS UNI- VERSITET
2023391336	T.EN PROCESS TECHNOLOGY, INC.	2023400582	AIRBUS DEFENCE AND SPACE NETHERLANDS B.V.
2023391356	PRAMAND LLC	2023400596	MALCORP BIODISCOVERIES LIMITED
2023391453	FLOW ENVIRONMENTAL SYSTEMS, INC.	2023400662	BLINKLAB LTD
2023391455	FLOW ENVIRONMENTAL SYSTEMS, INC.	2023400911	RAZER (ASIA-PACIFIC) PTE. LTD.
2023391474	WASHINGTON UNIVERSITY	2023400948	DSM IP ASSETS B.V.
2023391565	3M INNOVATIVE PROPERTIES COMPANY	2023401123	MERCK SHARP & DOHME LLC
2023391716	CERULEANT SYSTEMS, LLC	2023401179	GREEN HYDROGEN SYSTEMS A/S
2023391847	LOAM BIO PTY LTD	2023401203	JOEY MAC INVENTIONS LLC
2023391857	FORUM US, INC.	2023401287	VARI BIOSCIENCE GMBH
2023391878	LOAM BIO PTY LTD	2023401390	SCHLUMBERGER TECHNOLOGY B.V.
2023391889	SHEINER ENGINEERING & DESIGN, LLC	2023401728	CATERPILLAR INC.
2023392329	ALPHA M.O.S.	2023401888	CATERPILLAR INC.
2023392591	BAE SYSTEMS PLC	2023401922	MATERIALISE NV; FLUIDDA NV
2023392593	BAE SYSTEMS PLC	2023402032	THE HEADREST SAFE IP COMPANY , LLC
2023392654	PUTTSHACK LTD	2023402193	BAKER HUGHES OILFIELD OPERATIONS LLC
2023392658	ECHION TECHNOLOGIES LIMITED	2023402592	J.C. BAMFORD EXCAVATORS LIMITED
2023392764	NANEXA AB	2023402601	ACTIVE NEEDLE TECHNOLOGY LTD
2023392783	SITRYX THERAPEUTICS LIMITED	2023402613	MOREDUN RESEARCH INSTITUTE
2023393141	ANDREEV, P.R.	2023403061	JUBILANT DRAXIMAGE INC.
2023393221	GRIPPLE LIMITED	2023403080	3M INNOVATIVE PROPERTIES COMPANY
2023393326	PFIZER INC.	2023403155	ADAMA AGAN LTD.
2023393382	PHEON THERAPEUTICS LTD	2023403208	CAMP4 THERAPEUTICS CORPORATION
2023393437	PHEON THERAPEUTICS LTD	2023403253	X DEVELOPMENT LLC
2023393466	ELTA SYSTEMS LTD.	2023403270	ASKGENE PHARMA, INC.
2023393613	GLOBAL LIFE SCIENCES SOLUTIONS CANADA ULC	2023403337	WONDERLAND SWITZERLAND AG
2023393729	DOLBY INTERNATIONAL AB	2023403339	JNANA THERAPEUTICS INC.
		2023403437	SEELOS THERAPEUTICS, INC.
		2023403667	SHENYANG SINOCEM AGROCHEMICALS R & D CO., LTD.; JIANGSU YANGNONG CHEMICAL CO., LTD.

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2023404228	ADLAI NORTYE BIOPHARMA CO., LTD.	2023416576	LIFESTYLE DREAMS LTD.
2023404588	SHANGHAI CHIA TAI TIANQING PHARMACEUTICAL TECHNOLOGY DEVELOPMENT CO., LTD.; CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.	2023416608	EDWARDS LIFESCIENCES CORPORATION
2023404822	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2023416794	SUNTORY HOLDINGS LIMITED
2023405133	KAESER KOMPRESSOREN SE COBURG	2023416855	NESTE OYJ
2023405289	UNIVERSITAT DE BARCELONA; FUNDACIÓ DE RECERCA CLÍNIC BARCELONA-INSTITUT D'INVESTIGACIONS BIOMEDIQUES AUGUST PI I SUNYER; HOSPITAL CLINIC DE BARCELONA	2023416887	NESTE OYJ
2023405366	ZTE CORPORATION	2023417789	DUALITY BIOLOGICS (SHANGHAI) CO., LTD.
2023405811	NICHIREKI GROUP CO., LTD.	2023417873	NESTE OYJ
2023406290	ANGIOWAVE IMAGING, INC.; BUTLER, W.E.	2023418024	UOP LLC
2023406302	LOCUS SOLUTIONS IPCO, LLC	2023418066	VIVID WHITE PTY LTD
2023406468	GROUPE SOLMAX, INC.	2023418079	THALES
2023406508	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE	2023418297	SAMYANG CORPORATION
2023406952	ASPIRA WOMEN'S HEALTH INC.	2023418351	BYD COMPANY LIMITED
2023406973	VERMEER MANUFACTURING COMPANY	2023418663	RECURSION PHARMACEUTICALS, INC.
2023407177	TOWNSVILLE HOSPITAL AND HEALTH SERVICE; THE STATE OF QUEENSLAND ACTING THROUGH QUEENSLAND HEALTH; GRIFFITH UNIVERSITY; UNIVERSITY OF QUEENSLAND	2023418913	BIYOPHARMA CO., LTD
2023407183	UNIVERSITY OF TECHNOLOGY SYDNEY	2023419820	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2023407188	PHARMAKO BIOTECHNOLOGIES PTY LTD; UNIVERSITY OF SOUTH AUSTRALIA	2023420589	BAE SYSTEMS CONTROLS INC.
2023407204	ARCHER MATERIALS LIMITED	2023420853	RAYTHEON COMPANY
2023407214	UNIQUEST PTY LIMITED	2023421619	INSULET CORPORATION
2023407216	UNIQUEST PTY LIMITED	2023421816	MITSUBISHI HEAVY INDUSTRIES, LTD.
2023407278	GROWCLEAN TECHNOLOGIE CORP.; TANGUAY, M.	2023422445	CROWN EQUIPMENT CORPORATION
2023407367	CAREDX, INC.	2023423606	SEKISUI HOUSE, LTD.
2023407509	UOP LLC	2023423985	VALAR LABS, INC.
2023408212	COLGATE-PALMOLIVE COMPANY	2023424346	NANJING CHERVON INDUSTRY CO., LTD.
2023408473	JOY GLOBAL UNDERGROUND MINING LLC	2023427872	KABUSHIKI KAISHA YAKULT HONSHA
2023408542	ANCHORSTAR-INNOVATION AS	2023428946	NIPPON STEEL CORPORATION
2023408761	VENTUS THERAPEUTICS U.S., INC.	2023431421	JFE STEEL CORPORATION
2023408954	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	2023431846	UOP LLC
2023409035	DEXCOM, INC.	2023432137	DROPBOX, INC.
2023409223	AMGEN INC.	2023441122	PSIQUANTUM CORP.
2023409607	HEMOLENS DIAGNOSTICS SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	2023449908	SHENZHEN SCIENCARE PHARMACEUTICAL CO., LTD.
2023409677	ESSETRE S.R.L UNIPERSONALE	2023465316	JI YAN BIOMEDICAL CO., LTD
2023410192	NGK INSULATORS, LTD.	2023474225	JIANGSU PYLON BATTERY CO., LTD.
2023410194	NGK INSULATORS, LTD.	2024204653	ECONOMIC & TECHNOLOGY RESEARCH INSTITUTE OF STATE GRID SHANDONG ELECTRIC POWER COMPANY
2023410245	ESPERA-WERKE GMBH	2024206223	SYNGENTA CROP PROTECTION AG
2023410345	CRODA INTERNATIONAL PLC	2024206879	UOP LLC
2023410347	CRODA INTERNATIONAL PLC	2024207013	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2023410401	NESTE OYJ	2024207151	ODYSSEY THERAPEUTICS, INC.
2023410450	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2024207633	VIELA BIO, INC.
2023410643	C.S. GENT & SONS LTD	2024208423	SYNGENTA CROP PROTECTION AG
2023410872	ULINK LABS, INC.	2024208436	REGENERON PHARMACEUTICALS, INC.
2023410877	VYCARB INC.	2024208532	DE LA RUE INTERNATIONAL LIMITED
2023411100	BAUSCH + LOMB IRELAND LIMITED	2024208858	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2023411456	HYDRO EXTRUDED SOLUTIONS AS	2024209219	KANDO INNOVATION LIMITED
2023412010	REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG	2024209847	SANDVIK MINING AND CONSTRUCTION OY
2023412015	NORDEX ENERGY SE & CO.KG	2024210131	IFP ENERGIES NOUVELLES
2023412031	SYNGENTA CROP PROTECTION AG	2024210139	SANDVIK MINING AND CONSTRUCTION OY
2023412117	ABBISKO THERAPEUTICS CO., LTD.	2024210549	SANDVIK MINING AND CONSTRUCTION OY
2023412139	SOUND BIOPHARMACEUTICALS CO. LTD.	2024210671	AMVAC CHEMICAL CORPORATION
2023412920	WONDERLAND SWITZERLAND AG	2024211119	REGENERON PHARMACEUTICALS, INC.
2023413070	MASAL INC.	2024211499	AMOVA GMBH
2023413132	XINTHERA, INC.	2024211703	AMOVA GMBH
2023413677	LYTIX BIOPHARMA AS	2024212108	GIESECKE+DEVRIENT CURRENCY TECHNOLOGY GMBH
2023413685	LYTIX BIOPHARMA AS	2024212529	OPNA BIO SA
2023414548	THE TORO COMPANY	2024212788	SANDVIK MINING AND CONSTRUCTION OY
2023414788	NESTE OYJ	2024213953	SWIMC LLC
2023416084	CJ CHEILJEDANG CORPORATION	2024215792	AARHUS UNIVERSITET
2023416238	UOP LLC	2024216238	AMGEN INC.
2023416280	UOP LLC	2024216696	RIVER STONE BIOTECH APS
2023416443	UOP LLC	2024216934	HALLIBURTON ENERGY SERVICES, INC.
		2024217877	TOYOBO MC CORPORATION
		2024218848	XII MEDICAL, INC.
		2024218888	T.F.H. PUBLICATIONS, INC.
		2024221195	QINGDAO KINGAGROOT CHEMICAL COMPOUND CO., LTD.
		2024224844	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
		2024229806	CJ CHEILJEDANG CORPORATION

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2024233567	HANGZHOU SINO EAGLE YACHT CO., LTD.
2024234293	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024235988	CHONGQING CHANGAN AUTOMOBILE CO., LTD.
2024240002	I.T.S. GMBH
2024248360	BYD COMPANY LIMITED
2024267061	PANATEXS CO., LTD.
2024269449	LG ENERGY SOLUTION, LTD.
2024278590	NILO LIMITED
2024296468	JEREH NEW ENERGY REGENERATION AND RE- CYCLING TECHNOLOGY CO., LTD
2024364754	INDIVIOR UK LIMITED
2024367732	PARCEL HEALTH, INC.
2024381601	CURIVE HEALTHCARE, INC.

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2023389669	2023385725	2023410345	2023377355	2023401203	2022492149
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2023372554	2023389669	2023412031	2023377357	<u>A47L 7 I/-</u>	2023371460
	2024218888	2024206223	<u>A23L 27 I/-</u>	2023401203	2023389808
<u>A01C 21 I/-</u>	<u>A01K 29 I/-</u>	2024221195	2023377355	<u>A47L 9 I/-</u>	2023390347
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	2023389669	2023379749	<u>A23L 29 I/-</u>		2023416608
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2023414548	2023385725	2023410345	2023418297	2023375663	<u>A61F 6 I/-</u>
2023424346		2023410347		2023389808	
<u>A01D 46 I/-</u>	<u>A01L 7 I/-</u>	2024208423	2023377197	2023395603	2023401287
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<u>A01D 67 I/-</u>	<u>A01M 7 I/-</u>	2023403667	2023377356	2023413070	2023390553
2023424346	2023396159	2023410347	2023377357	<u>A61B 18 I/-</u>	2023394116
<u>A01G 18 I/-</u>	<u>A01N 25 I/-</u>	<u>A21D 13 I/-</u>	2023416084	2023390913	2023418066
2023372554	2023391878	2023377806	<u>A23L 5 I/-</u>	<u>A61B 3 I/-</u>	<u>A61G 1 I/-</u>
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2023372554	2023410347	2023377806	<u>A23P 10 I/-</u>	2023400662	<u>A61G 7 I/-</u>
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<u>A01G 31 I/-</u>	<u>A01N 35 I/-</u>	2023386107	2023377357	2023375712	<u>A61J 1 I/-</u>
2023372554	2024206223	<u>A23B 4 I/-</u>	2023388184	2023376839	
<u>A01G 33 I/-</u>	<u>A01N 37 I/-</u>	2023386107	<u>A23P 30 I/-</u>	2023376841	<u>A61K 125 I/-</u>
2023407183	2023410345	<u>A23B 4 I/-</u>	2023377355	2023390553	2024367732
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2024210671	<u>A01N 43 I/-</u>	2023377357	<u>A45C 11 I/-</u>	<u>A61B 50 I/-</u>	2023387877
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	2023410347	<u>A23F 5 I/-</u>	2023394269	<u>A61B 8 I/-</u>	<u>A61K 135 I/-</u>
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2023398330	2024210671	2023389477	<u>A45C 15 I/-</u>	<u>A61B 90 I/-</u>	<u>A61K 135 I/-</u>
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<u>A01H 5 I/-</u>	<u>A01N 47 I/-</u>	2023388184	<u>A45F 3 I/-</u>	<u>A61C 13 I/-</u>	<u>A61K 31 I/-</u>
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2023378288	2023379749	<u>A23K 50 I/-</u>	<u>A47G 9 I/-</u>	2023385725	2023374710
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2023407216		2023389056	2023403437	2023403270	2023408473
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2023417789	2023407216	A61M 25 /-	2022488910	2023407216	2024211703
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A61K 33 /-	2023390868		2023372804	2023418663	2023392654
2023407188	2023391356	A61M 5 /-	2023386016	2023419820	
	2023393613		2023387127	2024207151	A63B 67 /-
A61K 35 /-	2023394343	2023394116	2023387877	2024208858	
	2023401123	2023421619	2023390336		2023392654
2022488222	2023401287	A61N 1 /-	2023392783	A61P 37 /-	A63B 69 /-
2023377197	2023404588		2023407214		
	2023413677	2023391277	2023413132	2022485375	2023394119
A61K 36 /-	2023413685	2024218848	A61P 3 /-	2023376820	
	2023417789			2023377197	A63F 13 /-
2023387877	A61K 48 /-	A61P 1 /-		2023386016	
A61K 38 /-			2023383570	2023387127	2023373484
	2023388172	2023377197	2023388740	2023389310	
2022488299	2023390868	2023383570	2023392764	2023400596	A63F 7 /-
2023371617		2023387877	2023393326	2023412139	
2023375470	A61K 49 /-	2023388740	2023407188	2023416084	2023395811
2023378464		2023393326	2023407214	2024207633	
2023378481	2023395853	2023407188	2023408761		A63H 18 /-
2023383570		2023407214		A61P 43 /-	
2023387401	A61K 51 /-		A61P 31 /-		2023395811
2023390868		A61P 11 /-		2023389310	
2023392764	2023395853		2022488299		A63H 33 /-
2023395853	2023396827	2023374727	2023374764	A61P 5 /-	2023396634
2023400596		2023407214	2023375416		
2023404228	A61K 8 /-	2023408761	2023375531	2023388740	
2023413677			2023378464	2023395880	B01D 1 /-
2023413685	2023376821		2023389310		
			2023393613		2022233195

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<u>B01D 15 /-</u>	<u>B01J 8 /-</u>	<u>B27M 1 /-</u>	2023412920	<u>B65D 50 /-</u>	<u>C02F 1 /-</u>
2023375547	2023418024	2023409677	<u>B60R 16 /-</u>	2024367732	2022233195
<u>B01D 19 /-</u>	<u>B01L 3 /-</u>	<u>B28D 1 /-</u>	2024269449	<u>B65D 53 /-</u>	2023377792
2022233195	2023377810	2023390227	<u>B60R 7 /-</u>	2023416576	2023416855
<u>B01D 3 /-</u>	<u>B04C 3 /-</u>	<u>B29B 17 /-</u>	2023402032	<u>B65D 6 /-</u>	<u>C02F 101 /-</u>
2022233195	2023391012	2023388166	<u>B60W 20 /-</u>	2023396634	2023416855
2023416238	<u>B05B 17 /-</u>	<u>B29D 11 /-</u>	2024234293	<u>B65D 75 /-</u>	<u>C02F 103 /-</u>
<u>B01D 33 /-</u>	2023389056	2023411100	2024235988	2023394269	2023377792
2023407183	<u>B07B 1 /-</u>	<u>B32B 27 /-</u>	<u>B62D 51 /-</u>	<u>B65D 77 /-</u>	<u>C02F 3 /-</u>
<u>B01D 5 /-</u>	2023377792	2023406468	2023406973	2023386107	2023416855
2022233195	<u>B09B 101 /-</u>	<u>B42D 25 /-</u>	<u>B62D 55 /-</u>	<u>B65D 81 /-</u>	<u>C04B 2 /-</u>
<u>B01D 53 /-</u>	2024296468	2024208532	2023381553	2023380430	2023391336
2023376642	<u>B09B 3 /-</u>	2024212108	2023406973	<u>B65G 15 /-</u>	<u>C04B 35 /-</u>
2023378360	2024296468	<u>B60B 25 /-</u>	2024233567	2023398402	2023412010
2023378995	<u>B09B 5 /-</u>	2022490058	<u>B63B 21 /-</u>	<u>B65G 21 /-</u>	<u>C04B 38 /-</u>
2023378996	2024296468	<u>B60F 1 /-</u>	2023408542	2023398402	2023378360
2023382079	<u>B22F 1 /-</u>	2023393141	<u>B63B 22 /-</u>	<u>B65G 41 /-</u>	<u>C05F 11 /-</u>
2023397176	2023431421	<u>B60F 3 /-</u>	2023383069	2023398402	2023391847
2023410192	<u>B23D 45 /-</u>	2023393141	<u>B63B 35 /-</u>	<u>B65G 53 /-</u>	<u>C07B 63 /-</u>
2023410194	2024209219	<u>B60G 13 /-</u>	2023383069	2024216934	2023395880
<u>B01D 61 /-</u>	<u>B23D 47 /-</u>	2023418351	<u>B63H 1 /-</u>	<u>B65G 61 /-</u>	<u>C07C 1 /-</u>
2023407509	2023409677	<u>B60G 7 /-</u>	2023383069	2023397817	2023416238
<u>B01D 67 /-</u>	2024209219	2023401728	<u>B64C 39 /-</u>	<u>B66C 1 /-</u>	2023418024
2023407509	<u>B23D 57 /-</u>	2023401728	2023393141	<u>B66C 13 /-</u>	<u>C07C 11 /-</u>
<u>B01F 27 /-</u>	2023390227	<u>B60G 9 /-</u>	2023401888	2022491199	2023416238
2023388166	<u>B23D 59 /-</u>	2023401728	<u>B64U 101 /-</u>	2023400559	2023418024
<u>B01F 29 /-</u>	2024209219	<u>B60K 15 /-</u>	2023401888	<u>B66F 17 /-</u>	<u>C07C 233 /-</u>
2023388166	<u>B23K 11 /-</u>	<u>B60L 1 /-</u>	<u>B65B 25 /-</u>	2023400559	2023419820
<u>B01F 35 /-</u>	2023428946	2023402592	2023411100	<u>B66F 17 /-</u>	<u>C07C 29 /-</u>
2024216934	<u>B23Q 17 /-</u>	<u>B60L 50 /-</u>	<u>B65C 9 /-</u>	2023380177	2023416238
<u>B01J 13 /-</u>	2024209219	2023385610	<u>B65D 21 /-</u>	<u>C01B 25 /-</u>	<u>C07C 31 /-</u>
2023378360	<u>B23Q 7 /-</u>	<u>B60L 53 /-</u>	2023410245	2022491399	2023416238
<u>B01J 2 /-</u>	2023409677	2023387783	<u>B65D 43 /-</u>	<u>C01B 33 /-</u>	<u>C07C 315 /-</u>
2023406302	<u>B25J 15 /-</u>	2024248360	2023416576	2023378360	2023403155
<u>B01J 20 /-</u>	2023397817	<u>B60L 58 /-</u>	2023396634	2023377792	2023403155
2023375547	<u>B27B 17 /-</u>	2023385610	2024367732	<u>C01F 7 /-</u>	<u>C07C 59 /-</u>
2023397176	2023390227	2023398910	<u>B65D 45 /-</u>	2023378360	2023395880
2023431421	<u>B27B 5 /-</u>	<u>B60N 2 /-</u>	2023416576	<u>C01G 33 /-</u>	<u>C07D 207 /-</u>
<u>B01J 23 /-</u>	2024209219	2023402032		2023392658	2023387401
2023416443		2023403337			

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<u>C07D 209 /-</u>	2023407214	<u>C07F 1 /-</u>	2023418913	<u>C08L 23 /-</u>	2024206879
	2023386016		2023465316		<u>C11B 1 /-</u>
2023390336	2023413132	2023374710	2024207151	2023406468	
2023395940	2023418663	<u>C07F 13 /-</u>	2024208858	<u>C08L 27 /-</u>	2023410401
	<u>C07D 417 /-</u>		2024216238		2023417873
<u>C07D 231 /-</u>		2023374710	<u>C07K 19 /-</u>	2023406468	<u>C11B 3 /-</u>
	2023375996				
2022488910	2023386016	<u>C07F 5 /-</u>	2023398007	<u>C08L 51 /-</u>	2023410401
2023403155	2023389151		2023404228		
	2023393326	2023374710	2023410450	2023394433	<u>C11D 3 /-</u>
<u>C07D 233 /-</u>	2023407214	2024221195		<u>C08L 55 /-</u>	
	2023407216	<u>C07H 15 /-</u>	<u>C07K 4 /-</u>		2023394433
2023419820	2023408761		2023395853	2023406468	<u>C12C 5 /-</u>
<u>C07D 237 /-</u>	2023418663	2023396827		<u>C08L 67 /-</u>	
	<u>C07D 453 /-</u>	<u>C07H 17 /-</u>	<u>C07K 5 /-</u>		2023391088
2023407214				2023382460	<u>C12G 3 /-</u>
2023407216	2023395880	2023393382	2023374710		
<u>C07D 239 /-</u>	<u>C07D 471 /-</u>	<u>C07H 3 /-</u>	2023387401	<u>C09B 23 /-</u>	2023391088
			2023396827		2023416794
2022489881	2022488910	2023418297	2023400948	2023374710	
2023407214	2023375996		<u>C07K 7 /-</u>	<u>C09D 133 /-</u>	<u>C12M 1 /-</u>
2024221195	2023376684	<u>C07K 1 /-</u>			
<u>C07D 277 /-</u>	2023378452		2023374710	2024213953	2023377810
	2023387127	2023378464	2023383570		2023407183
2023378339	2023388740	2023378481	2023390868	<u>C09D 175 /-</u>	2023414788
	2023393326		2023395853		2023416855
<u>C07D 401 /-</u>	2023393382	<u>C07K 14 /-</u>		2024213953	2024210131
	2023407214		<u>C08F 220 /-</u>		
2023378452	2023412117	2022485375		<u>C09D 183 /-</u>	<u>C12M 3 /-</u>
2023389065	2023413132	2023371617	2024213953		
2023389068	2023418663	2023374374	<u>C08F 283 /-</u>	2023395899	2023416855
2023390336		2023374764		<u>C09D 5 /-</u>	<u>C12N 1 /-</u>
2023392783	<u>C07D 487 /-</u>	2023375470	2023394433		
2023393326		2023378464		2023380411	2023371074
2023396827	2022489881	2023378481	<u>C08F 8 /-</u>		2023379749
2023407216	2023375996	2023378779		<u>C09J 167 /-</u>	2023391847
2023413132	2023378452	2023384043	2024213953		2023391878
	2023393326	2023385537		2024217877	2023414788
<u>C07D 403 /-</u>	2023393382	2023388176	<u>C08G 63 /-</u>		2023416855
	2023398977	2023390868		<u>C09K 3 /-</u>	2023416887
2023386016	2023407214	2023396682	2023394433		2023427872
2023390336	2023407216	2023400596	2024217877	2023431421	2024229806
2023393382	<u>C07D 489 /-</u>	2023403270	<u>C08G 65 /-</u>		
2023407214		2023405289		<u>C09K 8 /-</u>	<u>C12N 15 /-</u>
2023407216	2024216696	2023410450	2023395899		
<u>C07D 405 /-</u>	<u>C07D 491 /-</u>	2024207013		2023401390	2023374374
		2024208436	<u>C08G 77 /-</u>		2023375354
2023386016		2024208858		<u>C10G 25 /-</u>	2023375416
2023387127	2023396827	2024215792	2023395899		2023375420
2023390336	2023418663	<u>C07K 16 /-</u>		2023410401	2023375531
2023401123	<u>C07D 493 /-</u>		<u>C08J 11 /-</u>	<u>C10G 3 /-</u>	2023383570
2023407214		2023371074			2023385245
<u>C07D 407 /-</u>	2023374710	2023371839	2023388166	2023410401	2023385537
	<u>C07D 498 /-</u>	2023374714	2024278590		2023387127
2023407214		2023374764	<u>C08J 3 /-</u>	<u>C10G 31 /-</u>	2023389310
		2023375177			2023393613
<u>C07D 409 /-</u>	2023393326	2023375420	2024278590	2023410401	2023398007
	2023396827	2023375531		<u>C10G 47 /-</u>	2023398330
2023374710	2023408761	2023381299	<u>C08J 5 /-</u>		2023403208
2023386016		2023388176		2023410401	2023404228
2023387127	<u>C07D 513 /-</u>	2023393437	2023406468		2023406952
2023407214		2023396682	2023407509	<u>C10G 50 /-</u>	2023465316
2023407216	2023375996	2023401123	2024278590		2024208436
<u>C07D 413 /-</u>	<u>C07D 519 /-</u>	2023403270	<u>C08K 3 /-</u>	2023431846	2024215792
		2023404228		2024206879	2024229806
2023374710	2023407214	2023404588	2023406468	<u>C10G 69 /-</u>	<u>C12N 5 /-</u>
2023386016	2023407216	2023405289			
2023393326		2023412139		2023431846	2023371839
		2023417789			

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2023372025	2023407509	<u>E02D 13 /-</u>	<u>F16B 21 /-</u>	<u>F25B 1 /-</u>
2023388176	2023416443		<u>E21B 23 /-</u>	
2023404228		2023400559	2023402193	2023391455
2023405289	<u>C25B 13 /-</u>	<u>E02D 27 /-</u>	<u>F16D 59 /-</u>	<u>F25B 25 /-</u>
<u>C12N 7 /-</u>	2023407509	<u>E21B 29 /-</u>		
		2023384257	2023384853	2023391453
2023388172	<u>C25B 15 /-</u>	<u>E02D 31 /-</u>	2023400578	2023391455
<u>C12N 9 /-</u>	2023401179	2023384257	<u>F16D 65 /-</u>	<u>F25B 39 /-</u>
			2024209219	
2023374374	<u>C25B 9 /-</u>	<u>E21B 33 /-</u>	2024209219	2023391455
2023376821		<u>E02F 3 /-</u>	<u>F16F 9 /-</u>	
2023385943	2023401179	2023384853		<u>F25B 40 /-</u>
2023390556	2023407509	2023400578	2023418351	
2023398007		2023396807		2023391455
	<u>C25D 13 /-</u>	2023396812	<u>F16G 15 /-</u>	
		2023406973		<u>F25B 49 /-</u>
<u>C12P 19 /-</u>	2023380411	<u>E21B 41 /-</u>	2023381553	
				2023391453
2023376821	<u>C40B 20 /-</u>	2023391857	<u>F16H 19 /-</u>	
2023406302				<u>F25B 5 /-</u>
2024210131	2024211119	<u>E21B 7 /-</u>	2023407278	
2024229806		2023391857	<u>F16H 25 /-</u>	2023391453
<u>C12P 21 /-</u>	<u>D01F 13 /-</u>	2024212788		2023391455
		<u>E04B 1 /-</u>	2023407278	<u>F25B 6 /-</u>
2023416855	2023388166			
2023465316	<u>D01F 6 /-</u>	2023385642	<u>F16L 33 /-</u>	2023391453
<u>C12P 23 /-</u>		2023385643		2023391455
	2024217877	2023398067	<u>E21C 41 /-</u>	
			2023391245	<u>F25B 9 /-</u>
2023416855	<u>D01G 11 /-</u>	<u>E04B 2 /-</u>	<u>F16P 3 /-</u>	
				2023391453
<u>C12P 39 /-</u>	2023388166	2023385643	<u>E21D 11 /-</u>	2023391455
2023416855	<u>D01G 21 /-</u>	<u>E04C 2 /-</u>	2024209219	
<u>C12P 7 /-</u>			<u>F21S 8 /-</u>	<u>F28D 1 /-</u>
	2023388166	2023385643		
			2023386292	2023372193
2023416855	<u>D01G 5 /-</u>	<u>E04G 21 /-</u>	<u>F21V 15 /-</u>	<u>F28D 9 /-</u>
2023416887				
2024210131	2023388166	2023382076	2023386292	2023391455
<u>C12Q 1 /-</u>	<u>D04G 1 /-</u>	<u>E04H 1 /-</u>	<u>F21V 17 /-</u>	<u>F28F 1 /-</u>
2022488299	2024267061	2023385642	2023386292	2023418079
2023372025		2023385643		
2023374374	<u>D06F 39 /-</u>	2023423606	<u>F21V 21 /-</u>	<u>F28F 13 /-</u>
2023376820				
2023378357	2023381517	<u>E04H 12 /-</u>	2023386292	2023418079
2023388176				
2023388188	<u>D06F 58 /-</u>	2023400559	<u>F21V 23 /-</u>	<u>F28F 9 /-</u>
2023391847				
2023397970	2023391012	<u>E04H 15 /-</u>	2023386292	2023372193
2023400581				
2023407367	<u>D07B 1 /-</u>	2023397566	<u>F21V 31 /-</u>	<u>F41C 33 /-</u>
2023423985				
2024211119	2023408542	<u>E04H 4 /-</u>	2023386292	2023402032
<u>C12R 1 /-</u>	<u>E01C 19 /-</u>	2023387792	<u>F21W 131 /-</u>	<u>F41G 3 /-</u>
		2023394119		
	2023405811	<u>E21B 17 /-</u>	2023386292	2023393466
2024229806				
<u>C22B 1 /-</u>	<u>E01C 23 /-</u>	2023391857	<u>F21Y 105 /-</u>	<u>F42C 11 /-</u>
2023390914	2023405811	<u>E21B 19 /-</u>	2023386292	2023391249
<u>C22B 3 /-</u>	<u>E02B 17 /-</u>	2023384853	<u>F21Y 115 /-</u>	<u>F42C 15 /-</u>
		2023400578		
2023377792	2023384257	2024212788	2023386292	2023392591
2023390914	<u>E02B 3 /-</u>	<u>E21B 21 /-</u>	<u>F24F 3 /-</u>	2023392593
<u>C25B 1 /-</u>				<u>G01F 1 /-</u>
	2023384257	2023391857	2023391455	
2023401179				2023391258

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<u>G01F 15 /-</u>	<u>G01V 1 /-</u>	<u>G06F 8 /-</u>	<u>G06V 20 /-</u>	<u>H01B 7 /-</u>	<u>H02J 50 /-</u>
2023391257	2023403253	2023390117	2022488258	2023411456	2023410872
2023391258	<u>G02B 21 /-</u>	2023391036	2023396159	<u>H01B 9 /-</u>	<u>H02J 7 /-</u>
<u>G01J 1 /-</u>	2023377810	<u>G06F 9 /-</u>	2023397589	2023411456	2023391257
2023441122	<u>G02B 26 /-</u>	2023390117	<u>G06V 40 /-</u>	<u>H01H 13 /-</u>	2023391258
<u>G01N 1 /-</u>	2023400582	<u>G06K 7 /-</u>	2022487152	2023390095	2023391565
2023410877	<u>G02B 27 /-</u>	2022491473	2023407177	<u>H01H 47 /-</u>	2023398910
<u>G01N 11 /-</u>	2023400662	<u>G06N 10 /-</u>	<u>G08B 17 /-</u>	2024248360	2024269449
2023378288	<u>G02B 6 /-</u>	2024211499	<u>G08G 1 /-</u>	2024248360	<u>H02J 9 /-</u>
<u>G01N 15 /-</u>	2023441122	2023390309	<u>G08B 30 /-</u>	<u>H01L 21 /-</u>	2023420589
2023399002	<u>G03B 11 /-</u>	<u>G06N 3 /-</u>	2022488258	2023407204	<u>H02K 7 /-</u>
<u>G01N 21 /-</u>	2024240002	2023375712	<u>G16B 20 /-</u>	<u>H01L 23 /-</u>	2023391258
2023375712	<u>G05B 13 /-</u>	2023391023	2023374782	2023418079	<u>H02M 1 /-</u>
2023377810	2023371468	2023407177	2023407367	<u>H01M 10 /-</u>	2023385610
<u>G01N 27 /-</u>	<u>G05D 1 /-</u>	2023423985	2023423985	2023396073	<u>H02M 5 /-</u>
2023380411	2023393141	<u>G06N 5 /-</u>	<u>G16B 30 /-</u>	2023398910	2023385610
<u>G01N 33 /-</u>	2023401888	2023423985	<u>G16B 40 /-</u>	2023408473	<u>H02M 7 /-</u>
2022489786	2023404822	<u>G06Q 10 /-</u>	2023407367	<u>H01M 4 /-</u>	2023385610
2023376820	<u>G05D 105 /-</u>	2023389669	<u>G16C 20 /-</u>	2022491399	<u>H02N 2 /-</u>
2023388176	2023393141	2023391036	2023391037	2023392658	2023391249
2023388188	<u>G05D 23 /-</u>	2024204653	2023391474	2023396073	<u>H02S 20 /-</u>
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2023392329	2023371468	<u>G06Q 50 /-</u>	<u>G16H 20 /-</u>	2023408473	2023400582
2023396682	<u>G06F 1 /-</u>	2022487152	2023421619	2023474225	<u>H01Q 1 /-</u>
2023399002	2023391889	2023371468	<u>G16H 30 /-</u>	<u>H01Q 11 /-</u>	<u>H04B 11 /-</u>
2023400581	2023400911	2023389669	2023423985	2023391152	2023410872
2023406508	<u>G06F 11 /-</u>	2023390313	<u>G16H 40 /-</u>	<u>H01Q 11 /-</u>	<u>H04B 5 /-</u>
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2023375712	2023385339	<u>G06T 7 /-</u>	<u>G16Y 10 /-</u>	2023422445	2023410872
<u>G01R 19 /-</u>	2023391474	2022488258	<u>G21B 1 /-</u>	<u>H02G 9 /-</u>	<u>H04L 25 /-</u>
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2023420589	2023385339	2024212788	<u>H01B 13 /-</u>	<u>H02J 3 /-</u>	<u>H04L 5 /-</u>
2024269449	2023391716	<u>G06V 10 /-</u>	2023411456	2023371468	2023405366
<u>G01S 11 /-</u>	<u>G06F 3 /-</u>	2022487152	2024204653	2024204653	
2023393466	2023400662	2022491473			
<u>G01S 13 /-</u>	<u>G06F 40 /-</u>	2023396159			
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(74) Allens Patent & Trade Mark Attorneys

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(51) Int. Cl.
E02F 3/84 (2006.01)
B60W 10/00 (2006.01)
E01C 19/00 (2006.01)
E21C 35/08 (2006.01)
G01S 13/931 (2020.01)
G01S 17/931 (2020.01)
G01S 19/45 (2010.01)
G05D 1/43 (2024.01)
G05D 3/12 (2006.01)
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G08G 9/00 (2006.01)
B60W 10/04 (2006.01)
B60W 10/10 (2012.01)
B60W 10/18 (2012.01)
B60W 10/20 (2006.01)
B60W 40/072 (2012.01)
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G01C 19/00 (2013.01)
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C12N 5/0775 (2010.01)
A61K 35/51 (2015.01)
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B29B 11/16 (2006.01)
B29C 44/20 (2006.01)
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(71) Chifeng Hao Feng Drilling Co., Ltd.
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(54) Hydraulic collapsible rotary stand for wireline coring underground drill rig

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 (72) BAI, Ruifeng
 (74) A.P.T. Patent and Trade Mark Attorneys

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 (21) 2024354211

(71) CHINA ENFI ENGINEERING CORPORATION; CHINA ENFI ENGINEERING CO., LTD.
 (11) AU-B-2024354211
 (21) 2024354211 (22) 16.12.2024
 (54) Method for Treating Lateritic Nickel Ore Acid Leaching Residue, and Activated Material
 (51) Int. Cl.
C22B 3/44 (2006.01)
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 (74) James & Wells Intellectual Property

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 (11) AU-B-2023387695
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 (54) SHIELD CONSTRUCTION EARLY WARNING SYSTEM AND EARLY WARNING METHOD BASED ON EDGE COMPUTING ARCHITECTURE
 (51) Int. Cl.
H04L 67/12 (2022.01)
G08B 21/18 (2006.01)
 (87) WO2024/108871
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(71) Chongqing Changan Automobile Co., Ltd.
 (11) AU-B-2023285771
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 (54) Collection and transmission method of internet of vehicles data, vehicle cloud service platform, vehicle, and storage medium
 (51) Int. Cl.
H04L 12/40 (2006.01)
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(71) Chuang-Kang Machinery Technology Co., Ltd.
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 (54) Coffee Grinder
 (51) Int. Cl.
A47J 42/38 (2006.01)
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 (54) PERSONAL CASE COMPOSITION BASED ON ANIONIC SURFACTANT, AMPHOTERIC SURFACTANT AND ALKYL GLUCOSIDE
 (51) Int. Cl.
A61K 8/44 (2006.01)
A61K 8/46 (2006.01)
A61K 8/60 (2006.01)
A61Q 13/00 (2006.01)
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 (51) Int. Cl.
A23K 20/189 (2016.01)
A61K 38/47 (2006.01)
A61P 1/14 (2006.01)
A61P 3/02 (2006.01)
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 (54) Animal feed composition and use thereof
 (51) Int. Cl.
A23K 20/189 (2016.01)

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(74) Phillips Ormonde Fitzpatrick

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(21) 2019339736 **(22)** 11.09.2019
(54) Animal feed composition and use thereof
(51) Int. Cl.
A23K 20/189 (2016.01)
A23K 20/174 (2016.01)
A61K 38/47 (2006.01)
A61P 29/02 (2006.01)
A61P 37/04 (2006.01)
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(54) Animal feed composition and use thereof
(51) Int. Cl.
A23K 20/189 (2016.01)
A23K 20/195 (2016.01)
C12N 9/36 (2006.01)
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A61L 27/16 (2006.01)
A61L 27/34 (2006.01)
C08L 23/06 (2006.01)
C08L 75/04 (2006.01)
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A01N 59/12 (2006.01)
A01P 1/00 (2006.01)
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/32 (2006.01)
C07K 16/44 (2006.01)
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F16K 41/02 (2006.01)
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A61K 9/70 (2006.01)
A61K 31/155 (2006.01)
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A61L 27/18 (2006.01)
A61L 27/54 (2006.01)
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 PUTER PROGRAM FOR SYNTHESIZ-
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 SOURCE USING VARIANCE OR COV-
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H04S 7/00 (2006.01)
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H02S 50/00 (2014.01)
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E04C 2/04 (2006.01)
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G08C 17/02 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/19 (2006.01)
A61K 31/357 (2006.01)
A61K 47/10 (2017.01)
A61K 47/22 (2006.01)
A61K 47/24 (2006.01)
A61K 47/26 (2006.01)
A61K 47/44 (2017.01)

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(54) AROMATIC HETEROCYCLIC COM-
 POUND, PHARMACEUTICAL COM-
 POSITION CONTAINING SAME, AND
 USE THEREOF
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C07D 519/00 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/519 (2006.01)
A61P 11/00 (2006.01)
A61P 17/14 (2006.01)
A61P 19/02 (2006.01)
A61P 37/06 (2006.01)
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(54) Device for administering a fluid
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A61M 5/30 (2006.01)
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 SCHMIDT, Anika
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 AT LEAST ONE PUBLIC AREA WITH
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H04R 1/40 (2006.01)
H04R 27/00 (2006.01)
H04S 7/00 (2006.01)
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 AND SECURITY INSPECTION METH-
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B64F 1/36 (2017.01)

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G06Q 10/0832 (2023.01)
G06Q 50/26 (2012.01)
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(54) CONTROL METHOD FOR RESONANT DUAL ACTIVE BRIDGE CONVERSION CIRCUIT, CONTROLLER, AND CONVERTER
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H02M 3/335 (2006.01)
H02M 1/088 (2006.01)
H02M 1/32 (2007.01)
H02M 1/38 (2007.01)
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H04N 19/86 (2014.01)
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H04N 19/117 (2014.01)
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H04W 8/00 (2009.01)
H04W 12/06 (2021.01)
H04W 76/12 (2018.01)
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F28D 15/02 (2006.01)
A47K 3/28 (2006.01)
A61H 35/02 (2006.01)
F28D 20/00 (2006.01)
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H04L 45/74 (2022.01)
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
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H01F 27/30 (2006.01)
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Recycling Method Thereof
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B09B 3/30 (2022.01)
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B65G 43/08 (2006.01)
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A42B 3/08 (2006.01)
A42B 1/04 (2006.01)
A42B 7/00 (2006.01)
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A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
C07K 14/415 (2006.01)
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Signals Using Feed Forward Carrier
And Timing Recovery
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H04B 7/022 (2017.01)
H04L 1/06 (2006.01)
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C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
A61P 25/00 (2006.01)
C07K 16/18 (2006.01)
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C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
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C07C 29/152 (2006.01)
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C02F 1/56 (2006.01)
C08F 2/10 (2006.01)
C08F 2/48 (2006.01)
C08J 3/075 (2006.01)
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B28B 3/26 (2006.01)
B29C 48/30 (2019.01)
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G06T 7/55 (2017.01)
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C12G 3/06 (2006.01)
C12H 6/02 (2019.01)
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A61K 39/00 (2006.01)
A61K 38/16 (2006.01)
A61K 47/65 (2017.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C07K 7/06 (2006.01)
C07K 19/00 (2006.01)
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A61P 7/10 (2006.01)
C07K 16/40 (2006.01)
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C04B 35/03 (2006.01)
C04B 35/101 (2006.01)
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B29C 65/56 (2006.01)
B29C 39/02 (2006.01)
B29C 43/02 (2006.01)
B29C 43/04 (2006.01)
B32B 5/10 (2006.01)
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F16F 15/02 (2006.01)
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A61F 2/28 (2006.01)
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D02G 3/04 (2006.01)
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A61K 31/519 (2006.01)
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- (71) Yokogawa Electric Corporation
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 (21) 2024202829 (22) 30.04.2024
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C25B 15/027 (2021.01)
C25B 9/70 (2021.01)
G01J 5/00 (2022.01)
G01K 11/12 (2021.01)
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H10F 77/70 (2025.01)
H10F 77/10 (2025.01)
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2020229829	<u>C07D 487 /-</u>	<u>C12G 3 /-</u>	2019250202		
<u>B60W 10 /-</u>		2020287953	<u>E04B 1 /-</u>	2022440462	2022387834
	2022260863			<u>F25B 9 /-</u>	<u>G02B 1 /-</u>
2019250202	<u>C07D 519 /-</u>	<u>C12H 6 /-</u>	2024339205	2019335388	2023202040
<u>B60W 40 /-</u>	2022334383	2020287953	<u>E04B 2 /-</u>		
	2023248084			<u>F25D 17 /-</u>	<u>G02C 7 /-</u>
2019250202		<u>C12N 1 /-</u>	2024339205	2022264083	2023362699
<u>B61L 5 /-</u>	<u>C07H 1 /-</u>	2019295279	<u>E04B 5 /-</u>		
	2020374934			<u>F25D 23 /-</u>	<u>G05D 1 /-</u>
2022372656	<u>C07K 14 /-</u>	<u>C12N 15 /-</u>	2024339205	2022264083	2019250202
<u>B63B 59 /-</u>		2019295279	<u>E04C 2 /-</u>	<u>F28D 15 /-</u>	<u>G05D 13 /-</u>
	2019246415	2019333042			
2019416798	2022300553	<u>C12N 5 /-</u>	2019311104	2019348828	2019250202
<u>B64F 1 /-</u>	<u>C07K 16 /-</u>		<u>E04C 3 /-</u>	<u>F28D 20 /-</u>	<u>G05D 23 /-</u>
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<u>B65D 25 /-</u>	2018346447	2019295279	<u>E04F 11 /-</u>		
	2019254537	2022230374		<u>G01C 19 /-</u>	<u>G05D 3 /-</u>
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2020229829	<u>C07K 19 /-</u>	2019343498	2019334608	<u>G01J 5 /-</u>	2019378713
			2020247115		
<u>B65G 37 /-</u>	2020411439	<u>C12P 19 /-</u>		2024202829	<u>G06F 11 /-</u>
	<u>C07K 7 /-</u>	2020374934	<u>E21B 15 /-</u>		
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<u>B65G 43 /-</u>	2020411439	<u>C12P 21 /-</u>	2023285942	2024202829	2020290431
	2022300553		<u>E21C 35 /-</u>		2021447270
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<u>B66F 9 /-</u>	<u>C08B 37 /-</u>	<u>C12Q 1 /-</u>	2019250202		
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	2019306752			2020256438	
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<u>C01B 32 /-</u>		<u>C22B 3 /-</u>			2022294637
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2022245319	<u>C08J 3 /-</u>		<u>F04B 49 /-</u>	2019341879	
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		<u>D21H 21 /-</u>	2021462152	2024204293	
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Applications Accepted - IPC Index cont'd

<u>G08B 21 /-</u>	<u>H04R 1 /-</u>
2023387695	2022308681
<u>G08C 17 /-</u>	<u>H04R 27 /-</u>
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<u>G08G 9 /-</u>	<u>H04S 7 /-</u>
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<u>G09C 1 /-</u>	<u>H04W 12 /-</u>
2022243369	2022353768
<u>H01F 27 /-</u>	<u>H04W 64 /-</u>
2022427640	2023405444
<u>H02J 7 /-</u>	<u>H04W 76 /-</u>
2023319478	2022353768
<u>H02M 1 /-</u>	<u>H04W 8 /-</u>
2022399746	2022353768
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2022399746	2024204247
<u>H02S 30 /-</u>	<u>H05H 7 /-</u>
2024201704	2024204247
<u>H02S 50 /-</u>	<u>H05H 9 /-</u>
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<u>H04L 45 /-</u>	
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<u>H04L 51 /-</u>	
2023285771	
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2020208699	
2023248155	
2023254981	
2024200360	
<u>H04N 5 /-</u>	
2020218753	
2023202040	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2021214406 **Wisk Aero LLC** (Archer Aviation, Inc.)
2022291593 **Regeneron Pharmaceuticals, Inc.** (Condon, W.)

Opposition under Section 104(4) - Lodged

2011245080 **Boral Cement Limited** (Cement Australia Pty Limited)

Patents Granted**Standard Patents**

2017385533	2017440393	2018206231	2018210858
2018213977	2018236190	2018250336	2018263837
2018269327	2018270925	2018276322	2018279085
2018280131	2018291081	2018294532	2018312251
2018316522	2018317902	2018318982	2018319565
2018328280	2018329741	2018329948	2018330599
2018334513	2018338188	2018338986	2018351501
2018392818	2018395255	2018408336	2018410835
2018422051	2018425465	2018451574	2018453567
2019200669	2019203189	2019205491	2019207655
2019209390	2019209538	2019213482	2019218136
2019219679	2019221627	2019221823	2019223289
2019225656	2019226030	2019229455	2019230055
2019231515	2019232001	2019233807	2019235613
2019236217	2019236244	2019238197	2019241257
2019245336	2019249171	2019250859	2019252920
2019253565	2019254170	2019254934	2019261821
2019262332	2019263114	2019263254	2019264457
2019269361	2019270520	2019272356	2019273829
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2019287659	2019288560	2019289191	2019295349
2019295414	2019299422	2019299527	2019301961
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2019363812	2019365253	2019366895	2019370468
2019373895	2019376493	2019377057	2019378243
2019378251	2019378776	2019379262	2019379310
2019380266	2019382657	2019382770	2019384130
2019390863	2019391279	2019392908	2019393770
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2019412501	2019413107	2019415030	2019419371
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2020229361	2020231115	2020231201	2020232044
2020232768	2020236500	2020237918	2020239990
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2020395466	2020397894	2020399885	2020435503
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Patents Granted**Standard Patents**

2021200277	2021212310	2021224253	2021224919
2021231104	2021233025	2021234496	2021244210
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2023206153	2023206228	2023206237	2023207844
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2023263549	2023272332	2023274120	2023275706
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2024201831	2024203241	2024204532	2024217653
2024259874	2024266754	2024266961	2024287214

Innovation Patents

2020104511 2025100010

Offer to Surrender

It is hereby notified that **Taiho Pharmaceutical Co., Ltd. 1-27 Kandan-ishiiki-cho , Chiyoda-ku Tokyo 1018444** , the Patentee of Patent 2019387843 dated 29.06.2023 for an invention titled ' Therapeutic and prophylactic method for tumor treatable with endocrine therapy by combined use of fibroblast growth factor receptor inhibitor with endocrine therapy' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

2011274267 Acoustic Zoom, Inc. The patent has been assigned to **Subsea Micropiles Limited**

2014332172 K2M, Inc. The patent has been assigned to **VB SPINE US OPO LLC**

Assignments Registered

2016200443 K2M, Inc. The patent has been assigned to **VB SPINE US OPCO LLC**

2016363787 Boehringer Ingelheim International GmbH The patent has been assigned to **Ablynx N.V.**

2017202311 Howmedica Osteonics Corp. The patent has been assigned to **VB SPINE US OPCO LLC**

2017203369 Howmedica Osteonics Corp. The patent has been assigned to **VB SPINE US OPCO LLC**

2017228529 Howmedica Osteonics Corp. The patent has been assigned to **VB SPINE US OPCO LLC**

2017251734 Howmedica Osteonics Corp. The patent has been assigned to **VB SPINE US OPCO LLC**

2017392255 GUANGDONG INCUBATOR TECHNOLOGY DEVELOPMENT CO., LTD The patent has been assigned to **SHENZHEN BONTEMPO QUANTUM TECHNOLOGY CO., LTD**

2018391532 Institute of Geological and Nuclear Sciences Limited; Futter, Richard; Davidson, Ryan The patent has been assigned to **Institute of Geological and Nuclear Sciences Limited**

2019201609 K2M, Inc. The patent has been assigned to **VB SPINE US OPCO LLC**

2020260575 K2M, Inc. The patent has been assigned to **VB SPINE US OPCO LLC**

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.

2014331604 **Anylam Pharmaceuticals, Inc.; Icahn School of Medicine at Mount Sinai**

The earliest first regulatory approval date provided by the patentee 28 Nov 2023

For the goods GIVLAARI givosiran

2017227962 **Ascendis Pharma Bone Diseases A/S**

The earliest first regulatory approval date provided by the patentee 19 Feb 2025

For the goods YORVIPATH palopegteriparatide

2018203098 **Anylam Pharmaceuticals, Inc.; Icahn School of Medicine at Mount Sinai**

The earliest first regulatory approval date provided by the patentee 28 Nov 2023

For the goods GIVLAARI givosiran

2020286311 **Anylam Pharmaceuticals, Inc.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI**

The earliest first regulatory approval date provided by the patentee 28 Nov 2023

For the goods GIVLAARI givosiran

Corrigenda

In Vol 59 , No 24 , Page(s) 3426 under the heading **Amendments - Application for Amendments** Under the name Amgen Inc., Patent No. 2006322028 correct the date of the statements filed to read 06 Feb 2025 and 20 May 2025

Corrigenda

Specifications Republished

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

2019376076	Synthorx, Inc.
2021429979	PPG INDUSTRIES OHIO, INC.
2022230459	BAKER HUGHES OILFIELD OPERATIONS LLC