



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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or contact our Customer Service Network on 1300651010*

Editorial enquiries

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Country Codes

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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 25 Mar 2025 .

(71) AERO CHAMBER PTY LTD (21) 2025901088 (22) 01.04.2025 (54) Aerochamber Carbon Abatement Composting Technology	(71) Axiflux Holdings Pty Ltd (21) 2025900995 (22) 27.03.2025 (54) Electric Motor/Generator With AC-To-AC Converter	(71) Cipi, E. (21) 2025901093 (22) 01.04.2025 (54) Portable Rapid Pancreatic Cancer Screening Device – PancreasScan Lite
(71) Agriculture Victoria Services Pty Ltd; Grains Research & Development Corporation (21) 2025900972 (22) 25.03.2025 (54) APPARATUSES, SYSTEMS AND METHODS FOR DETERMINING THE QUALITY OF CROPS	(71) Baynham, N. (21) 2025900983 (22) 26.03.2025 (54) Underwear gusset	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2025901016 (22) 28.03.2025 (54) Remote Photoplethysmography
(71) Alcoa of Australia Limited (21) 2025900977 (22) 25.03.2025 (54) Treatment of Processed Bauxite	(71) Blairgowrie Developments Pty Ltd (21) 2025901009 (22) 27.03.2025 (54) Coin & Card Based EV and Electric Charging on H2/Hydrogen Small Cell portable scale	(71) CoolHed Pty Ltd (21) 2025900980 (22) 25.03.2025 (54) DEVICE AND METHOD FOR CEPHALOCERVICAL TEMPERATURE REGULATION
(71) Alpha Mining Equipment Pty Ltd (21) 2025900982 (22) 26.03.2025 (54) Antistatic Strap and Method	(71) Bluescope Steel Limited (21) 2025901003 (22) 27.03.2025 (54) MOUNTING STRIP OR SPACING STRIP FOR CLADDING SHEETS AND ASSOCIATED MOUNTING SYSTEM FOR CLADDING SHEETS	(71) Crafted Tools Pty Ltd (21) 2025901034 (22) 28.03.2025 (54) Levelling Device
(71) Andon Technology IP Pty Ltd (21) 2025901031 (22) 28.03.2025 (54) Adaptive AI Interface with Persistent Memory Architecture	(71) BreakSafe 24/7 Pty Ltd (21) 2025901002 (22) 27.03.2025 (54) BreakSafe	(71) Decarli, D.; Ibrahim, A.A. (21) 2025900999 (22) 27.03.2025 (54) ANIMAL BARRIER
(71) Archer Materials Limited (21) 2025901054 (22) 31.03.2025 (54) Carbon film structures for spin-based applications	(71) Breville Pty Limited (21) 2025901056 (22) 31.03.2025 (54) A coffee machine	(71) DISVEIL PTY LTD (21) 2025900994 (22) 27.03.2025 (54) A FULLY AUTONOMOUS ULTRASONIC IMAGING SYSTEM AND A METHOD FOR HUMAN PHYSICAL WELL-BEING ASSESSMENT AND INTELLIGENCE
(71) Auckland UniService Limited (21) 2025901006 (22) 27.03.2025 (54) Magnetic coupling structure	(71) Canopus Networks Assets Pty Ltd (21) 2025900984 (22) 26.03.2025 (54) APPARATUS AND PROCESS FOR CLASSIFYING NETWORK FLOWS OF AN ISP IN REAL-TIME	(71) Dolanto Pty Ltd (21) 2025901030 (22) 28.03.2025 (54) Systems And Methods For Verifying The Contents Of Complex-Context Documents
(71) Auckland UniServices Limited (21) 2025901007 (22) 27.03.2025 (54) CARBON FIBRE REINFORCED POLYMER STRUCTURES	(71) CCL Secure Pty Ltd (21) 2025900990 (22) 26.03.2025 (54) Security feature	(71) Donaldson, I. (21) 2025901089 (22) 01.04.2025 (54) MULTI-MODE FLYING MACHINE WITH STOPPABLE ROTORS

Provisional Applications Filed - Name Index cont'd

(71) Dovetail Electric Aviation Technology Pty Ltd
(21) 2025901091 (22) 01.04.2025
(54) Module for a battery system

(71) Dunkerley, D.
(21) 2025901020 (22) 28.03.2025
(54) AN ACCURATE AND PRECISE RAIN-FALL GAUGE HAVING NO MOVING PARTS

Dyavani, N.R. see Ubagaram, C.
(21) 2025901036

(71) Egerszegi, A.
(21) 2025900940 (22) 21.03.2025
(54) Solid State Nuclear "Breeder" Reactor Power Generation for Power Stations etc.

(71) eko calm
(21) 2025900998 (22) 27.03.2025
(54) Sensory mindfulness tool

(71) Erskine Holdco Pty Ltd
(21) 2025900975 (22) 25.03.2025
(54) Dental pin, dental pin handpiece and method

(71) Erskine Holdco Pty Ltd
(21) 2025900976 (22) 25.03.2025
(54) Transfer assembly for dispensing dental cement to a needle assembly

(71) Facet Amtech
(21) 2025901028 (22) 28.03.2025
(54) Improved process for producing ammonia

(71) Flint, C.; Olausson, N.
(21) 2025901069 (22) 31.03.2025
(54) Group Head Cleaning Device

Florey Institute of Neuroscience and Mental Health see The University of Melbourne
(21) 2025901032

(71) Fraser, G.
(21) 2025901027 (22) 28.03.2025
(54) Self-Healing Cement Additive System for Zonal Isolation in CO₂-Rich Subsurface Wells

Frederique Sunstrum see Jean Payette
(21) 2025901024

(71) Future Environments Australia
(21) 2025901046 (22) 30.03.2025
(54) The FEA Token Transforms verified ESG outcomes into a tradeable Asset class, that supports sustainable Infrastructure, strengthens Sovereign supply chains and drives global investment in Australian sustainability. By Integrating with Australia's Future Fund and positioning FEA as a globally traded ESG commodity. The Technology ensures that a better tomorrow starts today.

Garikipati, V. see Ubagaram, C.
(21) 2025901036

GLASSON, N.D. see MEIER, J.M.
(21) 2025901004

(71) Glencore Technology Pty Limited
(21) 2025901015 (22) 28.03.2025
(54) Method for reducing slag in a calcium ferrite furnace

Grains Research & Development Corporation see Agriculture Victoria Services Pty Ltd
(21) 2025900972

(71) Greentree Enterprises Pty Ltd
(21) 2025901077 (22) 31.03.2025
(54) A SYSTEM FOR CLEANING PANELS

(71) Grey 4 Blue Innovations Pty Ltd
(21) 2025901021 (22) 28.03.2025
(54) A Growth Assembly For Growing Marine Organisms

(71) HENDERSON, D.; RAJENDRAM, G.
(21) 2025900993 (22) 27.03.2025
(54) LIMING MATERIAL

(71) Hendra, H.
(21) 2025901086 (22) 31.03.2025
(54) "Modular Wireless Power and Dynamic Lighting System for Sixth-Scale Collectible Figures"

(71) Hersey, J.
(21) 2025900991 (22) 26.03.2025
(54) An Edible Capsule for Interrupting and Reducing Acute Anxiety Symptoms via Dual-Phase Ingredient Delivery Calm Strike 'Bite. Breathe. Reset.' An Edible Capsule for Interrupting and Reducing Acute Anxiety Symptoms via Dual-Phase Ingredient Delivery

(71) HOWICK LIMITED
(21) 2025901078 (22) 31.03.2025
(54) IMPROVEMENTS IN OR RELATING TO BUILDING CONSTRUCTION SYSTEMS AND COMPONENT PARTS OF OR FOR BUILDING STRUCTURES

(71) HOWICK LIMITED
(21) 2025901079 (22) 31.03.2025
(54) IMPROVEMENTS IN OR RELATING TO BUILDING CONSTRUCTION SYSTEMS AND COMPONENT PARTS OF OR FOR BUILDING STRUCTURES

(71) HOWICK LIMITED
(21) 2025901080 (22) 31.03.2025
(54) IMPROVEMENTS IN OR RELATING TO BUILDING CONSTRUCTION SYSTEMS AND COMPONENT PARTS OF OR FOR BUILDING STRUCTURES

(71) HOWICK LIMITED
(21) 2025901081 (22) 31.03.2025
(54) IMPROVEMENTS IN OR RELATING TO BUILDING CONSTRUCTION SYSTEMS AND COMPONENT PARTS OF OR FOR BUILDING STRUCTURES

(71) HOWICK LIMITED
(21) 2025901082 (22) 31.03.2025
(54) IMPROVEMENTS IN OR RELATING TO BUILDING CONSTRUCTION SYSTEMS AND COMPONENT PARTS OF OR FOR BUILDING STRUCTURES

Ibrahim, A.A. see Decarli, D.
(21) 2025900999

(71) Innotec Building Systems Pty Ltd
(21) 2025901014 (22) 28.03.2025
(54) WALL ASSEMBLY

(71) Interpack Pty Ltd
(21) 2025901022 (22) 28.03.2025
(54) Bottle cap and method of production and related apparatus

(71) James Hardie Technology Limited
(21) 2025901037 (22) 28.03.2025
(54) DECORATED SUBSTRATES WITH VISUAL DEPTH & TEXTURE EFFECTS

Jayaprakasam, B.S. see Ubagaram, C.
(21) 2025901036

(71) Jean Payette; Noelle Sunstrom; Frederique Sunstrum
(21) 2025901024 (22) 28.03.2025
(54) Medicament injection device

Provisional Applications Filed - Name Index cont'd

Kervin, B. see Kervin, B. (21) 2025901051	(71) McNikol Practicle Solutions Pty Ltd (21) 2025900985 (22) 26.03.2025 (54) Food Container Pressure-release Valve	(71) Pauly, D. (21) 2025901029 (22) 28.03.2025 (54) Sound absorber
(71) Kervin, B.; Kervin, B. (21) 2025901051 (22) 31.03.2025 (54) Temporarily Installable Pool Edge Coping Protection System	(71) MEIER, J.M.; GLASSON, N.D. (21) 2025901004 (22) 27.03.2025 (54) IMPROVED RE-LIQUEFIER SYSTEM	(71) Peters, M. (21) 2025900968 (22) 25.03.2025 (54) "Context Weaver™: Supersonic Quantum AI Security & Compliance Enforcement System"
(71) K F GROUP PTY LTD (21) 2025901005 (22) 27.03.2025 (54) Wear Sensor	(71) MOODY, P. (21) 2025901043 (22) 30.03.2025 (54) METAL DETECTOR WITH IMPROVED GROUND BALANCE	(71) Peters, M. (21) 2025901042 (22) 30.03.2025 (54) AI-Powered Negotiation & Valuation Optimization System with Adaptive AI Response Enhancement"
(71) Kleehammer, B. (21) 2025901018 (22) 28.03.2025 (54) Sprayable Composition for Temporary Preservation of Paint During Application Interruptions	(71) Morrison, M. (21) 2025901013 (22) 28.03.2025 (54) INTEGRATED SELF-PERPETUATING CULTIVATION SYSTEM WITH CLOSED-LOOP RESOURCE CYCLING	(71) Pfeiffer, K. (21) 2025901045 (22) 30.03.2025 (54) Car cup holder that can fit either a large water bottle or a milk carton (flavoured milk)
Kurunthachalam, A. see Ubagaram, C. (21) 2025901036	(71) Morrison, M. (21) 2025901050 (22) 31.03.2025 (54) PROTECTED MULTI-LAYER THERMAL MANAGEMENT SYSTEM WITH INTEGRATED MOISTURE CONTROL	(71) Phoenix Bushfire Windows & Doors Pty Ltd (21) 2025901049 (22) 31.03.2025 (54) FIRE RESISTANT FRAME
(71) LB Agtech Holdings Pty Ltd (21) 2025901068 (22) 31.03.2025 (54) A System for Monitoring Beehive Health and Method of Use Thereof	(71) Mosses, A. (21) 2025901044 (22) 30.03.2025 (54) Horizon-Driven Artificial Intelligence System Integrating Generative and De-generative Processes	(71) PREMIER STEEL TECHNOLOGIES PTY LIMITED (21) 2025901070 (22) 31.03.2025 (54) Trellis Support System and Method
(71) Licella Holdings Limited (21) 2025901066 (22) 31.03.2025 (54) A catalyst	(71) MovinAir Pty Ltd (21) 2025901087 (22) 01.04.2025 (54) Pipe saddle to support copper pair coil	(71) Project lighting and electrical pty ltd (21) 2025901008 (22) 27.03.2025 (54) Battery-Free NFC-Powered Electric Strike Access System
(71) Macquarie University (21) 2025901074 (22) 31.03.2025 (54) METHODS FOR TREATMENT	(71) NewSouth Innovations Pty Limited (21) 2025901023 (22) 28.03.2025 (54) Electrodeposited Cathodes With Tunable Stoichiometry for Batteries	RAJENDRAM, G. see HENDERSON, D. (21) 2025900993
(71) MAGNETITE MINES LIMITED (21) 2025900989 (22) 26.03.2025 (54) A METHOD FOR CATIONIC FROTH-FLOTATION IN WATERS WITH HIGH CONCENTRATIONS OF INORGANIC IONS	Noelle Sunstrom see Jean Payette (21) 2025901024	(71) Raptor Sports Pty Ltd (21) 2025901083 (22) 31.03.2025 (54) Improvements in Eyeglasses
(71) Maish, W. (21) 2025901047 (22) 31.03.2025 (54) System and Method for Telehealth Consult Compression Using Conditional Intake and Automated Clinical Outputs	(71) Number 8 Bio Holdings Pty Ltd (21) 2025901053 (22) 31.03.2025 (54) PREVENTION AND/OR TREATMENT OF RUMEN ACIDOSIS	(71) REMLI, S. (21) 2025901011 (22) 28.03.2025 (54) Gravity-Powered Energy System for Mining Operations
Mandala, R.R. see Ubagaram, C. (21) 2025901036	Olausson, N. see Flint, C. (21) 2025901069	(71) Renewable Composite Technologies (21) 2025901065 (22) 31.03.2025 (54) A METHOD AND APPARATUS FOR IMPROVING BIO-SAFETY DURING TRANSPORTATION OF WASTE MATERIAL
(71) Master Membranes Pty Ltd (21) 2025901010 (22) 27.03.2025 (54) SOLVENT-STABLE GRAPHENE-BASED MEMBRANES FOR ORGANIC SOLVENT NANOFILTRATION	(71) Olitek Robotics Innovation Pty Ltd (21) 2025901059 (22) 31.03.2025 (54) Drawpoint Feeder	(71) RITESIGN PTY LTD (21) 2025901057 (22) 31.03.2025 (54) Apparatus and Method for Cleaning a Filter

Provisional Applications Filed - Name Index cont'd

(71) Samson Coffee Group Pty Ltd
(21) 2025900992 (22) 27.03.2025
(54) APPARATUS FOR BREWING FILTER COFFEE

(71) SAR International
(21) 2025901063 (22) 31.03.2025
(54) The development of multi-layered plastic films for flexible packaging and cargo protection, leveraging advanced materials for strong, food-grade packaging solutions with excellent mechanical properties

(71) Seale, D.
(21) 2025901062 (22) 31.03.2025
(54) Cable tie assembly

(71) Sepentulevski, V.
(21) 2025901061 (22) 31.03.2025
(54) Concealed Parcel Delivery System

(71) Spray Nozzle Engineering Pty Ltd
(21) 2025900997 (22) 27.03.2025
(54) Improved Blow Off Cap and Nozzle System

(71) Stopex Pty Ltd
(21) 2025900987 (22) 26.03.2025
(54) Systems, methods and devices for underground mining

(71) Stuart, J.
(21) 2025901033 (22) 28.03.2025
(54) soft plastic lure rigging tool

(71) Studco Australia Pty Ltd
(21) 2025901058 (22) 31.03.2025
(54) IMPROVED ACOUSTIC BUILDING STUD

(71) SUB-X INVESTMENTS PTY LTD
(21) 2025901000 (22) 27.03.2025
(54) A TEMPORARY FENCE SUPPORT

(71) The University of Adelaide
(21) 2025900974 (22) 25.03.2025
(54) SALINE WATER ELECTROLYSER AND USES THEREOF

(71) The University of Melbourne; Florey Institute of Neuroscience and Mental Health
(21) 2025901032 (22) 28.03.2025
(54) Epicardial pacemaker

(71) The University of Sydney
(21) 2025901052 (22) 31.03.2025
(54) Tongue cardiogenic stem cells

(71) TICSİ PTY LTD
(21) 2025901085 (22) 31.03.2025
(54) A dome-shaped or spherical structure having an external surface coated with an inert conductive material, the structure being electrically charged to a negative potential and configured for installation atop buildings, wherein the structure is designed to passively collect airborne radioactive particles

(71) Tour 27 Pty Ltd
(21) 2025901055 (22) 31.03.2025
(54) Quantum Biogenic Resonance Coherence Detection System

(71) Tour 27 Pty Ltd
(21) 2025901060 (22) 31.03.2025
(54) Quantum Biogenic Resonance Vitality Index Algorithm

(71) Tour 27 Pty Ltd
(21) 2025901064 (22) 31.03.2025
(54) Wearable Quantum Biogenic Resonance Life Scanner

(71) Tour 27 Pty Ltd
(21) 2025901067 (22) 31.03.2025
(54) Therapeutic Quantum Biogenic Resonance Pulse Generator

(71) Tour 27 Pty Ltd
(21) 2025901072 (22) 31.03.2025
(54) Standardized Diagnostic Protocol for Determining Life and Vitality Using Quantum Biogenic Resonance

(71) TPG Telecom Limited
(21) 2025901076 (22) 31.03.2025
(54) Methods and systems for performing wireless sensing

(71) TPG Telecom Limited
(21) 2025901084 (22) 31.03.2025
(54) Methods and systems for wireless sensing

(71) TRADIA PTY LTD
(21) 2025901075 (22) 31.03.2025
(54) Digital Trade Compliance & Marketplace Platform

(71) TUFFRIDE PTY LTD
(21) 2025901026 (22) 28.03.2025
(54) Trailing Arm Suspension Systems

(71) Ubagaram, C.; Mandala, R.R.; Jayaprakasam, B.S.; Dyavani, N.R.; Garikipati, V.; Kurunthachalam, A.
(21) 2025901036 (22) 28.03.2025
(54) Adaptive Cloud Security Framework with HMAC-SHA256 Integrity Verification and Neural Network-Based Virtual Machine Selection

(71) University of Canterbury
(21) 2025900996 (22) 27.03.2025
(54) MEMBRANES, APPLICATIONS AND METHODS OF THEIR MANUFACTURE

(71) University of Canterbury
(21) 2025901017 (22) 28.03.2025
(54) AN ACTUATOR FOR A FLUID DISPENSING APPARATUS

(71) Upton, J.
(21) 2025901012 (22) 28.03.2025
(54) Accelerator-Based Modular System for the Production of Plutonium-238 for Space Applications

(71) VAVEGA, FEAGAI
(21) 2025901039 (22) 29.03.2025
(54) Pedal Pressure Indicator System for Supervisory Driving

(71) Victamax Limited
(21) 2025901019 (22) 28.03.2025
(54) Antibiofouling compositions

(71) Wardy, D.
(21) 2025901048 (22) 31.03.2025
(54) My invention takes a recently newer masonry anchor system and adds to the tip of the anchor bolt a SDS drill tip and a groove that allows dust extraction. In doing so this allows the bolt to drill the hole and and screw the bolt simultaneously and removes the use of multiple tools.

(71) Watt, P.
(21) 2025901001 (22) 27.03.2025
(54) Simplified Shoulder-Worn Anti-Slip Positional Sleep Apnea/Snoring Prevention Garment

(71) Whittingham, B.
(21) 2025901035 (22) 28.03.2025
(54) Foot Support Insoles

(71) Willowtree Holdings Pty Ltd
(21) 2025900986 (22) 26.03.2025
(54) STORAGE AND TRANSPORT CONTAINER FOR ANIMAL CARCASSES

Provisional Applications Filed - Name Index cont'd

(71) Wilson, J.
(21) 2025901038 (22) 28.03.2025
(54) Eyelash Extension System With Enhanced Filament Design

(71) Woodhouse, J.
(21) 2025901040 (22) 29.03.2025
(54) Non-Hydrostatic Zero Turn Radius and Conventional Drive System

(71) Wool Technology PTY LTD
(21) 2025900988 (22) 26.03.2025
(54) Smart Sheep Shearing Handpiece with Embedded RFID and Performance Tracking Sensors

(71) Xero Limited
(21) 2025901071 (22) 31.03.2025
(54) Systems, methods and computer program products for reconciling financial records

(71) XERO SOUTH AFRICA (PTY) LTD
(21) 2025901073 (22) 31.03.2025
(54) Methods, systems and computer program products for generating consolidated reports

(71) Zorondo, R.
(21) 2025901041 (22) 30.03.2025
(54) System and Method for Structural Resonance Analysis of Genetic Sequences Using Modular Projection

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2025900940	Egerszegi, A.	2025901039	VAVEGA, FEAGAI
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2025900972	Agriculture Victoria Services Pty Ltd; Grains Research & Development Corporation	2025901041	Zorondo, R.
2025900974	The University of Adelaide	2025901042	Peters, M.
2025900975	Erskine Holdco Pty Ltd	2025901043	MOODY, P.
2025900976	Erskine Holdco Pty Ltd	2025901044	Mosses, A.
2025900977	Alcoa of Australia Limited	2025901045	Pfeiffer, K.
2025900980	CoolHed Pty Ltd	2025901046	Future Environments Australia
2025900982	Alpha Mining Equipment Pty Ltd	2025901047	Maish, W.
2025900983	Baynham, N.	2025901048	Wardy, D.
2025900984	Canopus Networks Assets Pty Ltd	2025901049	Phoenix Bushfire Windows & Doors Pty Ltd
2025900985	McNikol Practice Solutions Pty Ltd	2025901050	Morrison, M.
2025900986	Willowtree Holdings Pty Ltd	2025901051	Kervin, B.; Kervin, B.
2025900987	Stopex Pty Ltd	2025901052	The University of Sydney
2025900988	Wool Technology PTY LTD	2025901053	Number 8 Bio Holdings Pty Ltd
2025900989	MAGNETITE MINES LIMITED	2025901054	Archer Materials Limited
2025900990	CCL Secure Pty Ltd	2025901055	Tour 27 Pty Ltd
2025900991	Hersey, J.	2025901056	Breville Pty Limited
2025900992	Samson Coffee Group Pty Ltd	2025901057	RITESIGN PTY LTD
2025900993	HENDERSON, D.; RAJENDRAM, G.	2025901058	Studco Australia Pty Ltd
2025900994	DISVEIL PTY LTD	2025901059	Olitek Robotics Innovation Pty Ltd
2025900995	Axiflux Holdings Pty Ltd	2025901060	Tour 27 Pty Ltd
2025900996	University of Canterbury	2025901061	Sepentulevski, V.
2025900997	Spray Nozzle Engineering Pty Ltd	2025901062	Seale, D.
2025900998	eko calm	2025901063	SAR International
2025900999	Decarli, D.; Ibrahim, A.A.	2025901064	Tour 27 Pty Ltd
2025901000	SUB-X INVESTMENTS PTY LTD	2025901065	Renewable Composite Technologies
2025901001	Watt, P.	2025901066	Licella Holdings Limited
2025901002	BreakSafe 24/7 Pty Ltd	2025901067	Tour 27 Pty Ltd
2025901003	Bluescope Steel Limited	2025901068	LB Agtech Holdings Pty Ltd
2025901004	MEIER, J.M.; GLASSON, N.D.	2025901069	Flint, C.; Olausson, N.
2025901005	K F GROUP PTY LTD	2025901070	PREMIER STEEL TECHNOLOGIES PTY LIMITED
2025901006	Auckland UniService Limited	2025901071	Xero Limited
2025901007	Auckland UniServices Limited	2025901072	Tour 27 Pty Ltd
2025901008	Project lighting and electrical Pty Ltd	2025901073	XERO SOUTH AFRICA (PTY) LTD
2025901009	Blairgowrie Developments Pty Ltd	2025901074	Macquarie University
2025901010	Master Membranes Pty Ltd	2025901075	TRADIA PTY LTD
2025901011	REMLI, S.	2025901076	TPG Telecom Limited
2025901012	Upton, J.	2025901077	Greentree Enterprises Pty Ltd
2025901013	Morrison, M.	2025901078	HOWICK LIMITED
2025901014	Innotec Building Systems Pty Ltd	2025901079	HOWICK LIMITED
2025901015	Glencore Technology Pty Limited	2025901080	HOWICK LIMITED
2025901016	Commonwealth Scientific and Industrial Research Organisation	2025901081	HOWICK LIMITED
2025901017	University of Canterbury	2025901082	HOWICK LIMITED
2025901018	Kleehammer, B.	2025901083	Raptor Sports Pty Ltd
2025901019	Victamax Limited	2025901084	TPG Telecom Limited
2025901020	Dunkerley, D.	2025901085	TICSI PTY LTD
2025901021	Grey 4 Blue Innovations Pty Ltd	2025901086	Hendra, H.
2025901022	Interpack Pty Ltd	2025901087	MovinAir Pty Ltd
2025901023	NewSouth Innovations Pty Limited	2025901088	AERO CHAMBER PTY LTD
2025901024	Jean Payette; Noelle Sunstrom; Frederique Sunstrom	2025901089	Donaldson, I.
2025901026	TUFFRIDE PTY LTD	2025901091	Dovetail Electric Aviation Technology Pty Ltd
2025901027	Fraser, G.	2025901093	Cipi, E.
2025901028	Facet Amtech		
2025901029	Pauly, D.		
2025901030	Dolanto Pty Ltd		
2025901031	Andon Technology IP Pty Ltd		
2025901032	The University of Melbourne; Florey Institute of Neuroscience and Mental Health		
2025901033	Stuart, J.		
2025901034	Crafted Tools Pty Ltd		
2025901035	Whittingham, B.		
2025901036	Ubagaram, C.; Mandala, R.R.; Jayaprakasam, B.S.; Dyavani, N.R.; Garikipati, V.; Kurunthachalam, A.		
2025901037	James Hardie Technology Limited		
2025901038	Wilson, J.		

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Applications listed below were processed through the Patent Office Canberra during the period ending 25 Mar 2025 .

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

(71) 10691976 Canada Ltd.
(21) 2025202161 (22) 26.03.2025
(54) HARVESTER FOR A CROP GROWTH SYSTEM

(71) ABB Schweiz AG
(21) 2025202175 (22) 26.03.2025
(54) Enhancements to laser spectroscopy modeling by measurement of hydrocarbon fuel gas compositions

(71) AbbVie Inc.
(21) 2025202299 (22) 31.03.2025
(54) Trispecific binding proteins

(71) Acer Incorporated
(21) 2025202270 (22) 31.03.2025
(54) Method and communication device for handling uplink transmission

(71) Acer Incorporated
(21) 2025202273 (22) 31.03.2025
(54) Method and communication device for handling uplink transmission

(71) Acrow Formwork & Scaffolding Pty Ltd
(21) 2025202296 (22) 31.03.2025
(54) Bracket and Screen Assembly

(71) Advanced Accelerator Applications SA
(21) 2025202231 (22) 27.03.2025
(54) Stable, concentrated radionuclide complex solutions

(71) Air Solutions Limited; Nu Cleer Systems Limited
(21) 2025202285 (22) 31.03.2025
(54) Tamper Resistant Light Assembly

(71) Align Technology, Inc.
(21) 2025202239 (22) 28.03.2025
(54) INTRAORAL3D SCANNER EMPLOYING MULTIPLE MINIATURE CAMERAS AND MULTIPLE MINIATURE PATTERN PROJECTORS

(71) Alnylam Pharmaceuticals, Inc.
(21) 2025202185 (22) 26.03.2025
(54) Modified RNA agents with reduced off-target effect

(71) AMVAC Hong Kong Limited
(21) 2025202181 (22) 26.03.2025
(54) Microfibrillated cellulose as rheology modifier in high ionic strength agricultural formulations

(71) Angel Group Co., Ltd.
(21) 2025202170 (22) 26.03.2025
(54) Management system of gaming chips and storage box

(71) Angel Group Co., Ltd.
(21) 2025202216 (22) 27.03.2025
(54) Game management system

(71) Angel Group Co., Ltd.
(21) 2025202308 (22) 01.04.2025
(54) SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES

(71) Apparent Labs, LLC
(21) 2025202251 (22) 28.03.2025
(54) Sensor-based energy management enclosure and distributed energy resource management based on sensor data

(71) Apple Inc.
(21) 2025202228 (22) 27.03.2025
(54) Systems and methods for access control

(71) Applied Medical Resources Corporation
(21) 2025202168 (22) 26.03.2025
(54) Surgical stapler having a powered handle

(71) APT R&D PTY LTD
(21) 2025202284 (22) 31.03.2025
(54) SYSTEM AND METHOD FOR DISPLAY OF EVENT INFORMATION

(71) Aristocrat Technologies, Inc.
(21) 2025202223 (22) 27.03.2025
(54) Electronic Game Systems and Methods with Multilevel Metamorphic Features

(71) Aristocrat Technologies Australia Pty Limited
(21) 2025202263 (22) 28.03.2025
(54) A GAMING SYSTEM AND A METHOD OF GAMING

(71) Artec Europe S.A.R.L.
(21) 2025202315 (22) 01.04.2025
(54) Three-dimensional scanner with data collection feedback

ARx, LLC see BioXcel Therapeutics, Inc.
(21) 2025202163

(71) Ascendis Pharma A/S
(21) 2025202221 (22) 27.03.2025
(54) Auto injector with variable plunger force

(71) ASSA ABLOY New Zealand Limited
(21) 2025202266 (22) 29.03.2025
(54) A LOCK ASSEMBLY

(71) ATNX SPV, LLC
(21) 2025202271 (22) 31.03.2025
(54) Compositions and methods for treating hyperproliferative skin disorders

(71) Australian National University
(21) 2025202323 (22) 01.04.2025
(54) A method and system for determining the location of artefacts and/or inclusions in a gemstone, mineral, or sample thereof

(71) Autex Industries Limited
(21) 2025202158 (22) 26.03.2025
(54) Recyclable Architectural Acoustic Products & Suspension Thereof

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(21) 2025202193 (22) 26.03.2025
(54) Method and device for coding/decoding image using intra prediction

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
(21) 2025202195 (22) 26.03.2025
(54) Method and device for coding/decoding image using intra prediction

Complete Applications Filed - Name Index cont'd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025202196 (22) 26.03.2025 (54) Method and device for coding/decoding image using intra prediction	(54) Device with disposable element	(54) Intraoral diagnostic device and method of using same
(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025202197 (22) 26.03.2025 (54) Method and device for coding/decoding image using intra prediction	(71) Cactus Wellhead, LLC (21) 2025202180 (22) 26.03.2025 (54) Improved wellhead systems and methods	(71) CONTAINER ROTATION SYSTEMS PTY LTD (21) 2025202306 (22) 01.04.2025 (54) A CONTAINER ROTATING DEVICE
(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2025202199 (22) 26.03.2025 (54) Method and device for coding/decoding image using intra prediction	(71) CannPal Animal Therapeutics Limited (21) 2025202176 (22) 26.03.2025 (54) Cannabinoid composition and methods of treatment using the same	(71) Cycleron Therapeutics, Inc. (21) 2025202281 (22) 31.03.2025 (54) Novel processes and intermediates for the preparation of soluble guanylate cyclase stimulators
(71) BABY COSSET PTY LTD (21) 2025202318 (22) 01.04.2025 (54) BABY HOLDING POD WITH ENHANCED SUPPORT AND PROTECTIVE ENCLOSURE	(71) Canon Kabushiki Kaisha (21) 2025202219 (22) 27.03.2025 (54) Electrophotographic image forming apparatus and cartridge	(71) Daifuku Co., Ltd. (21) 2025202286 (22) 31.03.2025 (54) ARTICLE TRANSPORT VEHICLE
(71) BioXcel Therapeutics, Inc.; ARx, LLC (21) 2025202163 (22) 26.03.2025 (54) Film formulations containing dexmedetomidine and methods of producing them	(71) Carbon Technology Holdings, LLC (21) 2025202206 (22) 27.03.2025 (54) Biogenic porous carbon silicon dioxide compositions and methods of making and using same	(71) Daikin Industries, Ltd. (21) 2025202215 (22) 27.03.2025 (54) Air conditioner
(71) Bluebeam, Inc. (21) 2025202225 (22) 27.03.2025 (54) Systems and methods for synchronizing graphical displays across devices	(71) Chengdu Hanova BioSciences Co., Ltd (21) 2025202300 (22) 31.03.2025 (54) CHIRAL ISOMERIC SULFITE COMPOUND AND APPLICATION THEREOF	(71) Davis, E. (21) 2025202303 (22) 31.03.2025 (54) Adjustable and Telescopic Cat Gate System with Transparent Net Barrier
(71) Blue Laser Fusion, Inc. (21) 2025202229 (22) 27.03.2025 (54) OPTICAL ENHANCEMENT CAVITY WITH A CAVITY DUMPER DEVICE USING AN ACOUSTIC WAVE	(71) Chung, M.C.; Duquilla, R. (21) 2025202265 (22) 29.03.2025 (54) Integration of Artificial Intelligence on Interactive Sex Toys Systems	(71) Deere & Company (21) 2025202244 (22) 28.03.2025 (54) FAN SUPPORT ARM
(71) Blue River Technology Inc. (21) 2025202174 (22) 26.03.2025 (54) DYNAMIC GENERATION OF EXPERIMENTAL TREATMENT PLANS	(71) Clextral (21) 2025202167 (22) 26.03.2025 (54) Die for Extruding a Material Rich in Proteins and Water, and System for Continuously Preparing an Extruded Food Product, Comprising Such a Die	(71) DIGIPAL SOLUTIONS ISRAEL LTD. (21) 2025202276 (22) 31.03.2025 (54) Plastic Pallet with Bidirectional Intersecting Reinforcing Elements and Corresponding Manufacturing Methods
(71) Bonafide Health, LLC d/b/a Uqora (21) 2025202209 (22) 27.03.2025 (54) A gel and a suppository and methods to provide the gel and suppository	(71) CLIFTON DEVELOPMENT AND DESIGNS PTY LTD (21) 2025202311 (22) 01.04.2025 (54) Carrier for Transferring Loads Across a Corrugated Surface	(71) Dometic Sweden AB (21) 2025202208 (22) 27.03.2025 (54) Mobile cooling box with ice maker
(71) Bristol-Myers Squibb Company (21) 2025202283 (22) 31.03.2025 (54) COMPOSITIONS COMPRISING A COMBINATION OF AN ANTI-LAG-3 ANTIBODY, A PD-1 PATHWAY INHIBITOR, AND AN IMMUNOTHERAPEUTIC AGENT	(71) Clinicomp International, Inc. (21) 2025202147 (22) 25.03.2025 (54) Method and system for adapting programs for interoperability and adapters therefor	Duquilla, R. see Chung, M.C. (21) 2025202265
(71) Bruin Biometrics, LLC (21) 2025202278 (22) 31.03.2025	(71) CoCreation Grass Co., Ltd. (21) 2025202274 (22) 31.03.2025 (54) Polyolefin recyclable artificial turf and its use in statues	(71) Edwards Lifesciences Corporation (21) 2025202189 (22) 26.03.2025 (54) Heart valve sealing devices, delivery devices therefor, and retrieval devices
	(71) Colgate-Palmolive Company (21) 2025202257 (22) 28.03.2025	(71) Edwards Lifesciences Corporation (21) 2025202243 (22) 28.03.2025 (54) Native valve repair devices and procedures
		(71) Elmer's Welding & Manufacturing Ltd. (21) 2025202210 (22) 27.03.2025 (54) COMMUNICATION SYSTEM BETWEEN GRAIN HANDLING EQUIPMENT AND GRAIN MIXING SYSTEM

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AND METHOD OF USE THEREOF TO
ACHIEVE TARGET GRAIN PARAMET-
ER

(71) Eve Energy Storage Co., Ltd
(21) 2025202226 (22) 27.03.2025
(54) ENERGY STORAGE CONTAINER

(71) Everseen Limited
(21) 2025202160 (22) 26.03.2025
(54) SYSTEM AND METHOD FOR PRO-
CESS OPTIMIZATION IN AN OPERA-
TIONAL ENVIRONMENT USING ARTI-
FICIAL INTELLIGENCE

(71) FEI Company
(21) 2025202207 (22) 27.03.2025
(54) Automatic correction of energy depend-
ent defocus in particle beam systems
due to a configuration change

(71) FILTRUM IP PTY LTD
(21) 2025202186 (22) 26.03.2025
(54) Method for Producing Biodegradable
Polyester Filament with Enhanced Bio-
degradation Characteristics

(71) Fisher & Paykel Healthcare Limited
(21) 2025202279 (22) 31.03.2025
(54) Humidification chamber and apparatus
and systems including or configured to
include said chamber

(71) FISHER & PAYKEL HEALTHCARE
LIMITED
(21) 2025202177 (22) 26.03.2025
(54) MEDICAL TUBES FOR BREATHING
CIRCUIT

(71) Franz Kaldewei GmbH & Co. KG
(21) 2025202179 (22) 26.03.2025
(54) Sanitary fixture and method for produ-
cing a sanitary fixture

(71) Franz Kaldewei GmbH & Co. KG
(21) 2025202187 (22) 26.03.2025
(54) Sanitary fixture and method for produ-
cing a sanitary fixture

(71) Fraunhofer-Gesellschaft zur Foerder-
ung der angewandten Forschung e.V.
(21) 2025202309 (22) 01.04.2025
(54) Trustworthiness of video data streams

(71) FuelGuzzlaPTYLTD
(21) 2025202157 (22) 25.03.2025
(54) Four Point Enclosed Magnetic Mount-
ing System For Towel

(71) Fugro N.V.
(21) 2025202214 (22) 27.03.2025
(54) Systems and methods for finding and
sampling hydrocarbons in water

(71) Globeride, Inc.
(21) 2025202178 (22) 26.03.2025
(54) FISHING REEL

(71) Gregg Drilling, LLC
(21) 2025202254 (22) 28.03.2025
(54) Geotechnical rig systems and methods

(71) Gun Vise LLC
(21) 2025202201 (22) 26.03.2025
(54) GUN VISE AND METHODS OF USE

(71) HANSON, M.
(21) 2025202233 (22) 27.03.2025
(54) Dental Matrix

(71) Hanwha Azdel, Inc.
(21) 2025202316 (22) 01.04.2025
(54) COMPOSITE ARTICLES INCLUDING
TEXTURED FILMS AND FURNITURE
ARTICLES INCLUDING THEM

(71) Hemanext Inc.
(21) 2025202238 (22) 28.03.2025
(54) ANAEROBIC BLOOD STORAGE CON-
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(71) Hou, X.
(21) 2025202325 (22) 01.04.2025
(54) Green Ionic Self#Assembly and Mo-
lecular Recognition Method for Fabric-
ation of Polymeric Chitosan Nanoma-
terial and its Application for Active Mo-
lecule Delivery

(71) Huawei Technologies Co., Ltd.
(21) 2025202252 (22) 28.03.2025
(54) SERVICE INDICATION METHOD AND
APPARATUS

(71) Ignite Orthopedics LLC
(21) 2025202183 (22) 26.03.2025
(54) Bone reamer and methods of use

(71) Illinois Tool Works Inc.
(21) 2025202288 (22) 31.03.2025
(54) Self-drilling anchor assembly

(71) Immunomedics, Inc.
(21) 2025202230 (22) 27.03.2025
(54) Biomarkers for sacituzumab govitecan
therapy

(71) Institute of Biophysics, Chinese
Academy of Sciences
(21) 2025202298 (22) 31.03.2025
(54) Construction and application of fusion
protein vaccine platform

(71) Insulet Corporation
(21) 2025202313 (22) 01.04.2025
(54) Wearable micro-dosing drug delivery
device

(71) Intuit Inc.
(21) 2025202143 (22) 25.03.2025
(54) Architecture and training method for
multimodal content moderation model

(71) Intuit Inc.
(21) 2025202159 (22) 26.03.2025
(54) Generalized validation framework for
retrieval augmented generation (RAG)

(71) Intuit Inc.
(21) 2025202277 (22) 31.03.2025
(54) Adaptive content management to gen-
erate insights on the fly with rich native
UI experiences

(71) Intuit Inc.
(21) 2025202289 (22) 31.03.2025
(54) Method for labeling language data
structures using language model

(71) Intuit Inc.
(21) 2025202290 (22) 31.03.2025
(54) User interface element level context
population for large language models
insight generation

(71) Ipsen Biopharm Limited
(21) 2025202320 (22) 01.04.2025
(54) Treatment of autonomic disorders with
botulinum toxin

(71) Janssen Pharmaceutica NV
(21) 2025202261 (22) 28.03.2025
(54) Rapamycin analogs and uses thereof

(71) Jetoptera, Inc.
(21) 2025202280 (22) 31.03.2025
(54) Combination Compressed-Fluid Ejector
and Propeller Propulsion System

(71) JK-Holding GMBH
(21) 2025202272 (22) 31.03.2025
(54) Use of cannabinoids in therapy and
well-being apparatuses

(71) KPR U.S., LLC
(21) 2025202184 (22) 26.03.2025

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(54) CASSETTE FOR A FLOW CONTROL APPARATUS

(71) Kunming University of Science and Technology

(21) 2025202302 **(22)** 31.03.2025

(54) METHOD FOR ENHANCING HEAT TRANSFER THROUGH CO-PYROLYSIS OF HIGH-TEMPERATURE SMELTING SLAG AND BIOMASS

(71) Laccoo Outdoors, LLC

(21) 2025202249 **(22)** 28.03.2025

(54) A SUBFLOOR SYSTEM AND METHODS OF CONSTRUCTION THEREOF

(71) Largan Precision Co., Ltd.

(21) 2025202145 **(22)** 25.03.2025

(54) Composition, Anode And Battery

(71) Lightcast Discovery Ltd

(21) 2025202294 **(22)** 31.03.2025

(54) Microdroplet manipulation device

(71) LINMODULAR PTY LTD

(21) 2025202304 **(22)** 31.03.2025

(54) AN ADJUSTABLE STRUCTURAL SYSTEM WITH INTEGRATED STANDARDISED COMPONENT MODULES OF INDUSTRIALISED PRODUCTION AND WAREHOUSING DISTRIBUTION

(71) LLSG Investments Pty Ltd

(21) 2025202211 **(22)** 27.03.2025

(54) EMISSIONS CAPTURE APPARATUS AND METHOD

(71) LONGI GREEN ENERGY TECHNOLOGY CO., LTD.

(21) 2025202222 **(22)** 27.03.2025

(54) SOLAR CELL AND PHOTOVOLTAIC MODULE

(71) LS Cable & System Ltd.

(21) 2025202224 **(22)** 27.03.2025

(54) Coaxial cable assembly for damage prevention

(71) Mahindra & Mahindra Limited

(21) 2025202212 **(22)** 27.03.2025

(54) A body frame of a vehicle

(71) Mahindra & Mahindra Limited

(21) 2025202295 **(22)** 31.03.2025

(54) A FRONT PILLAR FOR A VEHICLE

(71) Markey, D.

(21) 2025202256 **(22)** 28.03.2025

(54) Ergonomic control system for bicycles and electronic devices

(71) Meng, Q.

(21) 2025202269 **(22)** 30.03.2025

(54) Modular Assembly Building System

(71) Mor Designs Ltd.

(21) 2025202282 **(22)** 31.03.2025

(54) COOKING TRAY AND COOKING UTENSIL

(71) MOYANO TELSA SISTEMAS RADIANTE Y DE TELECOMUNICACIONES, S.A.

(21) 2025202162 **(22)** 26.03.2025

(54) Camouflage structure for multi-sector 2G+3G+4G+5G antennas

(71) MP Hydro Pty Limited

(21) 2025202250 **(22)** 28.03.2025

(54) Bathing vessel

(71) Ningbo Baby First Baby Products Co., Ltd.

(21) 2025202237 **(22)** 28.03.2025

(54) Manual rotation structure, method, and child safety seat for electric rotating chairs

(71) NKT HV Cables AB

(21) 2025202275 **(22)** 31.03.2025

(54) Power cable accessory assembly

Nu Cleer Systems Limited see Air Solutions Limited

(21) 2025202285

(71) Ohly GmbH

(21) 2025202292 **(22)** 31.03.2025

(54) Functional yeast protein concentrate

(71) PAYPAL, INC.

(21) 2025202150 **(22)** 25.03.2025

(54) Systems and methods for managing electronic transactions

(71) PENG, S.

(21) 2025202246 **(22)** 28.03.2025

(54) Connector capable of converting marine navigation light to charging equipment

(71) Precision Planting LLC

(21) 2025202172 **(22)** 26.03.2025

(54) Soil analysis compositions and methods

(71) Precision Planting LLC

(21) 2025202190 **(22)** 26.03.2025

(54) Soil analysis compositions and methods

(71) Precision Planting LLC

(21) 2025202194 **(22)** 26.03.2025

(54) Soil analysis compositions and methods

(71) Precision Planting LLC

(21) 2025202198 **(22)** 26.03.2025

(54) Soil analysis compositions and methods

(71) Precision Planting LLC

(21) 2025202202 **(22)** 26.03.2025

(54) Soil analysis compositions and methods

(71) Precision Planting LLC

(21) 2025202203 **(22)** 26.03.2025

(54) Soil analysis compositions and methods

(71) Project Engineering (WA) Pty Ltd

(21) 2025202234 **(22)** 27.03.2025

(54) COMBINATION VALVE FOR INJECTION AND ABSTRACTION

(71) RE-LID Engineering AG

(21) 2025202247 **(22)** 28.03.2025

(54) Closure system for beverage cans

(71) ResMed Pty Ltd

(21) 2025202171 **(22)** 26.03.2025

(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

(71) ResMed Pty Ltd

(21) 2025202258 **(22)** 28.03.2025

(54) MASK SYSTEM

(71) Risklens, LLC

(21) 2025202245 **(22)** 28.03.2025

(54) SYSTEMS AND METHODS FOR MONITORING AND CORRECTING COMPUTER SYSTEM SECURITY PRACTICES

(71) Rowe Management Pty Ltd

(21) 2025202267 **(22)** 30.03.2025

(54) Compressed Air Surfactant (CAS) Fire Suppression System

(71) Sage Products, LLC

(21) 2025202200 **(22)** 26.03.2025

(54) Oral care system

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(71) Sage Products, LLC
(21) 2025202312 (22) 01.04.2025
(54) Devices and methods for urine collection

(71) Samsonite IP Holdings S.à r.l.
(21) 2025202264 (22) 28.03.2025
(54) INTEGRAL INNER RIM FOR INJECTION MOULDED HARD-SIDED LUGGAGE CASES

(71) Sapreme Technologies B.V.
(21) 2025202242 (22) 28.03.2025
(54) Biologically active cluster of molecules

(71) Scafclad Pty Ltd As Trustee For The SJ & DY Eade Family Trust, DRE Sitemax Pty Ltd As Trustee For DRE Sitemax Trust, JD Sitemax Pty Ltd As Trustee For JD Sitemax Trust And ML Sitemax Pty Ltd As Trustee For ML Sitemax Trust
(21) 2025202317 (22) 01.04.2025
(54) A SAFETY MESH AND ATTACHMENT SYSTEM

(71) SeedMaster Manufacturing Ltd.
(21) 2025202140 (22) 25.03.2025
(54) Furrow opener trip shock absorber

(71) Serum Institute of India Private Limited
(21) 2025202268 (22) 30.03.2025
(54) Saccharide Coupled Microsphere, Methods of Preparation & Applications Thereof

(71) Sethi, M.
(21) 2025202204 (22) 26.03.2025
(54) SYSTEM AND METHOD FOR ACCURATE ELECTRODE SITE MEASUREMENT ON BODY SURFACES, INCLUDING SITES NOT VISIBLE TO LIDAR, USING CALIBRATED TACTILE PROBES AND MOTION COMPENSATION

(71) Shanghai Yuhao Household Appliance Manufacturing Co., Ltd
(21) 2025202255 (22) 28.03.2025
(54) LID WITH SUPPLEMENTS DISCHARGE ARRANGEMENT FOR BEVERAGE CONTAINER

(71) Siemens Mobility, Inc.
(21) 2025202191 (22) 26.03.2025
(54) Providing auto-calibration of accelerometer and/or hall-sense position counter in a crossing gate mechanism

(71) Siemens Mobility, Inc.
(21) 2025202192 (22) 26.03.2025

(54) Devices and methods for controlling a railroad crossing gate mechanism

(71) Smeg S.p.A.
(21) 2025202235 (22) 28.03.2025
(54) ELECTRIC BARBECUE, IN PARTICULAR BUILT-IN OR TABLETOP ELECTRIC BARBECUE SUITABLE FOR INDOORS OR OUTDOORS USE

(71) Snap Inc.
(21) 2025202324 (22) 01.04.2025
(54) Optical arrangement for a display

(71) Softbank Corp.
(21) 2025202248 (22) 28.03.2025
(54) Communication system, controller, program, and information processing method

(71) Spark Biomedical, Inc.
(21) 2025202307 (22) 01.04.2025
(54) Systems and methods for delivering therapy using an auricular stimulation device

(71) TAISHO SKY BUILDING, INC.
(21) 2025202240 (22) 28.03.2025
(54) Building monitoring system

(71) TAISHO SKY BUILDING, INC.
(21) 2025202241 (22) 28.03.2025
(54) Information processing device, and building monitoring system comprising same

(71) Telefonaktiebolaget LM Ericsson (PUBL)
(21) 2025202182 (22) 26.03.2025
(54) SEMI-PERSISTENT CSI FEEDBACK OVER PUSCH

(71) Tencent America LLC
(21) 2025202144 (22) 25.03.2025
(54) METHOD FOR ALIGNMENT ACROSS LAYERS IN CODED VIDEO STREAM

(71) The Boeing Company
(21) 2025202164 (22) 26.03.2025
(54) High temperature conductive elastomers and methods thereof

(71) The Boeing Company
(21) 2025202165 (22) 26.03.2025
(54) Chrome-free corrosion resistant sol-gel conversion coatings

(71) The Boeing Company
(21) 2025202173 (22) 26.03.2025
(54) Lift systems and methods

(71) The Boeing Company
(21) 2025202253 (22) 28.03.2025
(54) Aircraft turbulence notification system and method

(71) The NOCO Company
(21) 2025202260 (22) 28.03.2025
(54) A rechargeable jump starting device having a highly electrically conductive cable connecting device

(71) Toddy Tech, LLC
(21) 2025202291 (22) 31.03.2025
(54) Beverage container lid with reservoir and repetitive measuring and disbursement mechanism

(71) Transluminal Systems, LLC
(21) 2025202287 (22) 31.03.2025
(54) Systems and methods for perfusing tissue distal to an arterial occlusion

(71) Trisco ICAP Pty Ltd
(21) 2025202217 (22) 27.03.2025
(54) An ingredient

(71) Trisco ICAP Pty Ltd
(21) 2025202218 (22) 27.03.2025
(54) An ingredient

(71) Umano Medical Inc.
(21) 2025202227 (22) 27.03.2025
(54) SUPPORT SURFACE HAVING A SLEEVE FOR AN X-RAY CASSETTE

(71) UPL LIMITED
(21) 2025202305 (22) 01.04.2025
(54) CRYSTALLINE FORM OF L-GLUFOSINATE AMMONIUM SALT AND PROCESS FOR PRODUCTION THEREOF

(71) Vdyne Inc.
(21) 2025202301 (22) 31.03.2025
(54) TRANSCATHETER DELIVERABLE PROSTHETIC HEART VALVES AND METHODS OF DELIVERY

(71) Vermipure Pty Ltd
(21) 2025202259 (22) 28.03.2025
(54) USE OF VERMICAST-DERIVED COMPOSITIONS FOR GUT HEALTH SUPPORT IN ANIMALS AND HUMANS

(71) VERSITECH LIMITED
(21) 2025202293 (22) 31.03.2025
(54) COUPLING JOINTS ON TUBULAR SPIRALLING LOOPS OF A STEERABLE ARM FOR AN ENDOSCOPE INSTRUMENT CHANNEL

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(71) VMC Patent Inc.
(21) 2025202297 (22) 31.03.2025
(54) Flow metering devices, systems, and methods

(71) Wesbeam Pty Ltd
(21) 2025202310 (22) 01.04.2025
(54) Flitch beam, assembly and method of manufacture

(71) White Swell Medical Ltd
(21) 2025202220 (22) 27.03.2025
(54) Systems and methods for reducing pressure at an outflow of a duct

(71) Wiremarkers Smartmark Pty Ltd
(21) 2025202166 (22) 26.03.2025
(54) A TAG STORAGE ASSEMBLY

(71) Wisk Aero LLC
(21) 2025202213 (22) 27.03.2025
(54) Combined fan and motor

(71) WONDERLAND SWITZERLAND AG
(21) 2025202321 (22) 01.04.2025
(54) HEADREST COVER FOR CHILD RESTRAINT SYSTEM AND CHILD RESTRAINT SYSTEM

(71) Xilio Development, Inc.
(21) 2025202232 (22) 27.03.2025
(54) Masked cytokine polypeptides

(71) ZHEJIANG HUAYOU COBALT CO., LTD.
(21) 2025202169 (22) 26.03.2025
(54) METHOD FOR PREPARING HIGH-PRESSURE LEACHING SOLUTION AND METHOD FOR PREPARING NICKEL COBALT HYDROXIDE

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2025202163	BioXcel Therapeutics, Inc.; ARx, LLC	2025202232	Xilio Development, Inc.
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2025202174	Blue River Technology Inc.	2025202244	Deere & Company
2025202175	ABB Schweiz AG	2025202245	Risklens, LLC
2025202176	CannPal Animal Therapeutics Limited	2025202246	PENG, S.
2025202177	FISHER & PAYKEL HEALTHCARE LIMITED	2025202247	RE-LID Engineering AG
2025202178	Globeride, Inc.	2025202248	Softbank Corp.
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2025202180	Cactus Wellhead, LLC	2025202250	MP Hydro Pty Limited
2025202181	AMVAC Hong Kong Limited	2025202251	Apparent Labs, LLC
2025202182	Telefonaktiebolaget LM Ericsson (PUBL)	2025202252	Huawei Technologies Co., Ltd.
2025202183	Ignite Orthopedics LLC	2025202253	The Boeing Company
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2025202187	Franz Kaldewei GmbH & Co. KG	2025202257	Colgate-Palmolive Company
2025202189	Edwards Lifesciences Corporation	2025202258	ResMed Pty Ltd
2025202190	Precision Planting LLC	2025202259	Vermipure Pty Ltd
2025202191	Siemens Mobility, Inc.	2025202260	The NOCO Company
2025202192	Siemens Mobility, Inc.	2025202261	Janssen Pharmaceutica NV
2025202193	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.	2025202263	Aristocrat Technologies Australia Pty Limited
2025202194	Precision Planting LLC	2025202264	Samsonite IP Holdings S.à r.l.
2025202195	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.	2025202265	Chung, M.C.; Duquilla, R.
2025202196	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.	2025202266	ASSA ABLOY New Zealand Limited
2025202197	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.	2025202267	Rowe Management Pty Ltd
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2025202201	Gun Vise LLC	2025202271	ATNX SPV, LLC
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2025202203	Precision Planting LLC	2025202273	Acer Incorporated
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2025202207	FEI Company	2025202276	DIGIPAL SOLUTIONS ISRAEL LTD.
2025202208	Dometic Sweden AB	2025202277	Intuit Inc.
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2025202210	Elmer's Welding & Manufacturing Ltd.	2025202279	Fisher & Paykel Healthcare Limited
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2025202213	Wisk Aero LLC	2025202282	Mor Designs Ltd.
2025202214	Fugro N.V.	2025202283	Bristol-Myers Squibb Company
2025202215	Daikin Industries, Ltd.	2025202284	APT R&D PTY LTD
2025202216	Angel Group Co., Ltd.	2025202285	Air Solutions Limited; Nu Cleer Systems Limited
2025202217	Trisco ICAP Pty Ltd	2025202286	Daifuku Co., Ltd.
2025202218	Trisco ICAP Pty Ltd	2025202287	Transluminal Systems, LLC
2025202219	Canon Kabushiki Kaisha	2025202288	Illinois Tool Works Inc.

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2025202289	Intuit Inc.
2025202290	Intuit Inc.
2025202291	Toddy Tech, LLC
2025202292	Ohly GmbH
2025202293	VERSITECH LIMITED
2025202294	Lightcast Discovery Ltd
2025202295	Mahindra & Mahindra Limited
2025202296	Acrow Formwork & Scaffolding Pty Ltd
2025202297	VMC Patent Inc.
2025202298	Institute of Biophysics, Chinese Academy of Sciences
2025202299	AbbVie Inc.
2025202300	Chengdu Hanova BioSciences Co., Ltd
2025202301	Vdyne Inc.
2025202302	Kunming University of Science and Technology
2025202303	Davis, E.
2025202304	LINMODULAR PTY LTD
2025202305	UPL LIMITED
2025202306	CONTAINER ROTATION SYSTEMS PTY LTD
2025202307	Spark Biomedical, Inc.
2025202308	Angel Group Co., Ltd.
2025202309	Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
2025202310	Wesbeam Pty Ltd
2025202311	CLIFTON DEVELOPMENT AND DESIGNS PTY LTD
2025202312	Sage Products, LLC
2025202313	Insulet Corporation
2025202315	Artec Europe S.A.R.L.
2025202316	Hanwha Azdel, Inc.
2025202317	Scafclad Pty Ltd As Trustee For The SJ & DY Eade Family Trust, DRE Sitemax Pty Ltd As Trustee For DRE Sitemax Trust, JD Sitemax Pty Ltd As Trustee For JD Sitemax Trust And ML Sitemax Pty Ltd As Trustee For ML Sitemax Trust
2025202318	BABY COSSET PTY LTD
2025202320	Ipsen Biopharm Limited
2025202321	WONDERLAND SWITZERLAND AG
2025202323	Australian National University
2025202324	Snap Inc.
2025202325	Hou, X.

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
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N	Applications not Open to Public Inspection

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2007203233 (14)	2007295178 (14)	2007295179 (14)
2007295846 (14)	2007295903 (14)	2007295942 (14)
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Assignments before Grant, Section 113

2018

2018379410 Willow Biosciences Inc. The application has been assigned to **Antheia, Inc.**

2019

2019339260 Lung Therapeutics, LLC The application has been assigned to **Rein Therapeutics, Inc.**

2019343086 Wool Research Organisation of New Zealand Incorporated; SALEH, Mirshahin Seyed The application has been assigned to **WOOL RESEARCH ORGANISATION OF NEW ZEALAND INCORPORATED**

2019418319 Kineta Chronic Pain, LLC The application has been assigned to **Pacira Pharmaceuticals, Inc.**

2020

2020284736 Elgan Pharma Ltd The application has been assigned to **Nano-Neo Ltd.**

2020286350 Fattouche, Michel The application has been assigned to **Fattouche, Michel**

2020287918 Nomad Bioscience GmbH; UAB Nomads The application has been assigned to **Nomad Bioscience GmbH**

2020289191 BASF SE; thyssenkrupp AG; thyssenkrupp Industrial Solutions AG The application has been assigned to **thyssenkrupp Uhde GmbH; BASF SE; thyssenkrupp AG**

2021

2021391643 LOCANABIO, INC. The application has been assigned to **ASTELLAS GENE THERAPIES, INC.**

Assignments before Grant, Section 113

2021391645 LOCANABIO, INC. The application has been assigned to **ASTELLAS GENE THERAPIES, INC.**

2021401298 HELEN OF TROY LIMITED The application has been assigned to **Kaz Europe Sàrl**

2022

2022223396 HELEN OF TROY LIMITED The application has been assigned to **Kaz Europe Sàrl**

2022226999 Lung Therapeutics, LLC The application has been assigned to **Rein Therapeutics, Inc.**

2022259816 DOSE Medical Corporation The application has been assigned to **Glaukos Corporation**

2022267160 ASTELLAS PHARMA INC. The application has been assigned to **NICO THERAPEUTICS, INC.**

2022320738 MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.; UNIVERSITÄT HEIDELBERG The application has been assigned to **Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.**

2022349023 HELEN OF TROY LIMITED The application has been assigned to **Kaz Europe Sàrl**

2022447730 XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD. The application has been assigned to **Hithium Tech HK Limited**

2022459564 XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD. The application has been assigned to **Hithium Tech HK Limited**

2022463049 XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD. The application has been assigned to **Hithium Tech HK Limited**

2023

2023214307 Syros Pharmaceuticals, Inc. The application has been assigned to **Quetzal Therapeutics, LLC**

2023265634 RIMAT ADVANCED TECHNOLOGIES LTD The application has been assigned to **PLASAN SASA Ltd.**

2023270343 Dose Medical Corporation The application has been assigned to **Glaukos Corporation**

2023278087 Shenzhen Hithium Energy Storage Technology Co., Ltd.; Xiamen Hithium Energy Storage Technology Co., Ltd. The application has been assigned to **Hithium Tech HK Limited**

2023286001 XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD. The application has been assigned to **Hithium Tech HK Limited**

Assignments before Grant, Section 113

2023336611 **BOEHRINGER INGELHEIM INTERNATIONAL GMBH; MEDIZINISCHE HOCHSCHULE HANNOVER** The application has been assigned to **Boehringer Ingelheim International GmbH**

2024

2024211007 **Janczyk, Adam** The application has been assigned to **Mobile Power Trailers Pty Ltd**

2024901748 **CORAY, DALE** The application has been assigned to **CORAY, CELINE; CORAY, DALE**

2024902406 **Eltom, Mark** The application has been assigned to **Reactory Limited**

2024902884 **IDAMCO AUSTRALIA PTY LTD** The application has been assigned to **IDAMCO IP PTY LTD**

2024902885 **IDAMCO AUSTRALIA PTY LTD** The application has been assigned to **IDAMCO IP PTY LTD**

2025

2025201450 **ELTOM, Mark Andrew Maggio** The application has been assigned to **Reactory Limited**

2025201563 **The Schepens Eye Research Institute, Inc.** The application has been assigned to **Massachusetts Eye and Ear Infirmary**

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.

2013

2013213708 **DCA Cities Holdings Pty Ltd** An application to extend the time from 22 Aug 2024 to 22 Mar 2025 in which to pay a renewal fee has been filed . Address for service - Orian Group Pty Ltd Off 11 L 6 30 Convention Centre Pl South Wharf VIC 3006 AU

2016

2016302254 **ENB Therapeutics, Inc.** An application to extend the time from 03 Aug 2024 to 03 Mar 2025 in which to pay a renewal fee has been filed . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2019

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

2019289248 **AGGARWAL, R.** An application to extend the time from 17 Jun 2024 to 17 Feb 2025 in which to pay a renewal fee has been filed . Address for service - Raven IP PO Box 391 VARSITY LAKES QLD 4227 AU

Extensions of Time, Section 223

2020

2020101146 **MAYNARD, A.** An application to extend the time from 25 Jun 2024 to 25 Feb 2025 in which to pay a renewal fee has been filed . Address for service - Alan William MAYNARD PO BOX 1122 NORTH HAVEN SA 5018 AU

2020272668 **DNA TWOPOINTO INC.** An application to extend the time from 07 Apr 2024 to 07 Mar 2025 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2023

2023258413 **IP Key Pty Ltd** An application to extend the time from 27 Jul 2024 to 27 Mar 2025 in which to pay a continuation fee has been filed . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2024

2024203881 **Christopher Vandecar** An application to extend the time from 12 Aug 2024 to 12 Feb 2025 in which to request examination has been filed . Address for service - FB Rice Pty Ltd Level 29 126 Phillip Street Sydney NSW 2000 AU

Applications Allowed - Section 223(2)

2014

2014208941 **DEN AUTOMATION LIMITED** The time in which to pay a renewal fee has been extended to 27 Oct 2024 . Address for service - Fraser Old & Sohn PO Box 560 MILSONS POINT NSW 1565 AU

2015

2015324749 **OCRI b.v.** The time in which to pay a renewal fee has been extended to 02 Aug 2024 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2021

2021225851 **Atea Pharmaceuticals, Inc.** The time in which to request examination has been extended to 03 Apr 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2023

2023100026 **Milwaukee Electric Tool Corporation** The time in which to pay a renewal fee has been extended to 09 Dec 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Amendments

Applications for Amendment

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

Amendments

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.

2008

2008203349 Incoming telephone call management for a portable multifunction device **Apple Inc.** The nature of the amendment is: To add co-inventors HERZ, Scott M. and MATAS, Michael J. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2011

2011244866 Incoming telephone call management for a portable multifunction device with touch screen display **Apple Inc.** The nature of the amendment is: To add co-inventors HERZ, Scott M. and MATAS, Michael J. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2011245080 Low CO₂ cement **Boral Cement Limited** The nature of the amendment is as shown in the statement(s) filed 05 Mar 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015202221 Incoming telephone call management for a portable multifunction device with touch screen display **Apple Inc.** The nature of the amendment is: To add co-inventors HERZ, Scott M. and MATAS, Michael J. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2016

2016269522 Incoming telephone call management for a portable multifunction device with touch screen display **Apple Inc.** The nature of the amendment is: To add co-inventors HERZ, Scott M. and MATAS, Michael J. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2018

2018361561 Method for expansion of lymphocytes **Ludwig Institute for Cancer Research Ltd** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2025 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019

2019202688 Incoming telephone call management for a portable multifunction device with touch screen display **Apple Inc.** The nature of the amendment is: To add co-inventors HERZ, Scott M. and MATAS, Michael J. . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2019323828 Energy storage plant and process **Energy Dome S.p.A.** The nature of the amendment is as shown in the statement(s) filed 21 Mar 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019342903 Conjugated polymers including an indacen-4-one derivative, procedure for their preparation and photovoltaic devices comprising the same **ENI S.p.A.** The nature of the amendment is as shown

Amendments

in the statement(s) filed 26 Feb 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021204787 Lipid combinations **Pharmalink International Limited** The nature of the amendment is as shown in the statement(s) filed 03 Feb 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021232924 Surfactants for healthcare products **AdvanSix Resins & Chemicals LLC** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021236067 Surfactants for agricultural products **AdvanSix Resins & Chemicals LLC** The nature of the amendment is as shown in the statement(s) filed 14 Mar 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022

2022203291 Method of producing concentrated or dried acid-gellable whey protein aggregates, and related compositions and food products **Arla Foods Amba** The nature of the amendment is as shown in the statement(s) filed 21 Feb 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022266030 COMPOSITION **UNILEVER GLOBAL IP LIMITED** The nature of the amendment is as shown in the statement(s) filed 17 Mar 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022282274 HYDRAULIC FRACTURING PUMPS TO ENHANCE FLOW OF FRACTURING FLUID INTO WELLHEADS AND RELATED METHODS **BJ ENERGY SOLUTIONS, LLC** The nature of the amendment is as shown in the statement(s) filed 21 Mar 2025 . Address for service - FB Rice Pty Ltd Level 29 126 Phillip Street Sydney NSW 2000 AU

2022298639 DIACYLGLYCEROL KINASE MODULATING COMPOUNDS **GILEAD SCIENCES, INC.** The nature of the amendment is as shown in the statement(s) filed 27 Mar 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2023

2023200121 A MOUNTING BRACKET ADAPTED TO BE SECURED TO A TRAPEZOIDAL RIB OF A BUILDING SURFACE **RMH Tech LLC** The nature of the amendment is as shown in the statement(s) filed 21 Mar 2025 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2023200195 IMPROVEMENTS TO DEVICES AND METHODS FOR DELIVERY OF SUBSTANCES TO ANIMALS **Ruminant Biotech Corp Limited** The nature of the amendment is as shown in the statement(s) filed 24 Feb 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

Amendments Made

Amendments

2018

2018206552 **Research Institute at Nationwide Children's Hospital** The nature of the amendment is as shown in the statement filed 20 Dec 2024

2018311346 **IP2IPO Innovations Limited** The nature of the amendment is as shown in the statement filed 23 Dec 2024

2018397349 **Ecologia Y Proteccion Agricola, S.L.** The nature of the amendment is as shown in the statement filed 22 Dec 2024

2019

2019272038 **Sumitomo Rubber Industries, Ltd.** The nature of the amendment is as shown in the statement filed 13 Dec 2024

2019275394 **Willow Innovations, Inc.** The nature of the amendment is as shown in the statement filed 12 Dec 2024

2019284129 **Dometic Sweden AB** The nature of the amendment is: Amend the invention title to read Mobile Cooling Box with Handle Module

2019364274 **Intra-Cellular Therapies, Inc.** The nature of the amendment is as shown in the statement filed 20 Dec 2024

2019457171 **Sumitomo Electric Industries, Ltd.** The nature of the amendment is: Amend the invention title to read Redox Flow Battery Cell, Cell Stack and Redox Flow Battery System

2020

2020279974 **Novartis AG** The nature of the amendment is as shown in the statement filed 20 Dec 2024

2020343723 **Envision Sciences Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read BROOKS, Doug; LOGAN, Jessica and SORVINA, Alexandra

2021

2021201562 **Chevron Australia Pty Ltd; Chevron U.S.A. Inc.** The nature of the amendment is: Amend the name of the inventor to read CHINN, Daniel; COOPER, Russell E.; THOMPSON, Joshua A.; LONG, Christine Marie and BAI, Jinhua

2021287122 **Gencellmed Inc.** The nature of the amendment is as shown in the statement filed 17 Dec 2024

2021302126 **Harbour Biomed (Shanghai), Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read HE, Yun; SHI, Lei; LUO, Haishan; LV, Qiang; HE, Jinqiu; PEI, Zenglin; WANG, Yongqiang; ZHONG, Chen; HUANG, Bing; ZHAO, Jianxun; JIA, Xingxing; ZHANG, Xuekun; ZHAO, Chuchu; CHEN, Fei; NIU, Lei; ZHOU, Wei; TAN, Xiangyang and RONG, Yiping

2021375837 **HITACHI, LTD.** The nature of the amendment is as shown in the statement filed 11 Dec 2024

2021385576 **PADDLEMOVER LLC** The nature of the amendment is as shown in the statement filed 18 Dec 2024

Amendments

2022

2022202580 **Revivicor Inc** The nature of the amendment is as shown in the statement filed 19 Dec 2024

2022211381 **HENDRICKSON USA, L.L.C.** The nature of the amendment is as shown in the statement filed 17 Dec 2024

2022232414 **INVENTAGE LAB INC.** The nature of the amendment is: Amend the name of the inventor to read KIM, Ju Hee and KIM, Donghoon

2022242956 **KERECIS HF** The nature of the amendment is: Amend the invention title to read WOUND TREATMENT COMPOSITIONS AND METHODS OF STABILIZING, PROTECTING, AND TREATING A WOUND

2022246164 **The Brigham and Women's Hospital, Inc.** The nature of the amendment is: Amend the name of the inventor to read GULLA, Stefano, V.; THOMPSON, Kenneth, Evan and GREENBERG, Steven A.

2022331993 **YOSHINO GYPSUM CO., LTD.** The nature of the amendment is: Amend the invention title to read CUTTING DEVICE, APPARATUS FOR MANUFACTURING GYPSUM BOARD, AND CUTTING METHOD

2022370113 **CENTRE FOR REGENERATIVE MEDICINE AND HEALTH, HONG KONG INSTITUTE OF SCIENCE AND INNOVATION, CHINESE ACADEMY OF SCIENCES; CITY UNIVERSITY OF HONG KONG** The nature of the amendment is: To amend the co-applicant name to read CENTRE FOR REGENERATIVE MEDICINE AND HEALTH, HONG KONG INSTITUTE OF SCIENCE AND INNOVATION, CHINESE ACADEMY OF SCIENCES

2022374384 **FRIDECO AG** The nature of the amendment is: Add co-inventor's name WÜRMES, Andreas Bruno

2022406621 **Wing Aviation LLC** The nature of the amendment is as shown in the statement filed 18 Dec 2024

2022414186 **UMOJA BIOPHARMA, INC.** The nature of the amendment is: Amend the name of the inventor to read O'HARA, Samantha; SCHARENBERG, Andrew; CRISMAN, Ryan; NICOLAI, Christopher; ROWLAND, Teisha; LARSON, Ryan; KONING, Ryan; GARBE, Christopher; VEREIDE, David and RYU, Byoung

2022477524 **BGI SHENZHEN** The nature of the amendment is: Amend the invention title to read Use of heteroaromatic ring compounds in nucleic acid detection

2023

2023200121 **RMH Tech LLC** The nature of the amendment is: Amend the invention title to read A MOUNTING BRACKET ADAPTED TO BE SECURED TO A TRAPEZOIDAL RIB OF A BUILDING SURFACE

2023201831 **Acer Incorporated** The nature of the amendment is as shown in the statement filed 18 Dec 2024

2023202086 **Vanderbilt University** The nature of the amendment is: Amend the name of the inventor to read LINDSLEY, Craig W.;

Amendments

CONN, P Jeffrey; ENGERS, Darren W.; ENGERS, Julie L.; TEMPLE, Kayla J.; BENDER, Aaron M. and BAKER, Logan A.

2023202387 **Quest One GmbH** The nature of the amendment is: To amend the applicant name to Quest One GmbH

2023233598 **ILLUMINA, INC.** The nature of the amendment is: Amend the name of the inventor to read OSMUS, James; YU, Hao; WEI, Shih-Chung and KOH, Jian En

2023289152 **UNIVERSITY OF WYOMING** The nature of the amendment is: Amend the name of the inventor to read NG, Kam Weng and LAU, Chooi Kim

2023289153 **UNIVERSITY OF WYOMING** The nature of the amendment is: Amend the name of the inventor to read NG, Kam Weng; LAU, Chooi Kim and YU, Hua

2023291367 **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E. V.** The nature of the amendment is: Amend the name of the inventor to read GIERSE, Malte; STEINBACH, Benedikt and OUDA, Mohamed

2023315133 **CAELI ENERGIE** The nature of the amendment is: Amend the invention title to read Improved air-conditioning device using indirect evaporative cooling

2023328716 **STORZ MEDICAL AG** The nature of the amendment is: Amend the invention title to read Pressure wave apparatus with double valve means

2023328717 **STORZ MEDICAL AG** The nature of the amendment is: Amend the invention title to read Pressure wave apparatus with double valve means

2023328718 **STORZ MEDICAL AG** The nature of the amendment is: Amend the invention title to read Pressure wave apparatus with double valve means

2023328719 **STORZ MEDICAL AG** The nature of the amendment is: Amend the invention title to read Pressure wave apparatus with double valve means

2023337843 **JAPAN AEROSPACE EXPLORATION AGENCY; ANA HOLDINGS INC.** The nature of the amendment is: Amend the invention title to read Optical data acquisition apparatus and optical data acquisition method

2023348390 **ELISA OYJ** The nature of the amendment is: Amend the invention title to read Method for call security

2023351170 **JAPAN CASH MACHINE CO., LTD.** The nature of the amendment is: Amend the invention title to read Document handler, controller of gaming machines utilizing document handler and method for indicating deterioration level in document handler

2023352248 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read STEEL MATERIAL FOR HIGH-STRENGTH LINE PIPE WITH HIGH FRACTURE TOUGHNESS IN HYDROGEN AND METHOD FOR PRODUCING THE SAME,

Amendments

AND STEEL PIPE FOR HIGHSTRENGTH LINE PIPE AND METHOD FOR PRODUCING THE SAME

2023353989 **CARIBOU BIOSCIENCES, INC.** The nature of the amendment is: Amend the invention title to read ANTI-ROR1 CHIMERIC ANTIGEN RECEPTORS (CARS), CELLS EXPRESSING THE CARS AND RELATED METHODS

2023354439 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read PRE-COATED STEEL SHEET

2023354507 **SUMITOMO ELECTRIC INDUSTRIES, LTD.** The nature of the amendment is: Amend the invention title to read TANK, AND REDOX FLOW BATTERY SYSTEM

2023365454 **MEIJI SEIKA PHARMA CO., LTD.** The nature of the amendment is: Amend the invention title to read THERAPEUTIC AGENT FOR T CELL MALIGNANCIES

2023366991 **ARRAY TECH, INC.** The nature of the amendment is: Amend the invention title to read SOLAR COMPONENT STORAGE AND DISTRIBUTION DEVICES

2023373601 **ASTELLAS PHARMA INC.** The nature of the amendment is: Amend the invention title to read ANTIBODY-DRUG CONJUGATE CONTAINING A TOLL-LIKE RECEPTOR 7/8 DUAL AGONIST COMPOUND

2023377031 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read CLAD STEEL PLATE AND METHOD OF PRODUCING SAME

2023385438 **FUJITSU GENERAL LIMITED** The nature of the amendment is: Amend the invention title to read Air conditioning device

2023407024 **GOODMAN CO., LTD.** The nature of the amendment is: Amend the invention title to read BALLOON CATHETER AND METHOD OF PRODUCING BALLOON CATHETER

2023432345 **METALOX SECURITY AND HARDWARE CO., LTD** The nature of the amendment is: Amend the invention title to read ELECTRIC STRIKE

2023444017 **JANG, J.E.** The nature of the amendment is: Amend the invention title to read ELASTIC BOLLARD FOR RACK PROTECTION

2023452511 **UNIVERSITY OF WYOMING** The nature of the amendment is: Amend the name of the inventor to read NG, Kam Weng; HOSSAIN, Md Tarik and LAU, Chooi Kim

2024

2024200685 **Dometic Sweden AB** The nature of the amendment is: Amend the invention title to read Mobile Cooling Box with Handle Module

2024201375 **Tosoh Corporation** The nature of the amendment is: Amend the name of the inventor to read HANEY, Max and MURPHY, Michael P.

Amendments

2024202499 **HSP Hochspannungsgeräte GmbH** The nature of the amendment is: Amend the name of the inventor to read KOECK, Klaus and POINTNER, Klaus

2024223375 **NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE** The nature of the amendment is: Amend the invention title to read Threaded connection

2024273826 **SHAHEEN INNOVATIONS HOLDING LIMITED** The nature of the amendment is: Amend the name of the inventor to read ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed and CHARAF EDDINE CHEHAYEB, Daniel

2024339209 **HANGZHOU TIANLONG PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read siRNA targeting and regulating PCSK9 gene expression and use thereof

2025

2025201581 **Resonant Acoustics International Inc.** The nature of the amendment is: Remove priority details US 62/712,595 31-07-2018

2025202034 **HEXION INC.** The nature of the amendment is: Amend the name of the inventor to read CURRIE, Robert Bruce; GAJADHUR, Anjennee Jessica and COBBLEDICK, Christopher

2025202249 **Laccoo Outdoors, LLC** The nature of the amendment is: Amend the priority details to read 63/638,152 24 Apr 2024 US

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

2010

2010214807 Hayashibara Co., Ltd. The name of the patentee has been altered to **Nagase Viita Co., Ltd.**

2012

2012226907 Hayashibara Co., Ltd. The name of the patentee has been altered to **Nagase Viita Co., Ltd.**

2012244312 Arabelle Technologies The name of the patentee has been altered to **Arabelle Solutions France**

2012273906 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2012310757 Hayashibara Co., Ltd. The name of the patentee has been altered to **Nagase Viita Co., Ltd.**

2015

2015403475 PerkinElmer Cellular Technologies Germany GmbH; PerkinElmer Health Sciences, Inc. The name of the patentee has been altered to **PerkinElmer Cellular Technologies Germany GmbH; Revvity Health Sciences, Inc.**

2016

2016204318 Hayashibara Co., Ltd. The name of the patentee has been altered to **Nagase Viita Co., Ltd.**

Amendments

2017

2017278241 Itomography Corp.; University of Central Florida Research Foundation, Inc.; PerkinElmer Health Sciences, Inc. The name of the patentee has been altered to **Itomography Corp.; University of Central Florida Research Foundation, Inc.; Revvity Health Sciences, Inc.**

2018

2018304249 PerkinElmer Health Sciences, Inc. The name of the patentee has been altered to **Revvity Health Sciences, Inc.**

2019

2019360006 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2019480892 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2019481138 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2020

2020231134 Metso Outotec Finland Oy The name of the patentee has been altered to **Metso Finland Oy**

2020231476 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020273137 PerkinElmer Health Sciences, Inc. The name of the patentee has been altered to **Revvity Health Sciences, Inc.**

2020427260 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020436604 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020442210 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020442508 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020442509 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020442895 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020451848 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020451849 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020452053 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

Amendments

2020470801 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020475839 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2020482412 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2021

2021202716 PerkinElmer Cellular Technologies Germany GmbH; PerkinElmer Health Sciences, Inc. The name of the patentee has been altered to **PerkinElmer Cellular Technologies Germany GmbH; Revvity Health Sciences, Inc.**

2021256385 DeGross Aviation Technologies The name of the applicant has been altered to **DeGross Aviation Technologies LLC**

2022

2022218377 Metso Outotec Finland Oy The name of the applicant has been altered to **Metso Finland Oy**

2023

2023209396 SLINGSHOT AEROSPACE, INC.; Belinda Grace MARCHAND; Joshua LEDERMAN; Daniel KOENIG; Matthew JONDROW The name of the applicant has been altered to **SLINGSHOT AEROSPACE, INC.**

2023222954 KOREA ZINC CO., LTD. The name of the patentee has been altered to **KOREA ZINC CO., LTD.**

2023315874 OSECO INC. ; ELFAB LTD. The name of the applicant has been altered to **OKLAHOMA SAFETY EQUIPMENT COMPANY, INC.; ELFAB LIMITED**

2023352265 FUJIFILM CORPORATION The name of the applicant has been altered to **FUJIFILM Corporation**

2023358525 GENENTECH, INC. ; HOFFMANN-LA ROCHE AG The name of the applicant has been altered to **Genentech, Inc.; F. Hoffmann-La Roche AG**

2024

2024900992 University of South Australia The name of the applicant has been altered to **University of South Australia; University of Leeds**

Amendments Made Under Section 105

Court Order by the Federal Court of New South Wales, NSD1134/2024 Australian Patent/Patent Application 2024100006 in the name of Janssen Biotech, Inc.
The amendments advertised in the Official Journal of Patents dated 02 Jan 2025 have been made in accordance with a Court Order 11 Mar 2025 .

Court Order by the Federal Court of New South Wales, NSD1134/2024 Australian Patent/Patent Application 2024100007 in the name of Janssen Biotech, Inc.

Amendments

The amendments advertised in the Official Journal of Patents dated 02 Jan 2025 have been made in accordance with a Court Order 11 Mar 2025 .

Court Order by the Federal Court of New South Wales, NSD1134/2024 Australian Patent/Patent Application 2024100016 in the name of Janssen Biotech, Inc.

The amendments advertised in the Official Journal of Patents dated 02 Jan 2025 have been made in accordance with a Court Order 11 Mar 2025 .

Applications Open to Public Inspection

Name Index

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

(71) 10691976 Canada Ltd.
(11) AU-A-2025202161
(21) 2025202161 (22) 26.03.2025
(54) HARVESTER FOR A CROP GROWTH SYSTEM

(51) Int. Cl.
A01B 49/00 (2006.01)
A01C 7/06 (2006.01)
A01C 15/00 (2006.01)
A01D 34/835 (2006.01)
A01D 41/127 (2006.01)
A01D 93/00 (2009.01)
G06F 17/18 (2006.01)

(43) 10.04.2025
(62) 2019239802
(72) PRYSTUPA, David; PACAK, John
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) 10x Genomics, Inc.
(11) AU-A-2025202082
(21) 2025202082 (22) 22.03.2025
(54) Methods and compositions for synchronizing reactions in situ
(51) Int. Cl.
C12Q 1/6853 (2018.01)
C12Q 1/6841 (2018.01)
(43) 10.04.2025
(62) 2022317053
(72) HERNÁNDEZ NEUTA, Jorge Iván; KÜHNEMUND, Malte; MARKS, Patrick J.
(74) Spruson & Ferguson

(71) 4D MOLECULAR THERAPEUTICS INC.
(11) AU-A-2025201001
(21) 2025201001 (22) 13.02.2025
(54) Compositions And Methods For Treatment Of Ocular Disease Associated With Angiogenesis
(51) Int. Cl.
C12N 15/86 (2006.01)
(43) 10.04.2025
(62) 2022266774
(72) BURNS, Christian; CALTON, Melissa; LEONG, Meredith; SZYMANSKI, Paul
(74) WRAYS PTY LTD

(71) ABB SCHWEIZ AG
(11) AU-A-2025202005
(21) 2025202005 (22) 19.03.2025
(54) Method of industrial processing of a bulk material
(51) Int. Cl.
G06Q 10/06 (2023.01)

(43) 10.04.2025
(62) 2020484060
(72) JANKA, Dennis; BHALODI, Kalpesh; JUHLIN, Prerna; POTSCHKA, Andreas; SCHLAKE, Jan-Christoph
(74) Griffith Hack

(71) Abiomed Europe GmbH
(11) AU-A-2025202096
(21) 2025202096 (22) 24.03.2025
(54) Intravascular blood pump
(51) Int. Cl.
A61M 60/165 (2021.01)
(43) 10.04.2025
(62) 2019237196
(72) KIRCHHOFF, Frank; SIESS, Thorsten; KERKHOFFS, Wolfgang
(74) Spruson & Ferguson

(71) Adobe Inc.
(11) AU-A-2024205088
(21) 2024205088 (22) 25.07.2024
(54) GENERATING NON-DESTRUCTIVE SYNTHETIC LENS BLUR WITH IN-FOCUS EDGE RENDERING
(51) Int. Cl.
G06T 5/70 (2024.01)
G06T 5/60 (2024.01)
(31) 63/585,369 (32) 26.09.23 (33) US
18/536,812 12.12.23 US
(43) 10.04.2025
(72) Case, Richard; Bury, Joshua
(74) RnB IP Pty Ltd

(71) ADRENALINE X-TREME ADVENTURES GROUP S.R.L.
(11) AU-A-2024219354
(21) 2024219354 (22) 03.09.2024
(54) ALIGNMENT BETWEEN TWO GUIDES
(51) Int. Cl.
B61B 12/02 (2006.01)
A63G 21/22 (2006.01)
B61B 7/00 (2006.01)
(31) 102023000019539 (32) 22.09.23 (33) IT
(43) 10.04.2025
(72) MIANO, Samuel; TREBO, Carlo
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) ADRENALINE X-TREME ADVENTURES GROUP S.R.L.
(11) AU-A-2024219429
(21) 2024219429 (22) 05.09.2024
(54) PERFECTED BRAKE
(51) Int. Cl.
B61H 9/02 (2006.01)
A63G 21/20 (2006.01)
A63G 21/22 (2006.01)
B61B 7/00 (2006.01)

(31) 102023000019530 (32) 22.09.23 (33) IT
(43) 10.04.2025
(72) MIANO, Samuel; TREBO, Carlo
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

Advanced Biomedical Instrumentation Centre Limited see The University of Hong Kong
(21) 2023233194

(71) AgeX Therapeutics, Inc.
(11) AU-A-2025202129
(21) 2025202129 (22) 25.03.2025
(54) IMPROVED METHODS FOR INDUCING TISSUE REGENERATION AND SENOLYSIS IN MAMMALIAN CELLS
(51) Int. Cl.
A61K 31/404 (2006.01)
A61K 31/428 (2006.01)
A61K 31/4375 (2006.01)
(43) 10.04.2025
(62) 2019260664
(72) WEST, Michael D.; STERNBERG, Hal
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Aiper Global Pte. Ltd.
(11) AU-A-2025202121
(21) 2025202121 (22) 24.03.2025
(54) Method For Swimming Pool Robot To Clean Along Wall Edge
(51) Int. Cl.
E04H 4/16 (2006.01)
(31) 202410345675.3 (32) 25.03.24 (33) CN
(43) 10.04.2025
(72) TANG, Gujie; ZHENG, Kai
(74) WRAYS PTY LTD

(71) Aizoon S.r.l.
(11) AU-A-2024220045
(21) 2024220045 (22) 25.09.2024
(54) METHOD FOR DETECTING PHISHING ATTACKS, AND CORRESPONDING SYSTEM AND COMPUTER PROGRAM PRODUCT
(51) Int. Cl.
G06F 21/57 (2013.01)
G06F 21/56 (2013.01)
G06N 20/00 (2019.01)
(31) 102023000019872 (32) 26.09.23 (33) IT
(43) 10.04.2025
(72) Graziano, Giovanni; Ucci, Daniele; Bisio, Federica
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.
(11) AU-A-2025202138
(21) 2025202138 (22) 25.03.2025

Applications Open to Public Inspection - Name Index cont'd

(54) HAPTIC OPTIC MANAGEMENT SYSTEM UTILIZING ROTATING CAMS

(51) Int. Cl.
A61F 2/16 (2006.01)

(43) 10.04.2025
(62) 2019397612

(72) Auld, Jack Robert; Flowers, Matthew Braden; McCawley, Matthew Douglas; Schieber, Andrew Thomas; Singh, Sudarshan B.; Souza, Marcus Antonio

(74) PHILLIPS ORMONDE FITZPATRICK

(71) ALI-VICE LIMITED

(11) AU-A-2024220123
(21) 2024220123 (22) 26.09.2024

(54) REMOVABLE CLADDING SYSTEM
(51) Int. Cl.

E04F 13/08 (2006.01)

(31) 2023903093 (32) 26.09.23 (33) AU
2023903092 26.09.23 AU

(43) 10.04.2025

(72) CORNTHWAITE, John Richard

(74) AJ PARK

(71) Allergan Pharmaceuticals International Limited

(11) AU-A-2025201949

(21) 2025201949 (22) 18.03.2025

(54) Scar prevention and/or treatment

(51) Int. Cl.

A61K 38/39 (2006.01)

A61P 17/02 (2006.01)

(43) 10.04.2025

(62) 2020270005

(72) DANIELS, Robert; BATES, Damien; ROBERTS, John St. Clair

(74) FPA Patent Attorneys Pty Ltd

(71) Allergan Pharmaceuticals International Limited

(11) AU-A-2025202139

(21) 2025202139 (22) 25.03.2025

(54) Treatment of migraine

(51) Int. Cl.

A61K 31/4545 (2006.01)

A61P 25/06 (2006.01)

(43) 10.04.2025

(62) 2019283670

(72) TRUGMAN, Joel; FINNEGAN, Michelle

(74) Davies Collison Cave Pty Ltd

(71) Andros Pharmaceuticals Co., Ltd.

(11) AU-A-2024219895

(21) 2024219895 (22) 19.09.2024

(54) TOPICAL DELIVERY COMPOSITIONS COMPRISING NON-STEROIDAL ANTI-INFLAMMATORY DRUGS

(51) Int. Cl.

A61K 47/18 (2017.01)

A61K 9/107 (2006.01)

A61K 31/192 (2006.01)

A61K 31/196 (2006.01)

A61K 31/216 (2006.01)

A61K 31/405 (2006.01)

A61K 31/5415 (2006.01)

A61K 47/02 (2006.01)

A61K 47/10 (2017.01)

A61K 47/24 (2006.01)

A61P 29/00 (2006.01)

(31) 18/373,612 (32) 27.09.23 (33) US

(43) 10.04.2025

(72) HU, Chun Wen; WANG, Ae June; YEN, Mei Wen

(74) Collison & Co

(71) ANDURIL INDUSTRIES, INC.

(11) AU-A-2023387755

(21) 2023387755 (22) 28.09.2023

(54) AERIAL VEHICLE WITH DEPLOYABLE COMPONENTS

(51) Int. Cl.

B64U 30/12 (2023.01)

B64C 3/40 (2006.01)

B64C 3/54 (2006.01)

B64C 11/28 (2006.01)

B64C 13/30 (2006.01)

B64U 50/13 (2023.01)

(31) 18/475,831 (32) 27.09.23 (33) US

(43) 10.04.2025

(72) ALLEY, Nicholas Robert; STEELE, Joshua Lemming; WILLIAMS, Jesse Owen; KUEHME, Daniel

(74) Intelpro Patent & Trade Mark Attorneys

(71) Angel Group Co., Ltd.

(11) AU-A-2025202055

(21) 2025202055 (22) 21.03.2025

(54) Table game management system, gaming table layout, and gaming table

(51) Int. Cl.

A63F 1/00 (2006.01)

G06Q 30/02 (2023.01)

(43) 10.04.2025

(62) 2024202521

(72) SHIGETA, Yasushi

(74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.

(11) AU-A-2025202170

(21) 2025202170 (22) 26.03.2025

(54) Management system of gaming chips and storage box

(51) Int. Cl.

A63F 11/00 (2006.01)

A63F 1/06 (2006.01)

A63F 3/00 (2006.01)

A63F 9/00 (2006.01)

G07D 9/00 (2006.01)

G07F 17/32 (2006.01)

(43) 10.04.2025

(62) 2023201460

(72) SHIGETA, Yasushi

(74) FB Rice Pty Ltd

(71) Apple Inc.

(11) AU-A-2025202098

(21) 2025202098 (22) 24.03.2025

(54) Devices and methods for navigating between user interfaces

(51) Int. Cl.

G06F 3/0484 (2022.01)

G09G 5/00 (2006.01)

(43) 10.04.2025

(62) 2022283731

(72) ALONSO RUIZ, Marcos; KAR-UNAMUNI, Chanaka G.; DASCOLA, Jonathan R.; BAUER, Sebastian J.; CATO, Andrew B.; CHAUDHRI, Imran A.; FEDERIGHI, Craig M.; FOSS, Christopher P.; GAMBLE, Matthew H.; GUTKNECHT, Olivier D. R.; HAGEDORN, Joseph A.; JUREWITZ, Michael T.; LEMAY, Stephen O.; WELLS, Nicole M.; WESTERMAN, Wayne C.

(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.

(11) AU-A-2025202105

(21) 2025202105 (22) 24.03.2025

(54) Systems, methods, and graphical user interfaces for interacting with augmented and virtual reality environments

(51) Int. Cl.

G06F 3/01 (2006.01)

G02B 27/01 (2006.01)

G06F 3/0485 (2022.01)

G06F 3/0488 (2022.01)

G06T 7/00 (2017.01)

G06T 19/00 (2011.01)

(43) 10.04.2025

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(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation

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(21) 2025202168 (22) 26.03.2025

(54) Surgical stapler having a powered handle

(51) Int. Cl.

A61B 17/072 (2006.01)

A61B 17/00 (2006.01)

A61B 17/29 (2006.01)

A61B 18/00 (2006.01)

A61B 90/00 (2016.01)

(43) 10.04.2025

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(74) Griffith Hack

(71) Archer Aviation, Inc.

(11) AU-A-2025202044

(21) 2025202044 (22) 21.03.2025

(54) Vertical take-off and landing aircraft

(51) Int. Cl.

B64C 29/00 (2006.01)

B64C 27/26 (2006.01)

B64C 27/28 (2006.01)

(43) 10.04.2025

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AR, Chad Stuart
(74) AJ PARK

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(21) 2024205698 (22) 12.08.2024
(54) MODULAR ROBOT
(51) Int. Cl.
B25J 9/08 (2006.01)
B25J 11/00 (2006.01)
B25J 13/00 (2006.01)
B25J 19/02 (2006.01)
G07F 17/32 (2006.01)
(31) 18/473,055 (32) 22.09.23 (33) US
(43) 10.04.2025
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Adam
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2024205699
(21) 2024205699 (22) 12.08.2024
(54) GAMING DEVICE WITH PERSIST-
ENCE SYMBOL CHANGING
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
(31) 18/474,057 (32) 25.09.23 (33) US
(43) 10.04.2025
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Decasa, Rogelio; Warms, Nathan;
Smith, Zachary; Ching, Erick; Hop-
kins, Scott; Sanborn, Hanna; Albright,
Carlyn; Cohen, Zachary
(74) James & Wells Intellectual Property

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(21) 2024205701 (22) 12.08.2024
(54) OUTPUT MODIFICATION SYSTEMS
AND METHODS IN ELECTRONIC
GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 18/472,600 (32) 22.09.23 (33) US
(43) 10.04.2025
(72) Walsh, Kevin; Marsh, David
(74) James & Wells Intellectual Property

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(21) 2024205736 (22) 13.08.2024
(54) ELECTRONIC GAME WITH MULTIPLE
REEL AREAS AND PERSISTENT
BLOCKING SYMBOLS
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 9/24 (2006.01)
(31) 18/372,992 (32) 26.09.23 (33) US
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Nathan
(74) James & Wells Intellectual Property

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(21) 2024205739 (22) 13.08.2024
(54) SERVICEABLE SURFACE MOUNT
BUTTON ASSEMBLY WITH IN-
FRARED SENSOR DETECTION FOR
ELECTRONIC GAMING DEVICES
AND SYSTEMS
(51) Int. Cl.
A63F 13/219 (2014.01)
A63F 13/21 (2014.01)
G06F 3/14 (2006.01)
G06F 13/10 (2006.01)
(31) 18/787,566 (32) 29.07.24 (33) US
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(43) 10.04.2025
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Twyman, Donald; Shaffer, Jr., Stephen
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
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(21) 2024205826 (22) 16.08.2024
(54) ELECTRONIC GAMING SYSTEMS
AND METHODS FOR DETERMINING
RECREATED OUTCOMES USING DY-
NAMIC RULES
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 18/800,381 (32) 12.08.24 (33) US
63/540,529 26.09.23 US
(43) 10.04.2025
(72) Rollo III, Donald; Lambert, Joseph; Mar-
ston, Daniel
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2024213130
(21) 2024213130 (22) 21.08.2024
(54) MULTIPLE TICKET SET SYSTEMS
AND METHODS IN ELECTRONIC
GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 18/807,648 (32) 16.08.24 (33) US
63/585,505 26.09.23 US
(43) 10.04.2025
(72) Rollo III, Donald; Marston, Daniel; Lam-
bert, Joseph
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
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(21) 2024220019 (22) 24.09.2024
(54) WIDE AREA PROGRESSIVE BONUS
SYSTEM AND METHOD WITHIN A
MOBILE CASINO GAMING APPLICA-
TION
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/85 (2014.01)
(31) 18/893,417 (32) 23.09.24 (33) US
63/585,498 26.09.23 US
(43) 10.04.2025
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Karthick; Potokar, Jennifer; Raman,
Michelle; Rambo, Tammy; Mirabal, Al-
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(74) James & Wells Intellectual Property

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(21) 2023233280 (22) 25.09.2023
(54) GAMING DEVICE WITH QUALIFIER
SYMBOL LINKED GAME EVENTS
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/55 (2014.01)
(43) 10.04.2025
(72) MATOS, Joshua; VISSER, Antoon;
KENDALL, Karen
(74) James & Wells Intellectual Property

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(54) GAMING DEVICE WITH PRIZE
AWARD BASED ON NUMERICAL
SYMBOL SELECTION
(51) Int. Cl.
A63F 13/46 (2014.01)
G07F 17/32 (2006.01)
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Eric; RICHARDSON, Geoffrey
(74) James & Wells Intellectual Property

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(71) ATTOBAHN, INC.
(11) AU-A-2025202106
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(54) VIRAL MOLECULAR NETWORK AR-
CHITECTURE AND DESIGN
(51) Int. Cl.
H04W 84/00 (2009.01)
H04B 7/026 (2017.01)
(43) 10.04.2025
(62) 2023200892
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(74) AJ PARK

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(11) AU-A-2025202047
(21) 2025202047 (22) 21.03.2025
(54) IMPLANT FIT ANALYSIS
(51) Int. Cl.
A61B 34/10 (2016.01)
A61F 2/30 (2006.01)
G16H 50/20 (2018.01)
(43) 10.04.2025
(62) 2019295412
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Joshua
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(71) Avacta Life Sciences Limited
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 (54) Scaffold proteins
 (51) Int. Cl.
C07K 14/81 (2006.01)
C12N 15/62 (2006.01)
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 Robert Pye-Smith
 (74) O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2025201926 (22) 18.03.2025
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C12G 3/02 (2019.01)
C12G 3/04 (2019.01)
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 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM
 (51) Int. Cl.
A61K 31/5415 (2006.01)
A61K 9/20 (2006.01)
A61K 31/185 (2006.01)
A61K 31/4196 (2006.01)
A61K 31/4439 (2006.01)
A61K 47/40 (2006.01)
A61P 25/06 (2006.01)
 (43) 10.04.2025
 (62) 2022252856
 (72) TABUTEAU, Herriot
 (74) Blue Penguin IP Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 (11) AU-A-2025202037
 (21) 2025202037 (22) 20.03.2025
 (54) Intra prediction-based video encoding/decoding method and device
 (51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/105 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/176 (2014.01)
H04N 19/593 (2014.01)
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 (72) KIM, Ki Baek
 (74) FB Rice Pty Ltd

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 (21) 2025202009 (22) 19.03.2025
 (54) Compositions comprising relaxin and methods of use thereof
 (51) Int. Cl.
A61K 38/22 (2006.01)
A61K 47/60 (2017.01)
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A61P 19/02 (2006.01)
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(71) BioXcel Therapeutics, Inc.; ARx, LLC
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 (21) 2025202163 (22) 26.03.2025
 (54) Film formulations containing dexmedetomidine and methods of producing them
 (51) Int. Cl.
A61K 9/70 (2006.01)
A61K 31/4174 (2006.01)
A61K 47/38 (2006.01)
A61P 25/00 (2006.01)
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(71) Boehringer Ingelheim International GmbH
 (11) AU-A-2025202002
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 (54) Continuous flow reactor for viral inactivation
 (51) Int. Cl.
C12M 1/12 (2006.01)
A61L 2/00 (2006.01)
C07K 16/00 (2006.01)
C12M 1/00 (2006.01)
 (43) 10.04.2025
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 (54) Fluid monitoring system
 (51) Int. Cl.
A61M 5/168 (2006.01)
A61B 1/00 (2006.01)
A61B 17/00 (2006.01)
A61M 1/00 (2006.01)
A61M 25/00 (2006.01)

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 (72) RAUNIYAR, Niraj Prasad; BYRNE, Paul; SMITH, Lee; FANNING, Leah; KHATTAR, Nishant; SHAH, Vivek; TASAONKAR, Dipen Arun
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 (11) AU-A-2025202136
 (21) 2025202136 (22) 25.03.2025
 (54) Automated selection of electrodes and stimulation parameters in a deep brain stimulation system employing directional leads
 (51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/372 (2006.01)
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(71) Brocklehurst, R.
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 (54) Creation of environmental conservation parks for protection of species in conjunction with human burials
 (51) Int. Cl.
E04H 13/00 (2006.01)
G06Q 90/00 (2006.01)
A01G 24/20 (2018.01)
 (43) 10.04.2025
 (72) Brocklehurst, Richard
 (74) Richard Brocklehurst

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 (21) 2024219938 (22) 20.09.2024
 (54) Smart tank predictive production feedback system and method
 (51) Int. Cl.
C01B 11/04 (2006.01)
C02F 1/76 (2023.01)
G05B 13/02 (2006.01)
 (31) 18/473,116 (32) 22.09.23 (33) US
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(71) BÜHLER AG
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 (54) DEVICE FOR TREATING CELLS IN A BYPASS
 (51) Int. Cl.
C12M 3/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/42 (2006.01)

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(72) BUCHMANN, Leandro; SENN, Michael
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Cactus Wellhead, LLC
(11) AU-A-2024220165
(21) 2024220165 (22) 27.09.2024
(54) Casing string rotation systems and methods
(51) Int. Cl.

E21B 33/04 (2006.01)
E21B 33/14 (2006.01)
(31) 18/897,079 (32) 26.09.24 (33) US
63/540,696 27.09.23 US
(43) 10.04.2025
(72) EMMETT, Jacob Charles; HERNANDEZ, Javier Roel; HOLTKAMP, Thomas Henry; HUANG, Lu
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(71) California Institute of Technology; The Rockefeller University
(11) AU-A-2025201781
(21) 2025201781 (22) 12.03.2025
(54) BROADLY NEUTRALIZING ANTI-HIV-1 ANTIBODIES AND METHODS OF USE THEREOF
(51) Int. Cl.

C07K 16/10 (2006.01)
A61K 39/21 (2006.01)
A61K 39/395 (2006.01)
C07K 14/005 (2006.01)
C07K 16/00 (2006.01)
C12N 7/00 (2006.01)
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(62) 2017387041
(72) Nussenzeiwig, Michel; Freund, Natalia T.; Bjorkman, Pamela J.; Scharf, Louise
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Campvalley (Xiamen) Co., Ltd.
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(54) TELESCOPIC POLES AND TENT FRAME HAVING SAME
(51) Int. Cl.

E04H 15/46 (2006.01)
E04H 12/18 (2006.01)
F16B 7/14 (2006.01)
(31) 18/659,513 (32) 09.05.24 (33) US
202322609210.8 26.09.23 CN
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(72) Jun Choi, Kwan
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(21) 2024219940 (22) 20.09.2024
(54) Systems and methods for automatically generating designs
(51) Int. Cl.

G06T 11/60 (2006.01)
G06F 40/103 (2020.01)

G06F 40/186 (2020.01)
G06F 40/30 (2020.01)
G06N 3/0455 (2023.01)
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(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
(11) AU-A-2025202091
(21) 2025202091 (22) 24.03.2025
(54) Monitoring integrity of charging rail system
(51) Int. Cl.

G06Q 50/10 (2012.01)
B60L 53/14 (2019.01)
G01N 21/88 (2006.01)
G08B 5/22 (2006.01)
G08B 21/18 (2006.01)
G08B 25/10 (2006.01)
(43) 10.04.2025
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(72) BRAUNSTEIN, Michael
(74) FPA Patent Attorneys Pty Ltd

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(21) 2023233194

(71) Clinicomp International, Inc.
(11) AU-A-2025202147
(21) 2025202147 (22) 25.03.2025
(54) Method and system for adapting programs for interoperability and adapters therefor
(51) Int. Cl.

G06F 16/25 (2019.01)
G06F 9/54 (2006.01)
G06F 16/242 (2019.01)
G06F 16/2453 (2019.01)
H04L 65/40 (2022.01)
(43) 10.04.2025
(62) 2023203735
(72) HAUDENSCHILD, Chris A.
(74) FB Rice Pty Ltd

(71) COMPOSECURE, LLC
(11) AU-A-2025202101
(21) 2025202101 (22) 24.03.2025
(54) METHOD AND SYSTEM FOR GENERATING A DYNAMIC CARD VERIFICATION VALUE FOR PROCESSING A TRANSACTION
(51) Int. Cl.

G06Q 20/34 (2012.01)
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(43) 10.04.2025
(62) 2021382569
(72) LOWE, Adam; NUZUM, Todd
(74) Houlihan Intellectual Property Pty Ltd

(71) ConocoPhillips Company
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(21) 2025202062 (22) 21.03.2025
(54) ELEMENTAL SULFUR ANALYSIS IN FLUIDS
(51) Int. Cl.

B01D 53/81 (2006.01)
B01D 53/96 (2006.01)
B01J 20/34 (2006.01)
(43) 10.04.2025
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(72) Locklear, Jay; Crowe, Clinton
(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2024219989
(21) 2024219989 (22) 23.09.2024
(54) Produce Forecasting System and Method
(51) Int. Cl.

G06V 20/10 (2022.01)
G06Q 50/02 (2012.01)
G06T 7/00 (2017.01)
G06V 10/62 (2022.01)
G06V 10/82 (2022.01)
G06V 20/68 (2022.01)
G01N 21/84 (2006.01)
G06V 10/56 (2022.01)
(31) 2023903077 (32) 25.09.23 (33) AU
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(72) VOUTIER, Paul; OLIVER, Leigh
(74) Argon IP Advisory Pty Ltd

(71) Crayola LLC
(11) AU-A-2024219974
(21) 2024219974 (22) 23.09.2024
(54) SPIN AND/OR SPIRAL DECORATING DEVICE FOR ARTWORK
(51) Int. Cl.

B43L 11/06 (2006.01)
B43L 13/20 (2006.01)
B44D 2/00 (2006.01)
(31) 63/540,420 (32) 26.09.23 (33) US
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2025200665 (22) 31.01.2025
(54) Modular tetravalent bispecific antibody platform
(51) Int. Cl.

C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
(43) 10.04.2025
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(72) MARASCO, Wayne A.
(74) Spruson & Ferguson

(71) Deere & Company
(11) AU-A-2024216286
(21) 2024216286 (22) 23.08.2024
(54) Sensor assembly, agricultural machine and associated method

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A01D 41/127 (2006.01)
G01N 21/35 (2014.01)
(31) 102023126147.9 (32) 26.09.23 (33) DE
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(74) Davies Collison Cave Pty Ltd

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(21) 2024216294 (22) 23.08.2024
(54) Basecutter assembly control for a sugarcane harvester
(51) Int. Cl.
A01D 45/10 (2006.01)
A01D 34/74 (2006.01)
A01D 41/127 (2006.01)
(31) 18/475,282 (32) 27.09.23 (33) US
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(54) Integration of high frequency audio reconstruction techniques
(51) Int. Cl.
G10L 21/0388 (2013.01)
G10L 19/02 (2013.01)
G10L 19/24 (2013.01)
(43) 10.04.2025
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(54) A POOL SCOOP AND NET
(51) Int. Cl.
E04H 4/16 (2006.01)
B01D 35/28 (2006.01)
C02F 1/00 (2023.01)
C02F 103/42 (2006.01)
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(72) Dunne, Wendy
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2025202109
(21) 2025202109 (22) 24.03.2025
(54) Early detection of defects on single-wire earth-return powerlines using a low-voltage sensing method
(51) Int. Cl.
G01R 31/08 (2020.01)
G01R 19/00 (2006.01)
G01S 5/06 (2006.01)
G01S 19/42 (2010.01)
G16Y 20/30 (2020.01)
H02H 1/00 (2006.01)

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(72) WONG, Khoi Loon; MARXSEN, Anthony Linton
(74) FPA Patent Attorneys Pty Ltd

(71) E INK CORPORATION
(11) AU-A-2025202075
(21) 2025202075 (22) 21.03.2025
(54) METHOD FOR DRIVING ELECTROPHORETIC DISPLAY DEVICE
(51) Int. Cl.
G02F 1/167 (2019.01)
G02F 1/1676 (2019.01)
G02F 1/1685 (2019.01)
G09G 3/34 (2006.01)
(43) 10.04.2025
(62) 2022339893
(72) LIN, Craig; ZHENG, Xiaolong
(74) RnB IP Pty Ltd

(71) ESKA Lederhandschuhfabrik Ges.m.b.H. & Co.KG
(11) AU-A-2024220140
(21) 2024220140 (22) 26.09.2024
(54) Gripping element and heat-resistant glove with a gripping element
(51) Int. Cl.
A41D 19/015 (2006.01)
(31) 23199640.6 (32) 26.09.23 (33) EP
(43) 10.04.2025
(72) STUMMER, Ludwig
(74) Spruson & Ferguson

(71) ESSILOR INTERNATIONAL
(11) AU-A-2025202116
(21) 2025202116 (22) 24.03.2025
(54) System and method for determining a modification or a change of an initial myopia control solution used by a myopic subject
(51) Int. Cl.
A61B 3/10 (2006.01)
A61B 3/103 (2006.01)
(43) 10.04.2025
(62) 2021403599
(72) TOH, Yin Zhen Janice; PAILLE, Damien; GARCIN, Gilles
(74) Griffith Hack

(71) Everseen Limited
(11) AU-A-2025202160
(21) 2025202160 (22) 26.03.2025
(54) SYSTEM AND METHOD FOR PROCESS OPTIMIZATION IN AN OPERATIONAL ENVIRONMENT USING ARTIFICIAL INTELLIGENCE
(51) Int. Cl.
G06Q 10/00 (2023.01)
(43) 10.04.2025
(62) 2023201759
(72) O'HERLIHY, Alan; CIUBOTARU, Bogdan; PARVU, Ovidiu; PESCARU, Dan Alexandru; GUI, Vasile; ALLEN, Joe; SISKOS, Alexandros L.; HEGARTY, Raymond
(74) James & Wells Intellectual Property

(71) EVOBEND GmbH
(11) AU-A-2024219425
(21) 2024219425 (22) 05.09.2024
(54) Method for producing a seam using a bending machine, and bending machine configured for this purpose
(51) Int. Cl.
B21D 5/16 (2006.01)
B21D 19/08 (2006.01)
(31) 10 2023 126 256.4 (32) 27.09.23 (33) DE
(43) 10.04.2025
(72) DUSCHER, Nikolaus Franz; ALLERBERGER, Emanuel
(74) DAVIS IP PTY LTD

(71) EVOBEND GmbH
(11) AU-A-2024219426
(21) 2024219426 (22) 05.09.2024
(54) Method for producing a seam using a bending machine, and bending machine configured for this purpose
(51) Int. Cl.
B21D 5/16 (2006.01)
B21D 19/08 (2006.01)
(31) 10 2023 126 265.3 (32) 27.09.23 (33) DE
(43) 10.04.2025
(72) DUSCHER, Nikolaus Franz; ALLERBERGER, Emanuel
(74) DAVIS IP PTY LTD

(71) EVOBEND GmbH
(11) AU-A-2024219428
(21) 2024219428 (22) 05.09.2024
(54) Method for producing a recess using a bending machine, and bending machine configured for this purpose
(51) Int. Cl.
B21D 5/16 (2006.01)
B21D 19/08 (2006.01)
(31) 10 2023 126 271.8 (32) 27.09.23 (33) DE
(43) 10.04.2025
(72) DUSCHER, Nikolaus Franz; ALLERBERGER, Emanuel
(74) DAVIS IP PTY LTD

(71) Expro North Sea Limited
(11) AU-A-2024219943
(21) 2024219943 (22) 20.09.2024
(54) System and method for barrier installation in a wellbore
(51) Int. Cl.
E21B 33/14 (2006.01)
E21B 23/00 (2006.01)
(31) 63/539,889 (32) 22.09.23 (33) US
(43) 10.04.2025
(72) HORN, Tristram Paul; EHLINGER, Jeffry
(74) Spruson & Ferguson

(71) Exscientia GmbH
(11) AU-A-2025202027
(21) 2025202027 (22) 20.03.2025
(54) Methods for determining interaction between biological cells
(51) Int. Cl.
G01N 33/569 (2006.01)

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G01N 33/574 (2006.01)
(43) 10.04.2025
(62) 2018223967
(72) Krall, Nikolaus
(74) Davies Collison Cave Pty Ltd

(71) Ferton Holding S.A.
(11) AU-A-2025202064
(21) 2025202064 **(22)** 21.03.2025
(54) NOZZLE SYSTEM, POWDER BLAST-
 ING DEVICE AND METHOD FOR US-
 ING A NOZZLE SYSTEM
(51) Int. Cl.
A61C 17/02 (2006.01)
A61C 3/025 (2006.01)
(43) 10.04.2025
(62) 2019319615
(72) Beani, Florent; Donnet, Marcel; Fourni-
 er, Maxime; Sauvageot-Maxit, Karine;
 Pichat, Patrick; Bertolote, Tiago
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Flagship Pioneering Innovations V, Inc.
(11) AU-A-2025200497
(21) 2025200497 **(22)** 24.01.2025
(54) COMPOSITIONS COMPRISING
 CURONS AND USES THEREOF
(51) Int. Cl.
C12N 15/86 (2006.01)
(43) 10.04.2025
(62) 2018285860
(72) Kahvejian, Avak; Weinstein, Erica Gab-
 rielle; Plugis, Nicholas McCartney;
 Lebo, Kevin James; Diaz, Fernando
 Martin; Nawandar, Dhananjay Maniklal
(74) Davies Collison Cave Pty Ltd

(71) FMI BUILDING INNOVATION LIMITED
(11) AU-A-2024219704
(21) 2024219704 **(22)** 13.09.2024
(54) IMPROVED HINGE FOR FOLDING
 LEAF SYSTEMS
(51) Int. Cl.
E05D 15/26 (2006.01)
E05D 5/14 (2006.01)
E06B 1/36 (2006.01)
E06B 3/48 (2006.01)
E06B 3/50 (2006.01)
E05D 5/02 (2006.01)
E05D 5/04 (2006.01)
E05D 5/10 (2006.01)
E05D 5/12 (2006.01)
E06B 1/16 (2006.01)
E06B 3/66 (2006.01)
(31) 804023 **(32)** 26.09.23 **(33)** NZ
(43) 10.04.2025
(72) LEWIS, Warren
(74) AJ PARK

(71) FORSSAN SUOJAINVALMISTUS OY
(11) AU-A-2025202018
(21) 2025202018 **(22)** 20.03.2025
(54) A respiratory protective device or face
 mask hygiene product, a method for the
 manufacture of reinforced textile part,
 nonwoven fabric part or their combina-
 tion part, and a filter

(51) Int. Cl.
A41D 13/11 (2006.01)
A62B 18/02 (2006.01)
(43) 10.04.2025
(62) 2021415125
(72) PORANEN, Taneli; KOTINIEMI, Sami
(74) Griffith Hack

(71) Fortitude Essentials Pty Ltd
(11) AU-A-2024219965
(21) 2024219965 **(22)** 22.09.2024
(54) MOBILE TRANSITIONAL ACCESS FA-
 CILITY
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
B60P 3/36 (2006.01)
G16H 40/60 (2018.01)
(31) 2023903068 **(32)** 22.09.23 **(33)** AU
(43) 10.04.2025
(72) Irvine, Andrew; Taylor, Daniel
(74) Fortitude Essentials Pty Ltd

(71) GammaDelta Therapeutics Limited;
 King's College London
(11) AU-A-2025200577
(21) 2025200577 **(22)** 29.01.2025
(54) BTNL3/8 targeting constructs for deliv-
 ery of payloads to the gastrointestinal
 system
(51) Int. Cl.
C07K 14/705 (2006.01)
(43) 10.04.2025
(62) 2019283314
(72) NUSSBAUMER, Oliver; POLYAKOVA,
 Oxana; MEHTA, Raj; HAYDAY, Adrian;
 VANTOUROUT, Pierre; ZLATAREVA,
 Iva; MELANDRI, Daisy; DART, Robin
 John Campbell; LAING, Adam
(74) Allens Patent & Trade Mark Attorneys

(71) Grail, LLC
(11) AU-A-2025202052
(21) 2025202052 **(22)** 21.03.2025
(54) Cancer classification with tissue of ori-
 gin thresholding
(51) Int. Cl.
G16B 40/20 (2019.01)
G16H 50/20 (2018.01)
(43) 10.04.2025
(62) 2020361591
(72) LIU, Qinwen; VENN, Oliver, Claude;
 GROSS, Samuel, S.; CALEF, Robert,
 Abe, Paine
(74) FB Rice Pty Ltd

(71) GUANGDONG OPPO MOBILE TELE-
 COMMUNICATIONS CORP., LTD.
(11) AU-A-2025202141
(21) 2025202141 **(22)** 25.03.2025
(54) Image encoding method, image decod-
 ing method, encoder, decoder and stor-
 age medium
(51) Int. Cl.
H04N 19/117 (2014.01)

(43) 10.04.2025
(62) 2019455073
(72) WAN, Shuai; HUO, Junyan; MA, Yan-
 zhuo; YANG, Fuzheng; GUO, Jinkun;
 WANG, Haixin
(74) Spruson & Ferguson

(71) GUANGDONG OPPO MOBILE TELE-
 COMMUNICATIONS CORP., LTD.
(11) AU-A-2025202142
(21) 2025202142 **(22)** 25.03.2025
(54) Image encoding method, image decod-
 ing method, encoder, decoder and stor-
 age medium
(51) Int. Cl.
H04N 19/117 (2014.01)
(43) 10.04.2025
(62) 2019455073
(72) WAN, Shuai; HUO, Junyan; MA, Yan-
 zhuo; YANG, Fuzheng; GUO, Jinkun;
 WANG, Haixin
(74) Spruson & Ferguson

(71) GUANGDONG OPPO MOBILE TELE-
 COMMUNICATIONS CORP., LTD.
(11) AU-A-2025202148
(21) 2025202148 **(22)** 25.03.2025
(54) Image encoding method, image decod-
 ing method, encoder, decoder and stor-
 age medium
(51) Int. Cl.
H04N 19/117 (2014.01)
(43) 10.04.2025
(62) 2019455073
(72) WAN, Shuai; HUO, Junyan; MA, Yan-
 zhuo; YANG, Fuzheng; GUO, Jinkun;
 WANG, Haixin
(74) Spruson & Ferguson

(71) GUANGDONG OPPO MOBILE TELE-
 COMMUNICATIONS CORP., LTD.
(11) AU-A-2025202149
(21) 2025202149 **(22)** 25.03.2025
(54) Image encoding method, image decod-
 ing method, encoder, decoder and stor-
 age medium
(51) Int. Cl.
H04N 19/117 (2014.01)
(43) 10.04.2025
(62) 2019455073
(72) WAN, Shuai; HUO, Junyan; MA, Yan-
 zhuo; YANG, Fuzheng; GUO, Jinkun;
 WANG, Haixin
(74) Spruson & Ferguson

(71) Guangdong Yuantuo Technology Co.,
 Ltd
(11) AU-A-2024203348
(21) 2024203348 **(22)** 20.05.2024
(54) Fishing reel battery
(51) Int. Cl.
A01K 89/017 (2006.01)
H01M 10/00 (2006.01)
H01M 50/204 (2021.01)
H01M 50/247 (2021.01)
(31) 2023226092964 **(32)** 26.09.23 **(33)** CN

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(72) Lin, Yuhang; Lin, Xiaohui; Lin, Yuqin
(74) LIANG ZHAO

(71) HEXION INC.
(11) AU-A-2025202034
(21) 2025202034 (22) 20.03.2025
(54) PROCESS AND COMPOSITION FOR TREATING AN ORE
(51) Int. Cl.
B03D 103/02 (2006.01)
B03D 1/006 (2006.01)
B03D 1/008 (2006.01)

(43) 10.04.2025
(62) 2023385918
(72) CURRIE, Robert Bruce; GAJADHUR, Anjennee Jessica; COBBLEDICK, Christopher
(74) Griffith Hack

(71) HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2025202056
(21) 2025202056 (22) 21.03.2025
(54) BEACON FRAME TRANSMISSION METHOD IN EMLSR MODE, AND RELATED APPARATUS
(51) Int. Cl.
H04W 74/08 (2024.01)
(43) 10.04.2025
(62) 2022267599
(72) LI, Yiqing; GUO, Yuchen; LI, Yunbo; HUANG, Guogang; GAN, Ming
(74) Halfords IP

(71) ICL CATODOS LTDA.
(11) AU-A-2024219844
(21) 2024219844 (22) 18.09.2024
(54) SYSTEM AND PROCESS FOR WELDING A CATHODE PLATE TO A CONDUCTIVE BAR
(51) Int. Cl.
B23K 37/04 (2006.01)
B23K 37/02 (2006.01)
B23K 101/38 (2006.01)
(31) 202302829 (32) 22.09.23 (33) CL
(43) 10.04.2025
(72) CARRACEDO MESCHI, Patricio Antonio
(74) Halfords IP

Illumina, Inc. see University of Washington
(21) 2025201842

(71) Immatix Biotechnologies GmbH
(11) AU-A-2025202086
(21) 2025202086 (22) 24.03.2025
(54) T CELL RECEPTORS AND IMMUNE THERAPY USING THE SAME AGAINST PRAME POSITIVE CANCERS
(51) Int. Cl.
A61K 39/395 (2006.01)

(43) 10.04.2025
(62) 2018240501
(72) Alten, Leonie; Maurer, Dominik; Bunk, Sebastian; Wagner, Claudia; Ferber, Mathias
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Imtrade Australia Pty Ltd
(11) AU-A-2024220048
(21) 2024220048 (22) 25.09.2024
(54) Pesticide formulation comprising diafenthuron
(51) Int. Cl.
A01N 47/30 (2006.01)
A01N 25/14 (2006.01)
A01N 25/30 (2006.01)
A01P 7/00 (2006.01)
A01P 7/04 (2006.01)
(31) 2023903115 (32) 27.09.23 (33) AU
(43) 10.04.2025
(72) MCPHEE, Neil; RAINBIRD, Ross
(74) Spruson & Ferguson

(71) Intellia Therapeutics, Inc.; Novartis AG
(11) AU-A-2025200366
(21) 2025200366 (22) 17.01.2025
(54) Compositions and methods for the treatment of hemoglobinopathies
(51) Int. Cl.
C12N 15/113 (2010.01)
(43) 10.04.2025
(62) 2022202558
(72) BOITANO, Anthony Edward; COOKE, Michael; KLIICKSTEIN, Lloyd B.; LES-CARBEAU, Reynald; MICKANIN, Craig Stephen; MULUMBA, Kabungo; POLICE, Seshidar Reddy; SNEAD, Jennifer; STEVENSON, Susan C.; STEWART, Morag; YANG, Yi
(74) Davies Collison Cave Pty Ltd

(71) Intercontinental Great Brands LLC
(11) AU-A-2025202108
(21) 2025202108 (22) 24.03.2025
(54) Packaging box
(51) Int. Cl.
B65D 6/24 (2006.01)
B65D 25/52 (2006.01)
B65D 81/32 (2006.01)
B65D 83/04 (2006.01)
(43) 10.04.2025
(62) 2021318953
(72) MA, Li; ISASIS CELIS, Marco Antonio
(74) Griffith Hack

(71) IntraBio Limited
(11) AU-A-2025202077
(21) 2025202077 (22) 21.03.2025
(54) Therapeutic agents for neurodegenerative diseases
(51) Int. Cl.
A61K 31/13 (2006.01)
A61P 25/00 (2006.01)
(43) 10.04.2025
(62) 2023202121
(72) STRUPP, Michael
(74) Spruson & Ferguson

(71) JOHNSON & JOHNSON VISION CARE, INC.
(11) AU-A-2024259655
(21) 2024259655 (22) 24.09.2024
(54) OPTIMIZED POSTERIOR SURFACE FOR TORIC CONTACT LENSES
(51) Int. Cl.
G02C 7/04 (2006.01)
(31) 18/373,757 (32) 27.09.23 (33) US
(43) 10.04.2025
(72) GERLIGAND, Pierre-Yves; ZEINALI, Shahrokh
(74) Spruson & Ferguson

(71) Juul Labs, Inc.
(11) AU-A-2025202033
(21) 2025202033 (22) 20.03.2025
(54) Nicotine salt formulations for aerosol devices and methods thereof
(51) Int. Cl.
A24F 47/00 (2020.01)
(43) 10.04.2025
(62) 2023202508
(72) BOWEN, Adam; XING, Chenyue
(74) Spruson & Ferguson

(71) KIM, M.
(11) AU-A-2025202004
(21) 2025202004 (22) 19.03.2025
(54) String Instrument for Educational Use
(51) Int. Cl.
G10D 1/05 (2020.01)
G09B 15/00 (2006.01)
G10D 3/06 (2020.01)
G10D 3/14 (2020.01)
(43) 10.04.2025
(62) 2021436617
(72) KIM, Minhong
(74) Acacia Law

King's College London see GammaDelta Therapeutics Limited
(21) 2025200577

(71) Leadfarm (Australia) Pty Ltd
(11) AU-A-2025202155
(21) 2025202155 (22) 25.03.2025
(54) Herbicide preparations and processes for manufacture thereof
(51) Int. Cl.
A01N 47/36 (2006.01)
A01P 13/00 (2006.01)
A01N 25/12 (2006.01)
A01N 25/30 (2006.01)
(43) 10.04.2025
(62) 2024201110
(72) Zhang, Hui Ming; Zhang, Yi Xiang
(74) Davies Collison Cave Pty Ltd

(71) LYRO Robotics Pty Ltd
(11) AU-A-2024201595
(21) 2024201595 (22) 11.03.2024
(54) MOTION ARRESTOR ASSEMBLY
(51) Int. Cl.

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B25J 15/06 (2006.01)
B25J 9/14 (2006.01)
B65G 47/91 (2006.01)
(31) 2023903084 **(32)** 25.09.23 **(33)** AU
(43) 10.04.2025
(72) Kelly-Boxall, Norton
(74) Michael Buck IP

(71) MannKind Corporation
(11) AU-A-2025202053
(21) 2025202053 **(22)** 21.03.2025
(54) COMPOSITION AND METHOD FOR INHALATION
(51) Int. Cl.
A61K 31/557 (2006.01)
A61K 9/00 (2006.01)
A61K 9/48 (2006.01)
(43) 10.04.2025
(62) 2019282808
(72) GUARNERI, Joseph J.; AMIN, Nikhil; GRANT, Marshall L.; FREEMAN, John J.; KRAFT, Kelly S.
(74) K&L Gates

(71) MAX CO., LTD.
(11) AU-A-2025202043
(21) 2025202043 **(22)** 21.03.2025
(54) STAPLE
(51) Int. Cl.
A01G 9/12 (2006.01)
A01G 17/10 (2006.01)
(43) 10.04.2025
(62) 2021371531
(72) OSUGA, Satoshi; ASAI, Masatoshi
(74) AJ PARK

(71) MAXIMUS PEDESTAL SYSTEMS PTY LTD
(11) AU-A-2024227304
(21) 2024227304 **(22)** 25.09.2024
(54) ADAPTABLE PEDESTAL ASSEMBLY AND SYSTEM FOR LEVELLING CONSTRUCTION SURFACES
(51) Int. Cl.
E04F 15/024 (2006.01)
(31) 2023903090 **(32)** 25.09.23 **(33)** AU
(43) 10.04.2025
(72) RIVELLI, Andrew; RIVELLI, Philip; ALL-WOOD, Jack Joseph; JARRATT, Kyle Murray Gordon
(74) Pini IP

(71) MAX-INF (NINGBO) BABY PRODUCT CO., LTD.
(11) AU-A-2024339214
(21) 2024339214 **(22)** 21.06.2024
(54) SEAT BODY ANGLE ADJUSTMENT STRUCTURE AND CHILD SAFETY SEAT
(51) Int. Cl.
B60N 2/28 (2006.01)
(31) 202311262027.3 **(32)** 27.09.23 **(33)** CN
(43) 10.04.2025
(72) ZHOU, Xiaolin
(74) A.P.T. Patent and Trade Mark Attorneys

(71) Maytronics Ltd.
(11) AU-A-2024219751
(21) 2024219751 **(22)** 16.09.2024
(54) SUBMERGED POOL RELATED PLATFORM WITH A CONTROLLABLE JET FLUID UNIT
(51) Int. Cl.
E04H 4/16 (2006.01)
B05B 1/02 (2006.01)
C02F 103/42 (2006.01)
C02F 103/44 (2006.01)
(31) 63/582,822 **(32)** 14.09.23 **(33)** US
 63/621,819 17.01.24 US
(43) 10.04.2025
(72) Ben-Dov, Boaz; Yosimov, Leonid
(74) Michael Buck IP

(71) Medcover Public Co Ltd
(11) AU-A-2025200522
(21) 2025200522 **(22)** 24.01.2025
(54) TARGET-ENRICHED MULTIPLEXED PARALLEL ANALYSIS FOR ASSESSMENT OF TUMOR BIOMARKERS
(51) Int. Cl.
C12Q 1/6806 (2018.01)
C12Q 1/6883 (2018.01)
C12Q 1/6886 (2018.01)
(43) 10.04.2025
(62) 2018298443
(72) KOUMBARIS, George; IOANNIDES, Marios; KYPRI, Elena; ACHILLEOS, Acilleas; MINA, Petros; ELIADES, Alexia; LOIZIDES, Charalampos; PATSALIS, Philippos
(74) Gestalt Law Pty Ltd

(71) MSP Mine Support Products
(11) AU-A-2024216323
(21) 2024216323 **(22)** 23.08.2024
(54) SUPPORT PROP
(51) Int. Cl.
E21D 15/44 (2006.01)
E21D 15/14 (2006.01)
(31) 2023/08923 **(32)** 21.09.23 **(33)** ZA
(43) 10.04.2025
(72) Engelstoft Nissen, Christian
(74) Bennett Litigation and Commercial Law

(71) MuPharma Pty Ltd
(11) AU-A-2025202128
(21) 2025202128 **(22)** 25.03.2025
(54) Non-invasive agent applicator
(51) Int. Cl.
A61M 37/00 (2006.01)
A61N 1/30 (2006.01)
(43) 10.04.2025
(62) 2023202518
(72) UNGER, Harry; LANGELIER, Sean Michael; UNGER, Mark
(74) Spruson & Ferguson

Novartis AG see Intellia Therapeutics, Inc.
(21) 2025200366

(71) Novartis AG
(11) AU-A-2025202045

(21) 2025202045 **(22)** 21.03.2025
(54) Pharmaceutical composition
(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
A61K 31/505 (2006.01)
(43) 10.04.2025
(62) 2022214490
(72) JUHNKE, Michael; RAPP, Karin; SIN, Kim-Hien
(74) Davies Collison Cave Pty Ltd

(71) O'Connell, D.
(11) AU-A-2023237020
(21) 2023237020 **(22)** 25.09.2023
(54) Vehicle awning assembly
(51) Int. Cl.
E04H 15/08 (2006.01)
B60R 11/00 (2006.01)
E04H 15/06 (2006.01)
E04H 15/46 (2006.01)
E04H 15/54 (2006.01)
(43) 10.04.2025
(72) O'CONNELL, Derek
(74) Spruson & Ferguson

(71) Officine Maccaferri S.p.A.
(11) AU-A-2025202127
(21) 2025202127 **(22)** 25.03.2025
(54) Sensor-fitted metal net
(51) Int. Cl.
B21F 27/02 (2006.01)
B21F 27/00 (2006.01)
B21F 27/06 (2006.01)
E01F 7/04 (2006.01)
E02B 3/12 (2006.01)
E04C 5/04 (2006.01)
(43) 10.04.2025
(62) 2019244789
(72) FERRAILOLO, Francesco
(74) FB Rice Pty Ltd

(71) OxiWear, Inc.
(11) AU-A-2025201555
(21) 2025201555 **(22)** 04.03.2025
(54) WEARABLE EARPIECE OXYGEN MONITOR
(51) Int. Cl.
A61B 5/1455 (2006.01)
A61B 5/00 (2006.01)
G08B 21/02 (2006.01)
H04R 1/10 (2006.01)
(43) 10.04.2025
(62) 2020296003
(72) FERNANDO, Shavini
(74) RnB IP Pty Ltd

(71) Paratek Pharmaceuticals, Inc.
(11) AU-A-2025202020
(21) 2025202020 **(22)** 20.03.2025
(54) Methods for treating and preventing C. difficile infection
(51) Int. Cl.
A61K 31/65 (2006.01)

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(43) 10.04.2025
(62) 2023200798
(72) TANAKA, S Ken; DRAPER, Michael P
(74) FB Rice Pty Ltd

(71) PAYPAL, INC.
(11) AU-A-2025202150
(21) 2025202150 (22) 25.03.2025
(54) Systems and methods for managing electronic transactions
(51) Int. Cl.
G06Q 20/36 (2012.01)
G06Q 20/04 (2012.01)
G06Q 20/06 (2012.01)
G06Q 20/08 (2012.01)

(43) 10.04.2025
(62) 2021416088
(72) PRABHU, Nitin; SINGH, Meghna; BOX, John Michael; CHATTERJEE, Avik
(74) FPA Patent Attorneys Pty Ltd

(71) Pincini, J.
(11) AU-A-2023233130
(21) 2023233130 (22) 21.09.2023
(54) liqueur. "Helmo's Punch"
(51) Int. Cl.
C12G 3/06 (2006.01)
A23L 19/00 (2016.01)
A23L 27/00 (2016.01)
A23L 27/20 (2016.01)
C12G 3/04 (2019.01)

(43) 10.04.2025
(72) Helmuth, John; Pincini, Jason
(74) Jason Pincini

(71) Pivot Bio, Inc.
(11) AU-A-2025202026
(21) 2025202026 (22) 20.03.2025
(54) Agricultural compositions comprising remodeled nitrogen fixing microbes
(51) Int. Cl.
C05F 11/08 (2006.01)
A01N 63/20 (2020.01)
C07K 14/195 (2006.01)
C12N 1/20 (2006.01)
C12N 15/63 (2006.01)

(43) 10.04.2025
(62) 2019291824
(72) REISINGER, Mark; SANDERS, Ernest; BROGLIE, Richard; TEMME, Karsten
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Pratt Retail Specialties, LLC
(11) AU-A-2025202152
(21) 2025202152 (22) 25.03.2025
(54) Box Liner
(51) Int. Cl.
B65D 81/00 (2006.01)
B65D 5/00 (2006.01)
B65D 5/56 (2006.01)
B65D 81/38 (2006.01)
(43) 10.04.2025
(62) 2018260901
(72) Waltermire, Jamie; Ott, Paul
(74) Golja Haines & Friend

(71) Pratt Retail Specialties, LLC
(11) AU-A-2025202153
(21) 2025202153 (22) 25.03.2025
(54) Box Liner
(51) Int. Cl.
B65D 81/00 (2006.01)
B65D 5/00 (2006.01)
B65D 5/56 (2006.01)
B65D 81/38 (2006.01)
(43) 10.04.2025
(62) 2018260901
(72) Waltermire, Jamie; Ott, Paul
(74) Golja Haines & Friend

(71) Prilenia Neurotherapeutics Ltd.
(11) AU-A-2025201999
(21) 2025201999 (22) 19.03.2025
(54) Treatment of mitochondrial associated diseases and disorders, including symptoms thereof using pridopidine
(51) Int. Cl.
A61K 31/451 (2006.01)
A61K 9/00 (2006.01)
A61P 25/00 (2006.01)
(43) 10.04.2025
(62) 2023203435
(72) HAYDEN, Michael; GEVA, Michal; CARVALHO REGO, Ana Cristina
(74) Griffith Hack

(71) Proda Biotech LLC
(11) AU-A-2025202025
(21) 2025202025 (22) 20.03.2025
(54) Molecules disrupting pyruvate kinase M2 and integrin interaction and uses thereof
(51) Int. Cl.
C07K 14/515 (2006.01)
A61K 39/395 (2006.01)
C07K 16/40 (2006.01)
(43) 10.04.2025
(62) 2023203255
(72) LIU, Zhi-ren; LI, Liangeiwei; ZHANG, Yinwei
(74) FPA Patent Attorneys Pty Ltd

(71) Profile Group Limited
(11) AU-A-2024203360
(21) 2024203360 (22) 21.05.2024
(54) A PACKING SYSTEM, A BRACKET THEREFOR, AND A METHOD OF USING SAME
(51) Int. Cl.
B65D 61/00 (2006.01)
B65D 85/20 (2006.01)
(31) 803922 (32) 21.09.23 (33) NZ
(43) 10.04.2025
(72) BAINES, Ian; GRACE, Anthony
(74) James & Wells Intellectual Property

(71) Pyrogenesis Canada Inc.
(11) AU-A-2025201989
(21) 2025201989 (22) 19.03.2025
(54) METHOD AND APPARATUS FOR PRODUCING HIGH PURITY SPHERICAL METALLIC POWDERS AT HIGH

PRODUCTION RATES FROM ONE OR TWO WIRES
(51) Int. Cl.
B22F 9/14 (2006.01)
H05H 1/26 (2006.01)
(43) 10.04.2025
(62) 2019280271
(72) PROULX, François; DORVAL DION, Christopher Alex; CARABIN, Pierre
(74) Franke Hyland Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2025201454
(21) 2025201454 (22) 28.02.2025
(54) Antigen-binding proteins that antagonize leptin receptor
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
(43) 10.04.2025
(62) 2017359439
(72) Gromada, Jesper; Stevis, Panayiotis; Altarejos, Judith
(74) AJ PARK

(71) Regeneron Pharmaceuticals, Inc.
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(21) 2025201922 (22) 18.03.2025
(54) COMPOSITIONS AND METHODS FOR INTERNALIZING ENZYMES
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/47 (2006.01)
A61P 43/00 (2006.01)
C12N 9/34 (2006.01)
(43) 10.04.2025
(62) 2018281280
(72) Baik, Andrew; Cygnar, Katherine; Schoenherr, Christopher; Kyratsous, Christos; Wang, Cheng
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ResMed Pty Ltd
(11) AU-A-2025202065
(21) 2025202065 (22) 21.03.2025
(54) VENT ADAPTOR FOR A RESPIRATORY THERAPY SYSTEM
(51) Int. Cl.
A61M 16/16 (2006.01)
(43) 10.04.2025
(62) 2023208184
(72) Dantanarayana, Muditha Pradeep; Formica, Justin John; Jones, Richard Llewelyn; Ormrod, Joseph Samuel; Tan, Chia Ik; Wehbeh, Jamie Graeme
(74) Halfords IP

(71) Resource Conservation and Recycling Corporation Pty Ltd
(11) AU-A-2025202070
(21) 2025202070 (22) 21.03.2025
(54) Process for recovering values from batteries
(51) Int. Cl.
H01M 10/54 (2006.01)
B02C 23/38 (2006.01)
B03B 9/06 (2006.01)

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C22B 7/00 (2006.01)
C22B 26/12 (2006.01)

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 (62) 2021324137
 (72) MACKENZIE, Andrew; NAPIER, Andrew; SKALSKI, Andrew
 (74) FB Rice Pty Ltd

(71) Rhino Hide Pty. Ltd.
 (11) AU-A-2025202073
 (21) 2025202073 (22) 21.03.2025
 (54) A Panel Assembly, A Panel, A Mounting Arrangement and a Method of Securing same to a Surface
 (51) Int. Cl.
B60J 11/06 (2006.01)
B60R 13/04 (2006.01)
F16B 5/06 (2006.01)
F16B 5/12 (2006.01)
F16B 19/02 (2006.01)
 (43) 10.04.2025
 (62) 2022291588
 (72) BERRYMAN, Marc John; HOUSTON, Rod
 (74) WRAYS PTY LTD

(71) Riken; Sumitomo Pharma Co., Ltd.
 (11) AU-A-2025202036
 (21) 2025202036 (22) 20.03.2025
 (54) Method for preserving neural tissue
 (51) Int. Cl.
C12N 1/04 (2006.01)
C12N 5/079 (2010.01)
 (43) 10.04.2025
 (62) 2018303829
 (72) MANDAI, Michiko; TAKAHASHI, Masayo; KUWAHARA, Atsushi; WATARI, Kenji; MATSUSHITA, Keizo
 (74) Spruson & Ferguson

(71) S. C. Johnson & Son, Inc.
 (11) AU-A-2025202023
 (21) 2025202023 (22) 20.03.2025
 (54) Strip free floor system
 (51) Int. Cl.
C09D 7/00 (2018.01)
 (43) 10.04.2025
 (62) 2019287444
 (72) SAVAGLIO, Carmine; COOK, Teresa L.; LONGORIA, Ana F.; KAY, Robert K. H.
 (74) Spruson & Ferguson

(71) SAGE PRODUCTS LLC
 (11) AU-A-2025202003
 (21) 2025202003 (22) 19.03.2025
 (54) Devices and Systems for Urine Collection
 (51) Int. Cl.
A61F 5/44 (2006.01)
A61F 5/441 (2006.01)
A61F 5/443 (2006.01)
A61F 5/451 (2006.01)
A61F 5/453 (2006.01)
A61F 5/455 (2006.01)

(43) 10.04.2025
 (62) 2021409949
 (72) KHARKAR, Prathamesh; EKLUND, Brian; BLABAS, Brett
 (74) Davies Collision Cave Pty Ltd

(71) Samsung Electronics Co., Ltd.
 (11) AU-A-2025202001
 (21) 2025202001 (22) 19.03.2025
 (54) Method and apparatus for transmission or reception of data in communication system
 (51) Int. Cl.
H04L 1/00 (2006.01)
H04B 7/06 (2006.01)
H04W 72/12 (2023.01)
 (43) 10.04.2025
 (62) 2020221134
 (72) YEO, Jeongho; MYUNG, Seho; KIM, Yongok; OH, Jinyoung
 (74) Griffith Hack

(71) Samsung Electronics Co., Ltd.
 (11) AU-A-2025202054
 (21) 2025202054 (22) 21.03.2025
 (54) VIDEO DECODING METHOD AND APPARATUS, AND VIDEO ENCODING METHOD AND APPARATUS
 (51) Int. Cl.
H04N 19/117 (2014.01)
H04N 19/174 (2014.01)
H04N 19/186 (2014.01)
H04N 19/86 (2014.01)
 (43) 10.04.2025
 (62) 2023270341
 (72) Choi, Woongil; Park, Minsoo; Park, Minwoo; Jeong, Seungsoo; Choi, Kiho; Choi, Narae; Tamse, Anish; Piao, Yinji
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Samsung Electronics Co., Ltd.
 (11) AU-A-2025202059
 (21) 2025202059 (22) 21.03.2025
 (54) VIDEO DECODING METHOD AND APPARATUS, AND VIDEO ENCODING METHOD AND APPARATUS
 (51) Int. Cl.
H04N 19/117 (2014.01)
H04N 19/174 (2014.01)
H04N 19/186 (2014.01)
H04N 19/86 (2014.01)
 (43) 10.04.2025
 (62) 2023270341
 (72) Choi, Woongil; Park, Minsoo; Park, Minwoo; Jeong, Seungsoo; Choi, Kiho; Choi, Narae; Tamse, Anish; Piao, Yinji
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Samsung Electronics Co., Ltd.
 (11) AU-A-2025202060
 (21) 2025202060 (22) 21.03.2025
 (54) VIDEO DECODING METHOD AND APPARATUS, AND VIDEO ENCODING METHOD AND APPARATUS
 (51) Int. Cl.
H04N 19/117 (2014.01)
H04N 19/174 (2014.01)

H04N 19/186 (2014.01)
H04N 19/86 (2014.01)

(43) 10.04.2025
 (62) 2023270341
 (72) Choi, Woongil; Park, Minsoo; Park, Minwoo; Jeong, Seungsoo; Choi, Kiho; Choi, Narae; Tamse, Anish; Piao, Yinji
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Samsung Electronics Co., Ltd.
 (11) AU-A-2025202061
 (21) 2025202061 (22) 21.03.2025
 (54) VIDEO DECODING METHOD AND APPARATUS, AND VIDEO ENCODING METHOD AND APPARATUS
 (51) Int. Cl.
H04N 19/117 (2014.01)
H04N 19/174 (2014.01)
H04N 19/186 (2014.01)
H04N 19/86 (2014.01)
 (43) 10.04.2025
 (62) 2023270341
 (72) Choi, Woongil; Park, Minsoo; Park, Minwoo; Jeong, Seungsoo; Choi, Kiho; Choi, Narae; Tamse, Anish; Piao, Yinji
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Sanofi
 (11) AU-A-2025201957
 (21) 2025201957 (22) 18.03.2025
 (54) Combination therapies against cancer targeting CD38 and TGF-BETA
 (51) Int. Cl.
A61P 35/00 (2006.01)
C07K 16/22 (2006.01)
C07K 16/28 (2006.01)
 (43) 10.04.2025
 (62) 2019301283
 (72) ADRIAN, Francisco; GREGORY, Richard C.; SHAPIRO, Gary; VAN DE VELDE, Helgi
 (74) Griffith Hack

(71) SCANDINAVIAN BATTERY TECHNOLOGY AB
 (11) AU-A-2025202006
 (21) 2025202006 (22) 19.03.2025
 (54) Modular battery system
 (51) Int. Cl.
B60L 58/21 (2019.01)
B60L 58/18 (2019.01)
H01M 50/50 (2021.01)
H01M 50/509 (2021.01)
H01M 50/514 (2021.01)
 (43) 10.04.2025
 (62) 2023225539
 (72) MANNERHAGEN, Felix; ERIKSSON, Frank
 (74) Griffith Hack

(71) SCHLAGE LOCK COMPANY LLC
 (11) AU-A-2025201975
 (21) 2025201975 (22) 19.03.2025
 (54) ULTRA-WIDEBAND ACCESSORY DEVICES FOR RADIO FREQUENCY INTENT DETECTION IN ACCESS CONTROL SYSTEMS

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(51) Int. Cl.
G07C 9/00 (2020.01)
H04W 4/80 (2018.01)
H04W 12/06 (2021.01)
H04W 12/08 (2021.01)
(43) 10.04.2025
(62) 2022307542
(72) KINCAID, Ryan; BROWN, David;
LAND, Joseph
(74) Alder IP Pty Ltd

(71) SCREEN Holdings Co., Ltd.
(11) AU-A-2024205773
(21) 2024205773 (22) 15.08.2024
(54) ELECTRODE STRUCTURE
(51) Int. Cl.
C25B 9/01 (2021.01)
C25B 9/23 (2021.01)
C25B 9/63 (2021.01)
C25B 11/051 (2021.01)
C25B 11/055 (2021.01)
(31) 2023-155640 (32) 21.09.23 (33) JP
(43) 10.04.2025
(72) Kawakami, Takuto
(74) PHILLIPS ORMONDE FITZPATRICK

(71) SCREEN Holdings Co., Ltd.
(11) AU-A-2024205774
(21) 2024205774 (22) 15.08.2024
(54) ELECTRODE STRUCTURE
(51) Int. Cl.
H01M 8/24 (2016.01)
C25B 9/01 (2021.01)
C25B 9/15 (2021.01)
C25B 9/23 (2021.01)
C25B 9/60 (2021.01)
C25B 13/02 (2006.01)
C25B 13/04 (2021.01)
C25B 13/05 (2021.01)
C25B 13/08 (2006.01)
H01M 8/0284 (2016.01)
(31) 2023-155639 (32) 21.09.23 (33) JP
(43) 10.04.2025
(72) Kawakami, Takuto
(74) PHILLIPS ORMONDE FITZPATRICK

(71) SCREEN Holdings Co., Ltd.
(11) AU-A-2024205775
(21) 2024205775 (22) 15.08.2024
(54) ELECTRODE STRUCTURE
(51) Int. Cl.
H01M 8/02 (2016.01)
C25B 9/23 (2021.01)
C25B 9/60 (2021.01)
C25B 13/00 (2006.01)
H01M 8/0202 (2016.01)
H01M 8/0271 (2016.01)
(31) 2023-155638 (32) 21.09.23 (33) JP
(43) 10.04.2025
(72) Kawakami, Takuto
(74) PHILLIPS ORMONDE FITZPATRICK

SHAABAN, A.F. see THANDRA, V.
(21) 2025202151

(71) Shell Internationale Research
Maatschappij B.V.
(11) AU-A-2025202132
(21) 2025202132 (22) 25.03.2025
(54) Methods to provide electric power from
renewable energy equipment to an
electrical load
(51) Int. Cl.
H02J 3/38 (2006.01)
(43) 10.04.2025
(62) 2023211850
(72) SUN, Yin; LUNSHOF, Martijn
(74) Spruson & Ferguson

(71) Shenzhen Huachengda Precision In-
dustry Co.Ltd.
(11) AU-A-2024219663
(21) 2024219663 (22) 12.09.2024
(54) Electronic aerosol generation device
and atomizer thereof
(51) Int. Cl.
A24F 40/10 (2020.01)
A24F 40/46 (2020.01)
A24F 40/485 (2020.01)
A24F 40/50 (2020.01)
(31) 2023112490462 (32) 22.09.23 (33) CN
(43) 10.04.2025
(72) Chen, Ping
(74) Davies Collison Cave Pty Ltd

(71) Shenzhen Huachengda Precision In-
dustry Co.Ltd.
(11) AU-A-2024219666
(21) 2024219666 (22) 12.09.2024
(54) Atomization device and atomization
core thereof
(51) Int. Cl.
A24F 40/42 (2020.01)
A24F 40/10 (2020.01)
(31) 2023226105220 (32) 22.09.23 (33) CN
(43) 10.04.2025
(72) Chen, Ping
(74) Davies Collison Cave Pty Ltd

(71) Shoulder Innovations, Inc.
(11) AU-A-2025202154
(21) 2025202154 (22) 25.03.2025
(54) INSET/ONLAY GLENOID, POROUS
COATED CONVERTIBLE GLENOID,
AND HUMERAL HEADS WITH TEX-
TURED UNDERSIDES
(51) Int. Cl.
A61F 2/40 (2006.01)
A61F 2/30 (2006.01)
A61F 2/46 (2006.01)
(43) 10.04.2025
(62) 2019263063
(72) Ball, Robert J.; Running, Donald E.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Signcomplex Limited
(11) AU-A-2024205130
(21) 2024205130 (22) 26.07.2024
(54) LIGHT STRIP CONNECTING AS-
SEMBLY AND LIGHT STRIP USING
SAME
(51) Int. Cl.

H01R 13/62 (2006.01)
H01R 4/2406 (2018.01)
H01R 4/26 (2006.01)
H01R 12/70 (2011.01)
H01R 13/26 (2006.01)
H01R 13/40 (2006.01)
H01R 13/422 (2006.01)
H01R 13/428 (2006.01)
H01R 13/627 (2006.01)
H01R 13/629 (2006.01)
H01R 13/639 (2006.01)
H01R 27/02 (2006.01)
H01R 31/06 (2006.01)
(31) 2023226682622 (32) 27.09.23 (33) CN
(43) 10.04.2025
(72) Wu, Tiejun; Zhu, Hailong; Wei, Ji'an;
Liu, Wenhai; Wei, Wenmao; Zhu,
Yongbo
(74) Remarkable IP

(71) Slennett-Roberts, T.
(11) AU-A-2023233216
(21) 2023233216 (22) 22.09.2023
(54) PROCESS OF: Solar Cell Glass Energy
Building Transport.
(51) Int. Cl.
H10F 77/20 (2025.01)
B60L 8/00 (2006.01)
H10F 77/42 (2025.01)
H10F 77/70 (2025.01)
(43) 10.04.2025
(72) Slennett-Roberts, Trent
(74) Trent William Slennett-Roberts

(71) Snap-on Incorporated
(11) AU-A-2024205114
(21) 2024205114 (22) 26.07.2024
(54) Multiple spring wire-form retention
socket
(51) Int. Cl.
H01R 13/18 (2006.01)
H01R 13/11 (2006.01)
(31) 18/372,267 (32) 25.09.23 (33) US
(43) 10.04.2025
(72) GUPTE, Anup A
(74) Griffith Hack

(71) Softbank Corp.
(11) AU-A-2025202095
(21) 2025202095 (22) 24.03.2025
(54) Communication system, controller, pro-
gram, and information processing meth-
od
(51) Int. Cl.
H04W 88/16 (2009.01)
H04L 12/66 (2006.01)
H04L 45/02 (2022.01)
H04L 45/64 (2022.01)
H04W 4/18 (2009.01)
H04W 76/12 (2018.01)
(43) 10.04.2025
(62) 2022347835
(72) MATSUSHIMA, Satoru
(74) Spruson & Ferguson

(71) Southwest Research Institute
(11) AU-A-2024219969

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(21) 2024219969 (22) 23.09.2024
 (54) Passively Deployable Solar Panel Array with Truss Backing and Synchronizing Linkages
 (51) Int. Cl.
B64G 1/44 (2006.01)
H02S 20/30 (2014.01)
H02S 30/20 (2014.01)
 (31) 18/474,149 (32) 26.09.23 (33) US
 (43) 10.04.2025
 (72) Harvey, Thomas J.; Harvey, Toby J.; Rose, Randy J.; Rose, Thomas J.
 (74) James & Wells Intellectual Property

(71) Spogen Biotech Inc.
 (11) AU-A-2025202068
 (21) 2025202068 (22) 21.03.2025
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
A01N 25/02 (2006.01)
A01N 57/12 (2006.01)
A01N 59/26 (2006.01)
C05B 15/00 (2006.01)
 (43) 10.04.2025
 (62) 2023226745
 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spogen Biotech Inc.
 (11) AU-A-2025202072
 (21) 2025202072 (22) 21.03.2025
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
A01N 25/02 (2006.01)
A01N 57/12 (2006.01)
A01N 59/26 (2006.01)
C05B 15/00 (2006.01)
 (43) 10.04.2025
 (62) 2023226745
 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spogen Biotech Inc.
 (11) AU-A-2025202078
 (21) 2025202078 (22) 21.03.2025
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
A01N 25/02 (2006.01)
A01N 57/12 (2006.01)
A01N 59/26 (2006.01)
C05B 15/00 (2006.01)
 (43) 10.04.2025
 (62) 2023226745
 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Spogen Biotech Inc.
 (11) AU-A-2025202079

(21) 2025202079 (22) 21.03.2025
 (54) Methods for promoting plant health using free enzymes and microorganisms that overexpress enzymes
 (51) Int. Cl.
A01N 25/02 (2006.01)
A01N 57/12 (2006.01)
A01N 59/26 (2006.01)
C05B 15/00 (2006.01)
 (43) 10.04.2025
 (62) 2023226745
 (72) Thompson, Brian M.; Augustin, Jorg
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) SPORTSMEDIA TECHNOLOGY CORPORATION
 (11) AU-A-2025202021
 (21) 2025202021 (22) 20.03.2025
 (54) LET DETECTION SYSTEM FOR MONITORING MOVEMENT OF A NET CORD
 (51) Int. Cl.
A63B 71/06 (2006.01)
H04W 4/80 (2018.01)
A63B 102/02 (2015.01)
 (43) 10.04.2025
 (62) 2022434643
 (72) MITCHELL, JR., Frank
 (74) Collison & Co

(71) Station Casinos LLC
 (11) AU-A-2025202011
 (21) 2025202011 (22) 19.03.2025
 (54) Operating a casino loyalty computer system to display images of non-fungible tokens
 (51) Int. Cl.
G06Q 30/0207 (2023.01)
 (43) 10.04.2025
 (62) 2022351518
 (72) MIKULICH, Tom; GORDON, Pat; VON TOBEL, Jon; LITTLE, William Chad
 (74) Spruson & Ferguson

(71) Strong Force TX Portfolio 2018, LLC
 (11) AU-A-2025202097
 (21) 2025202097 (22) 17.03.2025
 (54) METHODS AND SYSTEMS FOR IMPROVING MACHINES AND SYSTEMS THAT AUTOMATE EXECUTION OF DISTRIBUTED LEDGER AND OTHER TRANSACTIONS IN SPOT AND FORWARD MARKETS FOR ENERGY, COMPUTE, STORAGE AND OTHER RESOURCES
 (51) Int. Cl.
G06Q 10/10 (2023.01)
G06N 3/08 (2023.01)
G06Q 10/04 (2023.01)
G06Q 10/06 (2023.01)
G06Q 30/06 (2023.01)
G06Q 50/04 (2012.01)
G06Q 50/18 (2012.01)
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 (54) Heat dissipation structure, power conversion equipment and photovoltaic system
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F24F 13/20 (2006.01)
F24F 1/56 (2011.01)
F24F 13/02 (2006.01)
H02S 40/40 (2014.01)
H05K 7/20 (2006.01)
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 (43) 10.04.2025
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H02H 7/26 (2006.01)
H02J 3/18 (2006.01)
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 (51) Int. Cl.
H01M 10/48 (2006.01)
A62C 3/00 (2006.01)
H01M 10/613 (2014.01)
H01M 10/6563 (2014.01)
H02B 1/26 (2006.01)
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 (21) 2025202051 (22) 21.03.2025
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A61K 9/50 (2006.01)
A61K 31/4748 (2006.01)
A61P 25/00 (2006.01)
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C07D 265/30 (2006.01)
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(54) Process of increasing the shelf-life of cold-pressed juices to one year or longer
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A23B 70/10 (2025.01)
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A01D 34/64 (2006.01)
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A01D 34/74 (2006.01)
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(72) D'ANGELO, Adam
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H04N 19/33 (2014.01)
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A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 51/00 (2006.01)
A61P 35/00 (2006.01)
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A61K 39/00 (2006.01)
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B01L 3/00 (2006.01)
C12Q 1/18 (2006.01)
G01N 1/38 (2006.01)
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 (74) RnB IP Pty Ltd

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 (51) Int. Cl.
E21B 29/10 (2006.01)
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E21B 17/20 (2006.01)
E21B 33/13 (2006.01)
E21B 33/134 (2006.01)
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E21B 47/12 (2012.01)
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E21B 17/18 (2006.01)
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 (54) Rapid emergency toad poisoning kit and methods of use thereof
 (51) Int. Cl.
A61D 7/04 (2006.01)
A01K 13/00 (2006.01)

A01K 29/00 (2006.01)
A61F 17/00 (2006.01)
A61K 9/08 (2006.01)
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A61K 33/08 (2006.01)
A61M 16/06 (2006.01)
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A61P 25/00 (2006.01)
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 (21) 2025202024 (22) 20.03.2025
 (54) Rapid emergency toad poisoning kit and methods of use thereof
 (51) Int. Cl.
A61D 7/04 (2006.01)
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A61M 16/06 (2006.01)
A61M 16/20 (2006.01)
A61P 25/00 (2006.01)
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 (31) 19/080,297 (32) 14.03.25 (33) US
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E05F 1/16 (2006.01)
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B60L 5/24 (2006.01)
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B60L 50/53 (2019.01)
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H10F 19/90 (2025.01)
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A62C 35/02 (2006.01)
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 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
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A61K 47/55 (2017.01)
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A61B 5/02 (2006.01)
A61B 5/00 (2006.01)
A61B 5/021 (2006.01)
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A61B 5/0295 (2006.01)
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 (54) Devices and methods for object location identification
 (51) Int. Cl.
H04W 4/029 (2018.01)
G01C 21/20 (2006.01)
G01S 5/02 (2010.01)
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2023237111	Dunne, W.	2025200497	Flagship Pioneering Innovations V, Inc.
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2024205699	Aristocrat Technologies, Inc.	2025201975	SCHLAGE LOCK COMPANY LLC
2024205701	Aristocrat Technologies, Inc.	2025201989	Pyrogenesis Canada Inc.
2024205736	Aristocrat Technologies, Inc.	2025201999	Prilenia Neurotherapeutics Ltd.
2024205739	Aristocrat Technologies, Inc.	2025202000	Willand (Beijing) Technology Co., LTD.
2024205748	Terra Quantum AG	2025202001	Samsung Electronics Co., Ltd.
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2024216294	Deere & Company	2025202009	Beth Israel Deaconess Medical Center, Inc.; Trustees of Boston University
2024216323	MSP Mine Support Products	2025202010	Vanderbilt University
2024219354	ADRENALINE X-TREME ADVENTURES GROUP S.R.L.	2025202011	Station Casinos LLC
2024219425	EVOBEND GmbH	2025202012	TOTAL HARDWARE PTY LTD
2024219426	EVOBEND GmbH	2025202015	Axsome Therapeutics, Inc.
2024219428	EVOBEND GmbH	2025202018	FORSSAN SUOJAINVALMISTUS OY
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2024220006	THRU TUBING SOLUTIONS, INC.	2025202048	Visibly, Inc.
2024220009	THRU TUBING SOLUTIONS, INC.	2025202051	Supernus Pharmaceuticals, Inc.
2024220010	THRU TUBING SOLUTIONS, INC.	2025202052	Grail, LLC
2024220019	Aristocrat Technologies, Inc.	2025202053	MannKind Corporation
2024220045	Aizoon S.r.l.	2025202054	Samsung Electronics Co., Ltd.
2024220048	Imtrade Australia Pty Ltd	2025202055	Angel Group Co., Ltd.
2024220123	ALI-VICE LIMITED	2025202056	HUAWEI TECHNOLOGIES CO., LTD.
		2025202059	Samsung Electronics Co., Ltd.

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2025202060	Samsung Electronics Co., Ltd.
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2025202062	ConocoPhillips Company
2025202064	Ferton Holding S.A.
2025202065	ResMed Pty Ltd
2025202068	Spogen Biotech Inc.
2025202070	Resource Conservation and Recycling Corporation Pty Ltd
2025202071	Supernus Pharmaceuticals, Inc.
2025202072	Spogen Biotech Inc.
2025202073	Rhino Hide Pty. Ltd.
2025202075	E INK CORPORATION
2025202077	IntraBio Limited
2025202078	Spogen Biotech Inc.
2025202079	Spogen Biotech Inc.
2025202082	10x Genomics, Inc.
2025202086	Immatics Biotechnologies GmbH
2025202091	CATERPILLAR INC.
2025202095	Softbank Corp.
2025202096	Abiomed Europe GmbH
2025202097	Strong Force TX Portfolio 2018, LLC
2025202098	Apple Inc.
2025202101	COMPOSECURE, LLC
2025202102	The Johns Hopkins University
2025202105	Apple Inc.
2025202106	ATTOBAHN, INC.
2025202108	Intercontinental Great Brands LLC
2025202109	DX TECH PTY LTD
2025202116	ESSILOR INTERNATIONAL
2025202121	Aiper Global Pte. Ltd.
2025202127	Officine Maccaferri S.p.A.
2025202128	MuPharma Pty Ltd
2025202129	AgeX Therapeutics, Inc.
2025202131	The Texas A&M University System
2025202132	Shell Internationale Research Maatschappij B.V.
2025202133	Avacta Life Sciences Limited
2025202136	Boston Scientific Neuromodulation Corporation
2025202137	Tyco Fire Products LP
2025202138	Alcon Inc.
2025202139	Allergan Pharmaceuticals International Limited
2025202141	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2025202142	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2025202144	Tencent America LLC
2025202147	Clinicomp International, Inc.
2025202148	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2025202149	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2025202150	PAYPAL, INC.
2025202151	THANDRA, V.; SHAABAN, A.F.
2025202152	Pratt Retail Specialties, LLC
2025202153	Pratt Retail Specialties, LLC
2025202154	Shoulder Innovations, Inc.
2025202155	Leadfarm (Australia) Pty Ltd
2025202160	Everseen Limited
2025202161	10691976 Canada Ltd.
2025202163	BioXcel Therapeutics, Inc.; ARx, LLC
2025202168	Applied Medical Resources Corporation
2025202170	Angel Group Co., Ltd.

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Innovation Patents Open to Public Inspection

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. (*) Title not in Roman characters

. (**) Title not given

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

(71) ADEVI IP HOLDING COMPANY PTY LTD

(11) AU-A-2025100006

(21) 2025100006 (22) 04.03.2025

(54) Methods And Systems For Resolving User Interface Features, And Related Applications

(51) Int. Cl.

G06F 8/38 (2018.01)

G06N 3/02 (2006.01)

(45) 10.04.2025

(62) 2018202382

(72) BASYROV, Marat

(74) Adevi IP Holding Pty Ltd

(71) The Banktech Group Pty Ltd

(11) AU-A-2025100007

(21) 2025100007 (22) 10.03.2025

(54) MULTI-NETWORK AUTOMATED TELLER MACHINE SYSTEM

(51) Int. Cl.

G06Q 20/18 (2012.01)

G06Q 20/10 (2012.01)

G06Q 20/32 (2012.01)

G07F 19/00 (2006.01)

(45) 10.04.2025

(62) 2023270314

(72) Glen, David

(74) Gestalt Law Pty Ltd

Numerical Index

2025100006	ADEVI IP HOLDING COMPANY PTY LTD
2025100007	The Banktech Group Pty Ltd

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 . (**) Title not given

(71) «TARGET MEDICALS» LIMITED LIABILITY COMPANY (11) AU-A-2023378302 (21) 2023378302 (22) 18.09.2023 (54) INHIBITORS OF HUMAN ALDOSTERONE SYNTHASE (CYP11B2) (51) Int. Cl. <i>C07D 471/04</i> (2006.01) <i>A61K 31/437</i> (2006.01) <i>A61K 31/4427</i> (2006.01) <i>A61K 31/496</i> (2006.01) <i>A61K 31/497</i> (2006.01) <i>A61K 31/501</i> (2006.01) <i>A61K 31/506</i> (2006.01) <i>A61K 31/5377</i> (2006.01) <i>A61K 31/551</i> (2006.01) <i>A61P 1/16</i> (2006.01) <i>A61P 3/12</i> (2006.01) <i>A61P 9/00</i> (2006.01) <i>A61P 9/04</i> (2006.01) <i>A61P 9/10</i> (2006.01) <i>A61P 9/12</i> (2006.01) <i>A61P 13/12</i> (2006.01) <i>C07D 487/04</i> (2006.01) <i>C07D 487/08</i> (2006.01) <i>C07D 487/10</i> (2006.01) (87) WO2024/102026 (31) 2022129211 (32) 10.11.22 (33) RU 2023108992 10.04.23 RU 2023120694 07.08.23 RU (43) 16.05.2024 (72) GILEP, Andrei Aleksandrovich; STRUSHKEVICH, Natallia Vladimirovna; GEORGE, Pascal (74) Armour IP	<i>G06N 3/08</i> (2023.01) (87) WO2025/058632 (31) 63/407,367 (32) 16.09.23 (33) US 18/369,586 18.09.23 US (43) 20.03.2025 (72) CROMPTON, Bryan; MEHTA, Tanay; GIGER, Daniel; MODY, Apurva N. (74) FPA Patent Attorneys Pty Ltd	(51) Int. Cl. <i>G16H 40/63</i> (2018.01) <i>A61B 5/00</i> (2006.01) <i>G16H 40/67</i> (2018.01) <i>H04L 67/12</i> (2022.01) <i>H04W 4/38</i> (2018.01) <i>H04W 56/00</i> (2009.01) <i>A61B 5/145</i> (2006.01) <i>G16H 20/10</i> (2018.01) <i>H04W 4/80</i> (2018.01) <i>H04W 84/18</i> (2009.01) (87) WO2024/091412 (31) 63/380,609 (32) 24.10.22 (33) US (43) 02.05.2024 (72) LEE, William; VAZQUEZ, Adam; STRATIS, Steven (74) FPA Patent Attorneys Pty Ltd
(71) A&C TECHNOLOGY, INC. (11) AU-A-2023417810 (21) 2023417810 (22) 31.12.2023 (54) BIOMETRIC-INTEGRATED COIN (51) Int. Cl. <i>H04L 9/32</i> (2006.01) <i>G06Q 20/38</i> (2012.01) <i>G06Q 20/40</i> (2012.01) (87) WO2024/145679 (31) 63/436,368 (32) 30.12.22 (33) US 63/593,397 26.10.23 US (43) 04.07.2024 (72) LI, Shihao; ZHAO, Ye; QIN, Han; QIN, Jiayang; WEN, Ruiming; FAN, Enlong (74) Adams Pluck	(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023364860 (21) 2023364860 (22) 16.10.2023 (54) SYSTEMS, DEVICES, AND METHODS FOR TIME-IN-RANGE AND MEAL-RELATED ANALYTE MONITORING (51) Int. Cl. <i>G16H 20/17</i> (2018.01) <i>G16H 20/60</i> (2018.01) <i>G16H 50/30</i> (2018.01) (87) WO2024/086120 (31) 63/416,750 (32) 17.10.22 (33) US 63/535,134 29.08.23 US (43) 25.04.2024 (72) HAYTER, Gary A.; NISHIDA-BOUCHER, Jeffrey; PARTHASARATHY, Vyshnavi; PRASHANTH, Prarthana; NAGRA, Saranpreet S.; KUMAR, Panganamala Ashwin; KABEL-ECKES, Sabine; SHABASTARI, Rene S.; PUENTE DE LA VEGA, Chano Y.; NARAYANA, Leena; WOOD, Jonathan; GUPTA, Shreya; SEPULVEDA, Genaro S.; VEGA, Jose D.; FLOEH, Jessica Rose; MEHTA, Vrunjal K.; CONGOTE, Cristina; REVOLTAR, Andrew M.; CHODAGIRI, Prashanth (74) FPA Patent Attorneys Pty Ltd	(71) ACORN BIOLABS, INC. (11) AU-A-2023350786 (21) 2023350786 (22) 27.09.2023 (54) HUMAN HAIR FOLLICLE-DERIVED CONDITIONED MEDIA AND METHODS OF MAKING SAME (51) Int. Cl. <i>A61K 35/36</i> (2015.01) <i>A61K 8/98</i> (2006.01) <i>A61P 17/02</i> (2006.01) <i>A61Q 19/08</i> (2006.01) <i>C12N 5/00</i> (2006.01) <i>C12N 5/071</i> (2010.01) <i>C12P 1/00</i> (2006.01) (87) WO2024/065050 (31) 63/410,903 (32) 28.09.22 (33) US (43) 04.04.2024 (72) TAYLOR, Drew Wesley; FAYYAD, Muneera Walid; FATEHI, Amatullah Khuzaima (74) FPA Patent Attorneys Pty Ltd
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/04 (2006.01)
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Steven; GROSSMAN, Joseph
(74) Adams Pluck

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(21) 2023336948 (22) 01.06.2023
(54) PHARMACEUTICAL COMPOSITION
AND USE THEREOF
(51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C12N 15/13 (2006.01)
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(51) Int. Cl.
A61F 9/00 (2006.01)
(87) WO2024/100480
(31) 63/382,907 (32) 09.11.22 (33) US
(43) 16.05.2024
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Thomas
(74) Davies Collison Cave Pty Ltd

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(54) BICYCLIC COMPOUNDS
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 31/14 (2006.01)
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(43) 04.04.2024
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David; Bernard; ZHANG, Qingling;
DEBING, Yannick
(74) Griffith Hack

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(51) Int. Cl.
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A61P 7/00 (2006.01)
C12N 15/113 (2010.01)
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(43) 11.04.2024
(72) SLINGSBY, Martina; HOLMES, Ben-
jamin; FISHILEVICH, Elaine; ZUBER,
Jeffrey; MARATOS-FLIER, Eleftheria;
GANSNER, John
(74) Pizzey's Patent and Trade Mark Attor-
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COMPRISING SUCH A SHIELD AT-
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(51) Int. Cl.
A42B 3/22 (2006.01)
(87) WO2024/100514
(31) 102022000022926 (32) 07.11.22 (33) IT
(43) 16.05.2024
(72) MAZZAROLO, Giovanni; PARISSENTI,
Roberto; FACCA, Stefano
(74) Griffith Hack

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(11) AU-A-2023329200
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(54) PHARMACEUTICAL FORMULATION
AND DOSING REGIMEN FOR THE
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LATERAL SCLEROSIS
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/70 (2006.01)
A61K 39/00 (2006.01)
A61P 25/02 (2006.01)
C07K 16/40 (2006.01)
(87) WO2024/042250
(31) 22192430.1 (32) 26.08.22 (33) EP
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(72) MAIER, Marcel; SALZMANN, Michael;
GENGE, Angela
(74) Davies Collison Cave Pty Ltd

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(54) ORAL CARE COMPOSITIONS COM-
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METHODS OF USE THEREOF
(51) Int. Cl.
A61K 8/34 (2006.01)
A61K 8/97 (2017.01)
A61K 31/045 (2006.01)
A61P 1/02 (2006.01)

A61Q 11/00 (2006.01)
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(43) 28.03.2024
(72) TAN, Barrie; TRIAS, Anne; LIZOTTE,
Jonathan, Paul
(74) FB Rice Pty Ltd

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(21) 2023387755 (22) 28.09.2023
(54) AERIAL VEHICLE WITH DEPLOY-
ABLE COMPONENTS
(51) Int. Cl.
B64U 30/12 (2023.01)
B64C 3/40 (2006.01)
B64C 3/54 (2006.01)
B64C 11/28 (2006.01)
B64C 13/30 (2006.01)
B64U 50/13 (2023.01)
(31) 18/475,831 (32) 27.09.23 (33) US
(43) 10.04.2025
(72) ALLEY, Nicholas Robert; STEELE,
Joshua Lemming; WILLIAMS, Jesse
Owen; KUEHME, Daniel
(74) Intelpro Patent & Trade Mark Attor-
neys

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CO., LTD.
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(54) MULTIFUNCTIONAL VEHICLE BUMP-
ER AND VEHICLE
(51) Int. Cl.
B60R 19/48 (2006.01)
(87) WO2024/040662
(31) 202211034347.9 (32) 26.08.22 (33) CN
(43) 29.02.2024
(72) YE, Jinsong; XU, Han
(74) Baxter Patent Attorneys Pty Ltd

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(54) VEHICLE-MOUNTED HARDTOP
TENT, AND AUTOMOBILE THEREOF
(51) Int. Cl.
E04H 15/48 (2006.01)
(87) WO2024/040664
(31) 202211035763.0 (32) 26.08.22 (33) CN
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(74) Baxter Patent Attorneys Pty Ltd

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CO., LTD.
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(54) PICKUP TRUCK CAP AND VEHICLE
(51) Int. Cl.
B60P 7/02 (2006.01)
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(74) Baxter Patent Attorneys Pty Ltd

(71) ANTERIS TECHNOLOGIES CORPORATION

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(54) PROSTHETIC HEART VALVES

(51) Int. Cl.

A61F 2/24 (2006.01)

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(72) QUILL, Jason; NEETHLING, William Leon; BRODEUR, Christopher B.; IYER, Ramji; ROTH, Kaitlyn

(74) MBIP

(71) APELLIS PHARMACEUTICALS, INC.

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(54) TREATMENT OF GEOGRAPHIC ATROPHY

(51) Int. Cl.

A61K 38/10 (2006.01)

A61K 47/50 (2017.01)

A61K 47/54 (2017.01)

A61K 47/55 (2017.01)

(87) WO2024/073097

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(72) FRANCOIS, Cedric; DESCHATELETS, Pascal; GROSSI, Federico

(74) FB Rice Pty Ltd

(71) APRILBIO CO., LTD.

(11) AU-A-2023358061

(21) 2023358061 (22) 04.10.2023

(54) FUSION PROTEIN COMPRISING FOLLICLE STIMULATING HORMONE AND ANTIGEN-BINDING FRAGMENT TO SERUM ALBUMIN AND COMPOSITIONS AND USES THEREOF

(51) Int. Cl.

C07K 16/18 (2006.01)

A61K 39/00 (2006.01)

A61P 15/02 (2006.01)

C07K 14/59 (2006.01)

C12N 15/62 (2006.01)

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(72) CHA, Sang Hoon

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(71) AQUA MEMBRANES, INC.

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(54) HOT MELT MEMBRANE SPACERS

(51) Int. Cl.

B01D 63/10 (2006.01)

B01D 29/48 (2006.01)

B01D 63/12 (2006.01)

B01D 29/44 (2006.01)

(87) WO2024/073581

(31) 63/410,735

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(72) HERRINGTON, Rodney; RODERICK, Kevin; KURTH, Christopher; WEINGARDT, Kendall

(74) Spruson & Ferguson

(71) AQUAPAK IP LIMITED

(11) AU-A-2023332112

(21) 2023332112 (22) 30.08.2023

(54) CELLULOSE FIBRE REINFORCED POLYVINYL ALCOHOL COMPOSITE MATERIALS

(51) Int. Cl.

C08J 5/04 (2006.01)

B29C 45/00 (2006.01)

C08L 29/04 (2006.01)

D21C 9/00 (2006.01)

D21H 11/20 (2006.01)

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(72) WILLIAMS, John; JAFARI, Farzaneh

(74) Baxter Patent Attorneys Pty Ltd

(71) ARCH UK BIOCIDES LTD

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(21) 2023355695 (22) 27.09.2023

(54) DISINFECTANT COMPOSITION CONTAINING LOW LEVELS OF AN ANTI-MICROBIAL AGENT

(51) Int. Cl.

A01N 25/34 (2006.01)

A01N 33/12 (2006.01)

A01P 1/00 (2006.01)

(87) WO2024/074372

(31) 63/412,623 (32) 03.10.22 (33) US

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(43) 11.04.2024

(72) COTTRELL, Heather; SHAW, Neil Scott; NIGHTINGALE, Aaron Thomas Arnold; COOBAN, Emma; CESUINA, Oxana

(74) PHILLIPS ORMONDE FITZPATRICK

(71) ARCUTIS BIOTHERAPEUTICS, INC.

(11) AU-A-2023342481

(21) 2023342481 (22) 30.06.2023

(54) PHARMACEUTICAL COMPOSITIONS OF ROFLUMILAST AND SOLVENTS CAPABLE OF DISSOLVING HIGH AMOUNTS OF THE DRUG

(51) Int. Cl.

A61K 9/06 (2006.01)

A61K 31/44 (2006.01)

A61K 47/10 (2017.01)

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(51) Int. Cl.

A23C 15/02 (2006.01)

A23C 15/12 (2006.01)

(87) WO2024/068817

(31) 22198455.2 (32) 28.09.22 (33) EP

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(72) SUWAL, Shyam Krishna; ANDERSEN, Ulf; TIMM, Laura Marloth; JOHANSEN, Frederik Tage

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(71) ARRAY TECH, INC.

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(21) 2023364983 (22) 17.10.2023

(54) MOUNTING PIN FOR PHOTOVOLTAIC MODULE MOUNTING SYSTEM

(51) Int. Cl.

H02S 30/00 (2014.01)

F24S 25/60 (2018.01)

F24S 25/632 (2018.01)

F24S 25/634 (2018.01)

(87) WO2024/086153

(31) 18/334,265 (32) 13.06.23 (33) US

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(72) DE FRESART, Benjamin; MARIN-MARTINOD, Thierry; IBIS, Nick

(74) AJ PARK

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(11) AU-A-2023366991

(21) 2023366991 (22) 26.10.2023

(54) SOLAR COMPONENT STORAGE AND DISTRIBUTION DEVICES

(51) Int. Cl.

B65G 49/06 (2006.01)

(87) WO2024/091634

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(43) 02.05.2024

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(74) AJ PARK

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(51) Int. Cl.

C12N 15/113 (2010.01)

A61K 31/713 (2006.01)

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(54) PTH TREATMENT REGIMEN COMPRISING TWO PTH COMPOUNDS
(51) Int. Cl.
A61P 5/18 (2006.01)
A61K 38/29 (2006.01)
A61K 47/60 (2017.01)
(87) WO2024/094673
(31) 22205058.5 (32) 02.11.22 (33) EP
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(72) SPROGØE, Kennett; ANDERSON, Thomas William
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(21) 2023381738 (22) 10.11.2023
(54) METHOD OF IMPROVING SKELETAL MUSCLE FUNCTION
(51) Int. Cl.
A61K 47/60 (2017.01)
A61K 38/22 (2006.01)
A61P 19/08 (2006.01)
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(72) WINDING, Bent; SPROGØE, Kennett; KJELGAARD- HANSEN, Mads Jens
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(54) FUSIONS WITH CD8 ANTIGEN BINDING MOLECULES FOR TREATING CHRONIC VIRAL INFECTION
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/20 (2006.01)
A61P 31/18 (2006.01)
C07K 14/005 (2006.01)
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(74) Griffith Hack
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(54) COMPOSITIONS AND METHODS FOR TREATMENT OF NEUROINFLAMMATORY DISEASES
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C12N 15/113 (2010.01)
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A61P 25/28 (2006.01)
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A61K 48/00 (2006.01)
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(71) CALLIDUS CAPITAL B.V. (11) AU-A-2023341737 (21) 2023341737 (22) 12.09.2023 (54) SUPPORT STRUCTURE FOR A WELL CELLAR (51) Int. Cl.		

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E21B 41/00 (2006.01)
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(54) VAULTLESS TOKENIZATION
(51) Int. Cl.
G06F 21/62 (2013.01)
G06F 21/60 (2013.01)
G09C 5/00 (2006.01)
H04L 9/00 (2022.01)
H04L 9/40 (2022.01)
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(54) PLK1 INHIBITOR IN COMBINATION
WITH ANTI-ANGIOGENICS FOR
TREATING METASTATIC CANCER
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 39/395 (2006.01)
A61P 35/04 (2006.01)
A61K 31/522 (2006.01)
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PERICARDITIS
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A61K 31/05 (2006.01)
A61P 9/00 (2006.01)
A61P 29/00 (2006.01)
C07C 39/23 (2006.01)
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CEPTORS, ENGINEERED CELLS
AND RELATED METHODS
(51) Int. Cl.
C07K 14/44 (2006.01)
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
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A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/18 (2006.01)
C12N 5/10 (2006.01)
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AND PRE-OPERATIVE INSPECTING
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B66F 9/24 (2006.01)
B66F 17/00 (2006.01)
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Angelo
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PAN-2-YL)PHENYL]AMINO}-3,4-
DIHYDRO-2H-1-BENZO-
PYRAN-4-YL]METHYL]AMINO}PYRIDINE-4-
CARBOXYLIC ACID L-LYSINE SALT, A
HISTONE DEMETHYLASE INHIBITOR
(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/435 (2006.01)
A61K 31/44 (2006.01)
A61K 31/4427 (2006.01)
A61K 31/4433 (2006.01)
C07D 311/20 (2006.01)
A61K 31/33 (2006.01)
C07D 213/57 (2006.01)
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(43) 28.03.2024
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USES THEREOF
(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/407 (2006.01)
A61K 31/415 (2006.01)
A61K 31/44 (2006.01)
A61K 31/33 (2006.01)
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(54) FILM SEAL ASSEMBLY AND SINGLE
LID ASSAY CARTRIDGE AND ASSO-
CIATED METHODS
(51) Int. Cl.
B01L 3/00 (2006.01)
B65D 17/50 (2006.01)
B65D 51/16 (2006.01)
B65D 51/22 (2006.01)
B65D 53/08 (2006.01)
G01N 35/04 (2006.01)
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MAGADUM, Pradeep Shivalingappa;
UMACHANDRAN, Kavaya; VANG, Koua
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023352042
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(54) VACCINE CONSTRUCT AND USES
THEREOF

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A61K 39/12 (2006.01)
A61P 31/12 (2006.01)
C07K 14/005 (2006.01)
C12N 7/04 (2006.01)
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CAPRONI, Lisa Jayne; BUSFIELD,
Samantha
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(54) APPARATUS FOR PUMPING SUS-
PENDED POLYMER LIQUID
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F04B 15/02 (2006.01)
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Chad; CHENGARA, Anoop; CASH, Mi-
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WIEWIOWSKI, Nicholas
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LIC DERIVATIVE USED AS UBI-
QUITIN-SPECIFIC PROTEASE INHIB-
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
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HUANG, Yu
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CO., LTD.
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(54) BACK CONTACT SOLAR CELL AND
METHOD FOR PREPARING SAME
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H10F 10/14 (2025.01)
H10F 77/70 (2025.01)
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Wei-chih; HUANG, Haiyan
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ING MICROFLUIDIC CARTRIDGE,
USEFUL FOR POINT-OF-CARE MED-
ICAL DIAGNOSTICS AND OTHER AP-
PLICATIONS
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der H.; ROJAS, Folkers E.
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(54) COMPONENT SYSTEM AND METH-
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WHITENING PREPARATION
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A61K 8/49 (2006.01)
A61Q 11/00 (2006.01)
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(54) ENGINEERED TERMINAL DEOXY-
NUCLEOTIDYL TRANSFERASE VARI-
ANTS
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C12N 9/12 (2006.01)
C12P 19/30 (2006.01)
C12P 19/34 (2006.01)
C12Q 1/68 (2018.01)
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Stephanie; LI, Michelle; MAHMOODI,
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bica; VROOM, Jonathan; WATTS, Dav-
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(11) AU-A-2023374479
(21) 2023374479 (22) 31.10.2023
(54) HOME CARE COMPOSITIONS
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C11D 1/62 (2006.01)
C11D 3/00 (2006.01)
C11D 3/10 (2006.01)
C11D 3/12 (2006.01)
C11D 3/20 (2006.01)
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POSITION
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C09D 7/65 (2018.01)
C09D 133/08 (2006.01)
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DRADE, José Angel
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G02C 7/04 (2006.01)
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Paul; ARUMUGAM, Baskar; BRADLEY,
Arthur
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AND THEIR USE AS PESTICIDES
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A01N 43/36 (2006.01)
C07D 207/26 (2006.01)
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- (74) FPA Patent Attorneys Pty Ltd
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(54) POWER MANAGEMENT SYSTEMS,
DEVICES, AND METHODS
- (51) Int. Cl.
G01R 22/06 (2006.01)
H04B 1/38 (2015.01)
G01R 22/10 (2006.01)
G08C 17/02 (2006.01)
H02J 9/06 (2006.01)

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 BATTERY CHARGER CONNECTION
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(51) Int. Cl.
H02J 7/00 (2006.01)
B60L 53/30 (2019.01)
B60L 53/65 (2019.01)
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 COFFMAN, Jordon; HARDESTY, Shan-
 ica
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 INC.
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(21) 2023341377 **(22)** 13.09.2023
(54) DUAL FUEL ENGINE SYSTEM AND
 METHOD FOR CONTROLLING DUAL
 FUEL ENGINE SYSTEM
(51) Int. Cl.
F02D 41/00 (2006.01)
F02D 19/06 (2006.01)
F02D 19/08 (2006.01)
F02D 19/12 (2006.01)
F02D 41/14 (2006.01)
F02D 41/24 (2006.01)
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 BORISUK, Paul Daniel; BISHNOI,
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 GORE, Jason A.; TANDON, Atin;
 SLEIGH, Jamie Robert John
(74) FB Rice Pty Ltd
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(11) AU-A-2023410047
(21) 2023410047 **(22)** 22.12.2023
(54) A MEDICAL DEVICE COMPRISING
 A COATING FOR MITIGATION OF
 FORMATION AND/OR GROWTH OF
 BIOFILM
(51) Int. Cl.
A01N 43/40 (2006.01)
A01P 1/00 (2006.01)
A61L 31/10 (2006.01)
(87) WO2024/133882
(31) 2251571-2 **(32)** 23.12.22 **(33)** SE
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 CO., LTD.
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(21) 2023352643 **(22)** 27.09.2023
(54) NOVEL CO-CRYSTAL OF ENAVOGLI-
 FLOZIN
(51) Int. Cl.
C07D 407/04 (2006.01)
A61K 9/14 (2006.01)
A61K 31/351 (2006.01)
A61P 3/10 (2006.01)
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 on; CHOI, Ji Soo; JI, Hye Young; LIM, Hyun
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- (71)** DAIFUKU CO., LTD.
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(21) 2023351251 **(22)** 14.09.2023
(54) ORIENTATION ADJUSTMENT APPAR-
 ATUS
(51) Int. Cl.
B65G 47/31 (2006.01)
(87) WO2024/070734
(31) 2022-158630 **(32)** 30.09.22 **(33)** JP
(43) 04.04.2024
(72) SHIKI Kiyoshi; TAKIMOTO Takashi
(74) Davies Collison Cave Pty Ltd
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- (71)** DAIFUKU CO., LTD.
(11) AU-A-2023351255
(21) 2023351255 **(22)** 14.09.2023
(54) ORIENTATION ADJUSTMENT APPAR-
 ATUS
(51) Int. Cl.
B65G 47/31 (2006.01)
(87) WO2024/070738
(31) 2022-158631 **(32)** 30.09.22 **(33)** JP
(43) 04.04.2024
(72) SHIKI Kiyoshi; NAKANISHI Shota;
 TAKIMOTO Takashi
(74) Davies Collison Cave Pty Ltd
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- (71)** DANA-FARBER CANCER INSTITUTE,
 INC.; HARBOUR BIOMED (SHANG-
 HAI) CO., LTD
(11) AU-A-2023372213
(21) 2023372213 **(22)** 03.11.2023
(54) BCMA VH-ONLY CARS
(51) Int. Cl.
C12N 15/62 (2006.01)
A61K 31/4245 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C12N 5/074 (2010.01)
C12N 5/0783 (2010.01)
C12N 15/86 (2006.01)
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(43) 10.05.2024
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 Kartika; HE, Yun; SHI, Lei
(74) Spruson & Ferguson
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(54) METHODS AND DEVICES FOR
 PERFORMING MINI-BATCH DIS-
 CRETE FOURIER TRANSFORMS
 FOR TRACKING SATELLITE SIGNALS
(51) Int. Cl.
G01S 19/30 (2010.01)
G01S 5/02 (2010.01)
G01S 19/43 (2010.01)
H04B 1/707 (2011.01)
(87) WO2025/058637
(31) 63/416,419 **(32)** 14.10.22 **(33)** US
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(43) 20.03.2025
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(74) Davies Collison Cave Pty Ltd
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- (71)** DINTEC GMBH
(11) AU-A-2023345551
(21) 2023345551 **(22)** 18.09.2023
(54) METHOD FOR CONVERTING A
 VEHICLE, METHOD FOR PROVID-
 ING A DRIVE UNIT, DRIVE UNIT AND
 VEHICLE
(51) Int. Cl.
B60K 1/00 (2006.01)
B60K 5/00 (2006.01)
B60K 25/00 (2006.01)
B60K 25/02 (2006.01)
(87) WO2024/061428
(31) 10 2022 123 918.7 **(32)** 19.09.22 **(33)** DE
(43) 28.03.2024
(72) SCHMITT, Michael Philipp Schmitt
(74) Griffith Hack
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- (71)** DREN BIO, INC.
(11) AU-A-2023353699
(21) 2023353699 **(22)** 27.09.2023
(54) MULTISPECIFIC ANTIBODIES AND
 METHODS OF USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/47 (2006.01)
C07K 14/705 (2006.01)
C07K 16/46 (2006.01)
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(43) 04.04.2024
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 TOMASEVIC, Nenad
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(51) Int. Cl.
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G06F 9/451 (2018.01)
G06F 16/9535 (2019.01)
G06F 16/957 (2019.01)
(87) WO2024/137012
(31) 18/068,132 (32) 19.12.22 (33) US
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(74) FPA Patent Attorneys Pty Ltd
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(54) A FILLING AND SUPPORT CONTAINER
(51) Int. Cl.
E21D 15/48 (2006.01)
E21F 17/107 (2006.01)
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(21) 2023359219 (22) 12.10.2023
(54) A RELEASE AGENT COMPOSITION FOR PAPERMAKING, A RELEASE AGENT EMULSION AND PREPARATION METHOD AND APPLICATIONS THEREOF
(51) Int. Cl.
D21H 21/14 (2006.01)
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(54) COSMETIC PRODUCT CONTAINER
(51) Int. Cl.
A45D 34/04 (2006.01)
A45D 40/26 (2006.01)
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(43) 11.04.2024
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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C07J 71/00 (2006.01)
A61K 31/58 (2006.01)
A61P 5/44 (2006.01)
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(54) CALL SECURITY USING A MUTUALLY AGREED ACOUSTIC FINGERPRINT
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(21) 2023334053 (22) 29.08.2023
(54) STRATEGIES FOR KNOCK-INS AT B2M SAFE HARBOR SITES
(51) Int. Cl.
C12N 9/22 (2006.01)
C07K 14/81 (2006.01)
C12N 5/07 (2010.01)
C12N 5/10 (2006.01)
C12N 15/10 (2006.01)
A61K 35/17 (2015.01)
A61K 48/00 (2006.01)
A61P 7/06 (2006.01)
A61P 43/00 (2006.01)
C12N 5/074 (2010.01)
(87) WO2024/050349
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(74) FB Rice Pty Ltd
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(54) BIALLELIC KNOCKOUT OF CTLA4
(51) Int. Cl.
C12N 15/90 (2006.01)
A61K 35/17 (2015.01)
C12N 9/00 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/064606
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- (71) EMENDOBIO INC.
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(54) BIALLELIC KNOCKOUT OF TET2
(51) Int. Cl.
C12N 15/74 (2006.01)
A61K 31/711 (2006.01)
(87) WO2024/064607
(31) 63/376,279 (32) 19.09.22 (33) US
(43) 28.03.2024
(72) EMMANUEL, Rafi
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- (71) EMENDOBIO INC.
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(21) 2023347821 (22) 18.09.2023
(54) BIALLELIC KNOCKOUT OF HLA-E
(51) Int. Cl.
C12N 15/90 (2006.01)
A61K 35/17 (2015.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/064613
(31) 63/376,269 (32) 19.09.22 (33) US
(43) 28.03.2024
(72) EMMANUEL, Rafi
(74) FB Rice Pty Ltd
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- (71) EMENDOBIO INC.
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(21) 2023347831 (22) 18.09.2023
(54) BIALLELIC KNOCKOUT OF CISH
(51) Int. Cl.
C12N 15/90 (2006.01)
A61K 35/17 (2015.01)
C12N 9/22 (2006.01)
C12N 15/85 (2006.01)
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(72) EMMANUEL, Rafi
(74) FB Rice Pty Ltd
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(21) 2023347841 (22) 18.09.2023
(54) BIALLELIC KNOCKOUT OF PD1
(51) Int. Cl.
C12N 15/10 (2006.01)
A61P 37/06 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/064633
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(43) 28.03.2024
(72) EMMANUEL, Rafi
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(51) Int. Cl.
C12N 15/09 (2006.01)
A61K 31/7088 (2006.01)
C07K 14/725 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
C12N 15/90 (2006.01)
(87) WO2024/064637
(31) 63/376,278 (32) 19.09.22 (33) US
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(72) EMMANUEL, Rafi
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(71) EMENDOBIO INC.
(11) AU-A-2023347891
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(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 9/22 (2006.01)
C12N 15/09 (2006.01)
C12N 15/11 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12N 15/10 (2006.01)

(87) WO2024/064683
(31) 63/376,275 (32) 19.09.22 (33) US
(43) 28.03.2024
(72) EMMANUEL, Rafi
(74) FB Rice Pty Ltd

(71) ENERGY DOME S.P.A.
(11) AU-A-2023369304
(21) 2023369304 (22) 18.10.2023
(54) DEVICE AND APPARATUS FOR
STORING AND RELEASING
THERMAL ENERGY AND ENERGY
TRANSFORMATION AND STORAGE
PLANT
(51) Int. Cl.
F28D 20/00 (2006.01)
F28D 7/12 (2006.01)
F28D 17/00 (2006.01)
F28F 9/013 (2006.01)
F28F 9/22 (2006.01)
F28F 19/01 (2006.01)

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(31) 102022000022011 (32) 25.10.22 (33) IT
(43) 02.05.2024
(72) SPADACINI, Claudio; RIZZI, Dario
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(11) AU-A-2023356939
(21) 2023356939 (22) 03.10.2023
(54) GABA A RECEPTOR MODULATORS
AND USES THEREOF
(51) Int. Cl.

A61P 25/00 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
A61K 31/03 (2006.01)
A61K 31/277 (2006.01)
C07D 209/14 (2006.01)
C07D 413/04 (2006.01)
A61P 25/22 (2006.01)

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Krishna; VANOVER, Kimberly;
TAYLOR, Eve; CUNNINGHAM, Steph-
en
(74) K&L Gates

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(HANGZHOU) CO., LTD
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(21) 2023328009 (22) 24.08.2023
(54) PRODRUG OF JAK KINASE INHIBIT-
OR
(51) Int. Cl.
C07D 471/14 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)

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(72) LIU, Pengfei; SHEN, Wang; BAI, Rujun;
DING, Yue; DING, Shizhe
(74) Baxter Patent Attorneys Pty Ltd

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INC.
(11) AU-A-2023367288
(21) 2023367288 (22) 27.10.2023
(54) SYSTEMS AND COMPOSITIONS FOR
FUSION POLYPEPTIDES AND METH-
ODS OF USE THEREOF
(51) Int. Cl.
C12N 9/22 (2006.01)
C12N 9/10 (2006.01)
C12N 15/113 (2010.01)
(87) WO2024/092199
(31) 63/381,169 (32) 27.10.22 (33) US
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CAROSSO, Giovanni; QI, Lei S.; HART,
Daniel O.
(74) Davies Collision Cave Pty Ltd

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(11) AU-A-2023351495
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(54) DIRECT ELECTRICAL HEATING OF
PROCESS HEATERS TUBES USING
GALVANIC ISOLATION TECHNIQUES
(51) Int. Cl.
B01J 8/00 (2006.01)
(87) WO2024/069232
(31) 2209906 (32) 29.09.22 (33) FR
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(72) QUERE, Grégoire
(74) Spruson & Ferguson

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(54) DIRECT ELECTRICAL HEATING OF
PROCESS HEATER TUBES USING
GALVANIC ISOLATION TECHNIQUES
(51) Int. Cl.
B01J 8/00 (2006.01)

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(31) 2209906 (32) 29.09.22 (33) FR
(43) 04.04.2024
(72) QUERE, Grégoire
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(21) 2023331554 (22) 24.08.2023
(54) ENDOPHYTIC MICROBIAL BIOSTIM-
ULANTS
(51) Int. Cl.
A01N 63/20 (2020.01)
A01N 63/22 (2020.01)
A01P 21/00 (2006.01)
C12N 1/20 (2006.01)
(87) WO2024/046858
(31) 22193372.4 (32) 01.09.22 (33) EP
(43) 07.03.2024
(72) GILCH, Stefan; HENNEMANN, Hans-
Georg; MICHEEL, Linda; NIEWALDA,
Julia; LAKOWITZ, Hanna-Christin; EN-
GEMANN, Moritz Sebastian
(74) WRAYS PTY LTD

(71) EVONIK OPERATIONS GMBH
(11) AU-A-2023331560
(21) 2023331560 (22) 24.08.2023
(54) ENDOPHYTIC MICROBIAL BIOSTIM-
ULANTS
(51) Int. Cl.
A01N 63/20 (2020.01)
A01P 21/00 (2006.01)
C12N 1/20 (2006.01)
(87) WO2024/046864
(31) 22193373.2 (32) 01.09.22 (33) EP
(43) 07.03.2024
(72) GILCH, Stefan; HENNEMANN, Hans-
Georg; MICHEEL, Linda; NIEWALDA,
Julia; LAKOWITZ, Hanna-Christin; EN-
GEMANN, Moritz Sebastian
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SZENTRUM STIFTUNG DES
ÖFFENTLICHEN RECHTS
(11) AU-A-2023331938
(21) 2023331938 (22) 23.08.2023
(54) MULTI-SPECIES CHIP TO DETECT
DNA-METHYLATION
(51) Int. Cl.
C12Q 1/6827 (2018.01)
C12Q 1/6837 (2018.01)
C12Q 1/6888 (2018.01)
(87) WO2024/046838
(31) 22193451.6 (32) 01.09.22 (33) EP
(43) 07.03.2024
(72) NAGARAJAN, Sanjanaa; ROY, Suki;
BÖHL, Florian; WHELAN, Rose;
HUANG, Lingzhi; WONG, Kit Yeng;
CHAN, Sarah; FRANKE, Daniel; LYKO,
Frank; VENKATESH, Geetha; RAD-
DATZ, Günter; LYKO-TÖNGES, Sina;
PFEFFERLE, Walter; WESSEL, Rainer
(74) WRAYS PTY LTD

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(11) AU-A-2023331939
(21) 2023331939 (22) 23.08.2023
(54) DNA-METHYLATION DETECTION IN ANIMAL-DERIVED PRODUCTS

(51) Int. Cl.
C12Q 1/6876 (2018.01)
C12Q 1/6883 (2018.01)

(87) WO2024/046839
(31) 22193450.8 (32) 01.09.22 (33) EP
(43) 07.03.2024

(72) WHELAN, Rose; NAGARAJAN, San-janaa; ROY, Suki; BÖHL, Florian; HUANG, Lingzhi; WONG, Kit Yeng; CHAN, Sarah; FRANKE, Daniel

(74) WRAYS PTY LTD

(71) EVONIK OPERATIONS GMBH
(11) AU-A-2023331940
(21) 2023331940 (22) 23.08.2023
(54) METHOD OF ASSESSING PROTEIN PRODUCTION IN CHO CELLS

(51) Int. Cl.
C12Q 1/6881 (2018.01)

(87) WO2024/046840
(31) 22193449.0 (32) 01.09.22 (33) EP
(43) 07.03.2024

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(74) WRAYS PTY LTD

(71) EVONIK OPERATIONS GMBH
(11) AU-A-2023331941
(21) 2023331941 (22) 23.08.2023
(54) IDENTIFYING BREEDING CONDITIONS OF LIVESTOCK USING EPI-GENETICS

(51) Int. Cl.
C12Q 1/6888 (2018.01)

(87) WO2024/046841
(31) 22193448.2 (32) 01.09.22 (33) EP
(43) 07.03.2024

(72) WHELAN, Rose; NAGARAJAN, San-janaa; ROY, Suki; BÖHL, Florian; WONG, Kit Yeng; HUANG, Lingzhi; CHAN, Sarah; FRANKE, Daniel

(74) WRAYS PTY LTD

(71) EVONIK OPERATIONS GMBH
(11) AU-A-2023331955
(21) 2023331955 (22) 24.08.2023
(54) ENDOPHYTIC MICROBIAL BIOSTIMULANTS

(51) Int. Cl.
A01N 63/20 (2020.01)
A01N 25/04 (2006.01)
A01P 21/00 (2006.01)
C12N 1/20 (2006.01)

(87) WO2024/046855
(31) 22193371.6 (32) 01.09.22 (33) EP
(43) 07.03.2024

(72) GILCH, Stefan; HENNEMANN, Hans-Georg; MICHEEL, Linda; NIEWALDA, Julia; LAKOWITZ, Hanna-Christin; ENGEMANN, Moritz Sebastian

(74) WRAYS PTY LTD

(71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023370005
(21) 2023370005 (22) 23.10.2023
(54) PROCESS FOR MANUFACTURING ALOGABAT

(51) Int. Cl.
C07D 407/12 (2006.01)
A61K 31/501 (2006.01)
A61P 25/20 (2006.01)
C07D 413/14 (2006.01)

(87) WO2024/088928
(31) 22203478.7 (32) 25.10.22 (33) EP
(43) 02.05.2024

(72) GUILLEMOT-PLASS, Maud; JENNY, Christian; KOERNER, Matthias; MOD-OLO-CHELLAT, Isabelle Georgette Huguet; SCALONE, Michelangelo

(74) Spruson & Ferguson

(71) FAR FIELD EXPLOITS LIMITED
(11) AU-A-2023357691
(21) 2023357691 (22) 04.10.2023
(54) IMPROVED RADIOFREQUENCY ANTENNA

(51) Int. Cl.
H01Q 13/20 (2006.01)
H01Q 25/00 (2006.01)

(87) WO2024/074821
(31) 2214635.1 (32) 05.10.22 (33) GB
(43) 11.04.2024

(72) MERRETT, Simon; DADD, Christopher; BALLANTYNE, Simon

(74) ET Intellectual Property

(71) FIBER SENSE LIMITED
(11) AU-A-2023347084
(21) 2023347084 (22) 21.09.2023
(54) ACOUSTIC METHOD AND SYSTEM FOR TRACKING OBJECTS AND IDENTIFYING TRENDS IN TRACKS OF TRACKED OBJECTS FOR BEHAVIOURAL AND RELATIONSHIP INFORMATION

(51) Int. Cl.
G01H 9/00 (2006.01)
G01D 5/353 (2006.01)
G01S 5/16 (2006.01)
G01S 13/88 (2006.01)
G01S 13/93 (2020.01)
G01S 15/88 (2006.01)
G01S 17/58 (2006.01)
G01V 1/00 (2024.01)
G01V 1/22 (2006.01)
G08G 1/04 (2006.01)

(87) WO2024/059911
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(43) 28.03.2024

(72) ENGLUND, Mark Andrew

(74) FPA Patent Attorneys Pty Ltd

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(54) ROLL CRUSHER WITH ADJUSTABLE CRUSHING GAP

(51) Int. Cl.

B02C 1/08 (2006.01)
B02C 1/02 (2006.01)
B02C 4/12 (2006.01)
B02C 4/34 (2006.01)

(87) WO2024/069462
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(72) SZCZELINA, Piotr; KOCH, Tobias; ELLERMANN, Raul Eduardo

(74) FPA Patent Attorneys Pty Ltd

(71) FMC TECHNOLOGIES, INC.

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(54) SUBMERSIBLE REMOTE OPERATED VEHICLE VISION ASSISTANCE AND CONTROL

(51) Int. Cl.
B25J 9/16 (2006.01)

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(72) SCHUMANN, Blake; LEONHARDT, Mark; WENDEBORN, Alex; JANSSEN, Brett Adam

(74) RnB IP Pty Ltd

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E21B 33/04 (2006.01)
E21B 33/072 (2006.01)

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(72) HERGARDEN, Thomas, Lars

(74) FPA Patent Attorneys Pty Ltd

(71) FNV IP B.V.

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(21) 2023355481 (22) 18.08.2023

(54) REMOTELY OPERATED GROUND TESTING APPARATUS AND METHOD

(51) Int. Cl.
E21B 49/02 (2006.01)
E02D 1/04 (2006.01)

(87) WO2024/074243

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(72) LOOIJEN, Peter; SALOME, Peter

(74) Spruson & Ferguson

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(54) MAGNETIC DETECTION DEVICE AND METHOD

(51) Int. Cl.
G01V 3/08 (2006.01)
G01V 3/15 (2006.01)

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A61K 31/472 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
C07D 217/02 (2006.01)
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F16K 27/04 (2006.01)
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C21C 5/46 (2006.01)
C21C 5/52 (2006.01)
F27B 3/08 (2006.01)
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F27D 19/00 (2006.01)
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A61K 31/504 (2006.01)
A61P 35/00 (2006.01)
C07D 471/22 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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A61B 5/22 (2006.01)
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A63B 24/00 (2006.01)
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F21S 4/24 (2016.01)
F21S 8/00 (2006.01)
F21V 21/08 (2006.01)
F21Y 103/10 (2016.01)
F21Y 115/10 (2016.01)
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A61K 8/21 (2006.01)
A61K 8/25 (2006.01)
A61K 8/34 (2006.01)
A61K 8/73 (2006.01)
A61Q 11/00 (2006.01)
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(74) AJ PARK
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E21B 49/02 (2006.01)
E21B 21/06 (2006.01)
G01V 1/44 (2006.01)
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(51) Int. Cl.
E21B 29/00 (2006.01)
E21B 4/04 (2006.01)
E21B 10/32 (2006.01)
E21B 23/01 (2006.01)
E21B 29/06 (2006.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(51) Int. Cl.
E21B 33/14 (2006.01)
C09K 8/46 (2006.01)
E21B 41/00 (2006.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(11) AU-A-2023350357
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(54) CATALYST SYSTEM HAVING A CATALYST NETWORK COMPRISING A NOBLE METAL WIRE FOR LONG CAMPAIGNS IN AMMONIA OXIDATION
(51) Int. Cl.
B01J 23/46 (2006.01)
B01J 35/58 (2024.01)
C01B 21/00 (2006.01)
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(72) HESSE, Jens; MAIER, Dirk; HIRSCHHEL, Pascal; JANTSCH, Uwe
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(51) Int. Cl.
A61K 31/404 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/47 (2006.01)
A61K 31/505 (2006.01)
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A61K 45/06 (2006.01)
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B28B 13/02 (2006.01)
B28B 17/00 (2006.01)
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(72) REINKE, Maximilian Leo Josef; SWIT-ALA, Jörg
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2023351499 (22) 28.09.2023
(54) METHODS FOR TREATING INACTIVE OR CHRONIC THYROID EYE DISEASE
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A61P 27/02 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
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(74) Spruson & Ferguson

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G01R 19/00 (2006.01)
G01R 23/16 (2006.01)
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G01R 19/25 (2006.01)
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H04W 24/10 (2009.01)
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B01D 29/21 (2006.01)
B01D 29/96 (2006.01)
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A61K 38/17 (2006.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/7105 (2006.01)
A61K 38/46 (2006.01)
A61P 7/00 (2006.01)
C07K 14/47 (2006.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/12 (2006.01)
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C08G 18/10 (2006.01)
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C08L 101/14 (2006.01)
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F16L 1/12 (2006.01)
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G06N 3/0464 (2023.01)
G06N 3/0475 (2023.01)
G16H 30/40 (2018.01)
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G06T 7/70 (2017.01)
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E21C 47/00 (2006.01)
G16Y 10/40 (2020.01)
G16Y 20/20 (2020.01)
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B32B 17/10 (2006.01)
B29C 59/02 (2006.01)
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(31) 2022-150206 (32) 21.09.22 (33) JP
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A61K 39/215 (2006.01)
A61P 31/14 (2006.01)
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A61N 1/372 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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A61B 5/02 (2006.01)
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G16H 50/20 (2018.01)
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(54) THERAPEUTIC BODY COVER
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A41D 27/28 (2006.01)
A47G 9/00 (2006.01)
A47G 9/06 (2006.01)
A47G 9/08 (2006.01)
A61F 5/37 (2006.01)
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H01C 7/12 (2006.01)
H01C 1/14 (2006.01)
H01T 1/14 (2006.01)
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H01C 1/022 (2006.01)
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A61K 8/64 (2006.01)
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A61Q 19/00 (2006.01)
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A61K 8/64 (2006.01)
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(51) Int. Cl.
A61Q 19/08 (2006.01)
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E02F 9/28 (2006.01)
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C07D 403/06 (2006.01)
A61K 31/404 (2006.01)
A61K 31/407 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/454 (2006.01)
A61P 25/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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A61K 9/00 (2006.01)
A61K 31/416 (2006.01)
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A61P 25/00 (2006.01)
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G06T 1/00 (2006.01)
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A61K 51/04 (2006.01)
A61K 47/54 (2017.01)
A61P 35/00 (2006.01)
- C07B 59/00** (2006.01)
A61K 103/00 (2006.01)
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C07B 59/00 (2006.01)
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A01N 43/90 (2006.01)
A01P 1/00 (2006.01)
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A61P 31/00 (2006.01)
C07C 49/255 (2006.01)
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A61K 39/12 (2006.01)
A61K 9/127 (2006.01)
A61K 39/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/87 (2006.01)
(87) WO2024/089633
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(72) CHEN, Wei; DIAZ, Fernando Martin; SWANSON, Kena Anne
(74) Allens Patent & Trade Mark Attorneys
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(51) Int. Cl.
A61K 38/19 (2006.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
(87) WO2024/047237
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(72) NERI, Dario; PUCA, Emanuele; ELIA, Giuliano; NADAL, Lisa
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(54) HINGE, ADAPTOR, COVER AND ASSEMBLY
(51) Int. Cl.
E05F 1/12 (2006.01)
E05D 3/02 (2006.01)
E05D 5/02 (2006.01)
E05D 5/08 (2006.01)
E05D 11/00 (2006.01)
E05F 3/20 (2006.01)
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(72) STUART, Michael Christopher
(74) GLMR
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(21) 2023342760 (22) 11.09.2023
(54) DISTRIBUTED ON-DEMAND ELEVATED POWER IN LOW POWER INFRASTRUCTURES
(51) Int. Cl.
B60L 53/31 (2019.01)
B60L 53/51 (2019.01)
B60L 53/53 (2019.01)
B60L 53/63 (2019.01)
B60L 53/67 (2019.01)
B60L 53/30 (2019.01)
B60L 53/50 (2019.01)
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(72) GOEI, Esmond
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(21) 2023350695 (22) 26.09.2023
(54) ENERGY STORAGE AND SUPPLY TO ELECTRICAL GRID
(51) Int. Cl.
H02J 15/00 (2006.01)
H02J 3/00 (2006.01)
H02J 3/28 (2006.01)
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(72) STONEHOUSE, Colin
(74) Armour IP
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(11) AU-A-2023365484
(21) 2023365484 (22) 20.10.2023
(54) HIGH-BANDWIDTH SYSTEMS FOR CLOSED-LOOP SPINAL CORD STIMULATION
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/375 (2021.01)
A61N 1/05 (2006.01)
(87) WO2024/086346
(31) 63/417,922 (32) 20.10.22 (33) US
(43) 25.04.2024
(72) RAPOPORT, Benjamin, I.; MERMEL, Craig, H.; TRIETSCH, Daniel; HETTICK, Mark; HO, Elton; TAKAHASHI, Kazutaka
(74) FPA Patent Attorneys Pty Ltd

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(54) HIGH-BANDWIDTH SYSTEMS FOR CLOSED-LOOP DEEP BRAIN STIMULATION
(51) Int. Cl.
A61B 5/37 (2021.01)
A61B 5/375 (2021.01)
A61B 5/00 (2006.01)
A61N 1/05 (2006.01)
(87) WO2024/086350
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(21) 2023365489 (22) 20.10.2023
(54) SECURE INTERFACES FOR NEURAL DEVICES
(51) Int. Cl.
G16H 10/60 (2018.01)
A61B 5/24 (2021.01)
G16H 40/63 (2018.01)
G16H 40/67 (2018.01)
(87) WO2024/086351
(31) 63/417,837 (32) 20.10.22 (33) US
(43) 25.04.2024
(72) RAPOPORT, Benjamin, I.; HETTICK, Mark; MERMEL, Craig, H.; MONGE, Manuel; MURPHY, Mark; TRIETSCH, Daniel
(74) FPA Patent Attorneys Pty Ltd
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(54) DATA-EFFICIENT TRANSFER LEARNING FOR NEURAL DECODING APPLICATIONS
(51) Int. Cl.
A61B 5/00 (2006.01)
G06F 3/01 (2006.01)
G16H 50/20 (2018.01)
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(31) 63/418,657 (32) 24.10.22 (33) US
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(74) FPA Patent Attorneys Pty Ltd
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(21) 2023342153 (22) 15.09.2023
(54) BRM TARGETING COMPOUNDS AND ASSOCIATED METHODS OF USE
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/5025 (2006.01)
C07D 487/14 (2006.01)
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(72) BASCH, Corey Howard; MEI, Song; LIU, Liang; SHVARTSBART, Artem; COMBS, Andrew; ROSE, John A.; REZAZADEH, Sina; ROTH, Danielle Beam; BERSCH, Klare L.; DEVANNAH, Vijayarajan
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2023353878
(21) 2023353878 (22) 28.09.2023
(54) EVOLUTION OF FLUOROGENIC SENSORS
(51) Int. Cl.
C07H 17/02 (2006.01)
C07H 21/04 (2006.01)
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(87) WO2024/073568
(31) 63/410,998 (32) 28.09.22 (33) US
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- (71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE; DANA-FARBER CANCER INSTITUTE, INC.; KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY
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(21) 2023356193 (22) 06.10.2023
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A61K 31/7088 (2006.01)
A61K 39/39 (2006.01)
A61P 37/04 (2006.01)
C12N 15/11 (2006.01)
A61K 47/69 (2017.01)
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(72) ZENG, Yang C.; SHIH, William M.; MACDONALD, James I.; RYU, Ju, Hee; KWON, Ick Chan
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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A23C 19/16 (2006.01)
A23L 29/00 (2016.01)
A23L 29/10 (2016.01)
A23P 20/10 (2016.01)
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(72) DUELUND, Maja Slyngborg
(74) FPA Patent Attorneys Pty Ltd
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- (71) PROMETHEUS ENERGY GROUP, LLC
(11) AU-A-2023356809
(21) 2023356809 (22) 28.09.2023
(54) APPARATUS AND METHOD FOR A HYDROGEN POWERED GENERATOR WITH HIGH CAPACITY HYDROGEN STORAGE DEVICES
(51) Int. Cl.
H01M 8/00 (2016.01)
F02M 21/02 (2006.01)
H01M 8/04 (2016.01)
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(72) KERNENE, Nicolas
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- (71) PURA SCENTS, INC.
(11) AU-A-2023343345
(21) 2023343345 (22) 13.09.2023
(54) TABLETOP SCENT DISPENSING DEVICE
(51) Int. Cl.
B65D 83/14 (2006.01)
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B65D 83/60 (2006.01)
B65D 83/68 (2006.01)
A61L 9/04 (2006.01)
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(11) AU-A-2022480034
(21) 2022480034 (22) 29.09.2022
(54) SYSTEMS, METHODS AND APPARATUS FOR DOWNHOLE MONITORING OF PRODUCTION CONDITIONS USING EM TELEMETRY
(51) Int. Cl.
E21B 17/00 (2006.01)
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E21B 47/125 (2012.01)
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(72) MORGAN, Quentin; SIEFERT, Michael
(74) Spruson & Ferguson
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- (71) RAKUTEN SYMPHONY, INC.
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 (21) 2023365504 (22) 21.10.2023
 (54) CRYOTHERAPEUTIC SYSTEMS AND METHODS FOR TARGETED LUNG NEUROMODULATION THERAPIES
 (51) Int. Cl.
A61B 18/02 (2006.01)
A61B 18/00 (2006.01)
 (87) WO2024/086366
 (31) 63/417,964 (32) 20.10.22 (33) US
 (43) 25.04.2024
 (72) MIYASHIRO, Katherine; SCHOENHOFF, Emily; HAYNES, Austin; ZAVIER, Nrupen; ANDREOTTI, Paul; ANDREAS, Bernard; MAGAÑA, Jesus
 (74) FB Rice Pty Ltd

(71) S.P.M. INSTRUMENT AB
 (11) AU-A-2023358247
 (21) 2023358247 (22) 09.10.2023
 (54) A SYSTEM FOR TOOL EDGE MONITORING
 (51) Int. Cl.
G05B 19/4065 (2006.01)
G01H 17/00 (2006.01)
 (87) WO2024/080915
 (31) 2251178-6 (32) 09.10.22 (33) SE
 (43) 18.04.2024
 (72) SUNDSTRÖM, Tim
 (74) Griffith Hack

(71) SAFIER INGENIERIE
 (11) AU-A-2023348050
 (21) 2023348050 (22) 15.09.2023
 (54) OFF-SHORE FLOATING PLATFORM FOR FLOATING WIND TURBINE MANUFACTURE, ASSEMBLY, MAINTENANCE AND/OR DISASSEMBLY
 (51) Int. Cl.
B63B 77/10 (2020.01)
B63B 5/18 (2006.01)
B63B 27/12 (2006.01)
B63B 35/38 (2006.01)
 (87) WO2024/069076
 (31) FR2209795 (32) 27.09.22 (33) FR
 (43) 04.04.2024
 (72) SAFIER, Elchanan
 (74) AJ PARK

(71) SANDVIK MINING AND CONSTRUCTION TOOLS AB
 (11) AU-A-2023346786
 (21) 2023346786 (22) 19.09.2023
 (54) RAISE BORING TOOL WITH A DIGITAL IDENTIFICATION TAG
 (51) Int. Cl.
E21B 7/28 (2006.01)
E21B 10/10 (2006.01)
E21B 47/13 (2012.01)
G06K 19/07 (2006.01)
 (87) WO2024/061887
 (31) 22196856.3 (32) 21.09.22 (33) EP
 (43) 28.03.2024
 (72) LOIKKANEN, Joona; LINDBLOM, Anders
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) SANGENIC INTERNATIONAL LIMITED
 (11) AU-A-2023343038
 (21) 2023343038 (22) 14.09.2023
 (54) A WASTE PROCESSING APPARATUS, AND A METHOD OF PROCESSING WASTE
 (51) Int. Cl.
B09B 3/35 (2022.01)
A61L 11/00 (2006.01)
B02C 19/00 (2006.01)
B09B 3/40 (2022.01)
B09B 101/25 (2022.01)
B09B 101/67 (2022.01)
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B29L 31/48 (2006.01)
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 (31) 2213482.9 (32) 14.09.22 (33) GB
 (43) 21.03.2024
 (72) HUME, Joshua
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) SAPIENCE THERAPEUTICS, INC.
 (11) AU-A-2023356118
 (21) 2023356118 (22) 09.10.2023
 (54) USE OF C/EBP-BETA ANTAGONIST AND IMMUNOMODULATOR
 (51) Int. Cl.
A61K 38/16 (2006.01)
A61K 38/17 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2024/077297
 (31) 63/414,397 (32) 07.10.22 (33) US
 (43) 11.04.2024
 (72) KAPPEL, Barry, Jay; ROTOLO, Jimmy, Andrew; SCUOPPO, Claudio
 (74) Forte Intellectual Property Pty Ltd

(71) SCHNEIDER ELECTRIC SYSTEMS USA, INC.; SCHNEIDER ELECTRIC INDUSTRIES SAS; EUROTHERM AUTOMATION SAS; SCHNEIDER ELECTRIC USA, INC.
 (11) AU-A-2023354149
 (21) 2023354149 (22) 29.09.2023
 (54) DIRECT ELECTRICAL HEATING OF PROCESS HEATER TUBES USING GALVANIC ISOLATION TECHNIQUES
 (51) Int. Cl.
B01J 8/06 (2006.01)
B01J 12/00 (2006.01)
B01J 19/00 (2006.01)
C07C 2/12 (2006.01)
 (87) WO2024/073655
 (31) FR2209906 (32) 29.09.22 (33) FR
 (43) 04.04.2024
 (72) CARR, Lanyon; BICKEL, Jon, A.; QUERE, Gregoire; STEFANSKI, Benoit
 (74) RnB IP Pty Ltd

(71) SCHULTE STRATHAUS GMBH & CO. KG FÖRDERTECHNIK DICH-TUNGSSYSTEME
 (11) AU-A-2022482262
 (21) 2022482262 (22) 11.10.2022
 (54) SYSTEM AND METHOD FOR MONITORING THE STATE OF A CONVEYOR BELT OF A CONVEYOR-BELT IN-

STALLATION, AND A CORRESPONDING CONVEYOR-BELT INSTALLATION
 (51) Int. Cl.
B65G 43/02 (2006.01)
B65G 43/06 (2006.01)
B65G 45/16 (2006.01)
 (87) WO2024/078697
 (43) 18.04.2024
 (72) SCHULTE STRATHAUS, Michael
 (74) Spruson & Ferguson

(71) SEEDALIVE GMBH
 (11) AU-A-2023355583
 (21) 2023355583 (22) 26.09.2023
 (54) METHOD FOR ESTIMATING THE GERMINATION PROPERTIES OF PLANT SEEDS AND TEST KITS
 (51) Int. Cl.
G01N 21/78 (2006.01)
A01C 1/02 (2006.01)
G01N 21/25 (2006.01)
G01N 21/84 (2006.01)
 (87) WO2024/074345
 (31) 10 2022 125 712.6 (32) 05.10.22 (33) DE
 (43) 11.04.2024
 (72) VARNSKÜHLER, Jens
 (74) Halfords IP

(71) SEKURA GLOBAL IP LLP
 (11) AU-A-2023332399
 (21) 2023332399 (22) 31.08.2023
 (54) SECURITY TAG
 (51) Int. Cl.
G08B 13/24 (2006.01)
G08B 15/02 (2006.01)
 (87) WO2024/047347
 (31) 2212576.9 (32) 31.08.22 (33) GB
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 (72) PERREAU, Ben; CHRISTIANSON, David
 (74) Murray Trento & Associates Pty Ltd

(71) SEKURA GLOBAL IP LLP
 (11) AU-A-2023332400
 (21) 2023332400 (22) 31.08.2023
 (54) METHOD FOR TRIGGERING A SECURITY TAG
 (51) Int. Cl.
G08B 13/24 (2006.01)
 (87) WO2024/047348
 (31) 2212577.7 (32) 31.08.22 (33) GB
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 (72) PERREAU, Ben; CHRISTIANSON, David
 (74) Murray Trento & Associates Pty Ltd

(71) SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION
 (11) AU-A-2023361262
 (21) 2023361262 (22) 10.10.2023
 (54) METHOD FOR PREPARING ORGANOID USING STEM CELL SELF-ORGANIZING ABILITY AND ORGANOID PREPARED BY SAME METHOD
 (51) Int. Cl.

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A61K 35/28 (2015.01)
A61P 19/00 (2006.01)
C12N 5/071 (2010.01)
C12N 5/0775 (2010.01)
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(31) 10-2022-0130869 (32) 12.10.22 (33) KR
(43) 18.04.2024
(72) CHO, Jae Jin
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2023347003
(21) 2023347003 (22) 21.09.2023
(54) ANTI-B7H3 ANTIBODIES AND METHODS OF USE
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
C12N 5/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/63 (2006.01)
G01N 33/574 (2006.01)
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(31) PCT/ CN2022/120415 (32) 22.09.22 (33) CN
(43) 28.03.2024
(72) CHANG, Jen-Kuan; XU, Wenfeng; JIANG, Wei-Dong; ISSAFRAS, Hassan; XUE, Jie; LIN, Pei-Hua
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- (71) SHANGHAI JEYOU PHARMACEUTICAL CO., LTD.
(11) AU-A-2023339206
(21) 2023339206 (22) 01.09.2023
(54) SALT TYPE AND CRYSTAL FORM OF BENZAZEPINE FUSED RING COMPOUND AND USE THEREOF
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/55 (2006.01)
C07D 223/16 (2006.01)
- (87) WO2024/051590
(31) 202211080826.4 (32) 05.09.22 (33) CN
(43) 14.03.2024
(72) ZHANG, Yong; CAO, Cheng
(74) FB Rice Pty Ltd
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(54) APPARATUS FOR SEPARATING A SOLIDS-CONTAINING AND MOLTEN SALT CONTAINING STREAM
(51) Int. Cl.
B01D 45/16 (2006.01)
B04C 5/00 (2006.01)
B04C 5/20 (2006.01)
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(74) Spruson & Ferguson
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- (71) SHELTERED WINGS INC. D/B/A VORTEX OPTICS
(11) AU-A-2023329381
(21) 2023329381 (22) 24.08.2023
(54) VIEWING OPTIC WITH SOFTWARE CAPABILITIES IMPLEMENTED BY AN ENABLER
(51) Int. Cl.
F41G 1/36 (2006.01)
F41G 1/38 (2006.01)
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(43) 29.02.2024
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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2023329498
(21) 2023329498 (22) 28.08.2023
(54) A POWER PACK FOR A VIEWING OPTIC
(51) Int. Cl.
F41G 1/35 (2006.01)
F41G 1/00 (2006.01)
F41G 11/00 (2006.01)
G02B 23/16 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2023328140
(21) 2023328140 (22) 25.08.2023
(54) MULTI-FRAGMENTED POLYA POLYNUCLEOTIDE STABLY EXISTING IN HOST CELL AND USE THEREOF
(51) Int. Cl.
C12N 15/68 (2006.01)
A61K 48/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/85 (2006.01)
C12P 19/34 (2006.01)
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(72) HU, Yong; XU, Pan
(74) FB Rice Pty Ltd
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- (71) SHENZHEN ROBOROCK INNOVATION TECHNOLOGY CO., LTD.
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(54) TABLEWARE TREATMENT DEVICE
(51) Int. Cl.
A47L 15/48 (2006.01)
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D06F 58/20 (2006.01)
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- (43) 07.03.2024
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(74) Halfords IP
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- (71) SHIRATORI PHARMACEUTICAL CO., LTD.; TOHOKU UNIVERSITY
(11) AU-A-2023346688
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(54) TRIPHENYLazole COMPOUND
(51) Int. Cl.
C07D 231/12 (2006.01)
A61K 31/415 (2006.01)
A61K 31/4196 (2006.01)
A61P 9/10 (2006.01)
A61P 17/02 (2006.01)
A61P 25/00 (2006.01)
A61P 25/02 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
C07D 249/08 (2006.01)
C12N 15/12 (2006.01)
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(31) 2022-150521 (32) 21.09.22 (33) JP
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD.
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(21) 2023359251 (22) 12.10.2023
(54) ANTIBODY-DRUG CONJUGATE BINDING TO HUMAN PTK7 AND METHOD FOR PREPARATION AND USE THEREOF
(51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(72) LONG, Hu; LUO, Shuntao; TIAN, Qiang; YUAN, Xiaoxi; ZHOU, Yuehua; CHEN, Qian; HU, Ruibin; LUO, Liangbo; ZHANG, Yitao; WU, Ying; SONG, Hongmei; TAN, Miao; TAN, Xi-angyang; GE, Junyou
(74) AJ PARK

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(71) SIGNPATH PHARMA, INC. (11) AU-A-2023347744 (21) 2023347744 (22) 08.09.2023 (54) CARDIOPROTECTIVE LIPID AND METHOD OF USE (51) Int. Cl. C07F 9/09 (2006.01) A61P 9/00 (2006.01) A61K 31/661 (2006.01) A61K 45/06 (2006.01) (87) WO2024/064536 (31) 17/950,898 (32) 22.09.22 (33) US (43) 28.03.2024 (72) McCHESNEY, James; BOUCHARD, Annie; KAPPUSAMY, Saravanan; AUGUSTINE, John; Kallikat; LEVY, Daniel, Emil; SALVAIL, Dany (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd	(71) SOCIETE DES PRODUITS NESTLE S.A. (11) AU-A-2023366292 (21) 2023366292 (22) 26.10.2023 (54) PROCESSES FOR CELL EXPANSION (51) Int. Cl. C12N 5/074 (2010.01) C12M 3/00 (2006.01) (87) WO2024/089212 (31) 22203776.5 (32) 26.10.22 (33) EP 22203772.3 26.10.22 EP (43) 02.05.2024 (72) WIJAYA, Andy Wiranata; MARQUES DE LIMA, Maria; KRAUS, Marine; MASHINCHIAN, Omid (74) Spruson & Ferguson	(71) STEPAN COMPANY (11) AU-A-2023356329 (21) 2023356329 (22) 05.10.2023 (54) ORAL CARE COMPOSITIONS CONTAINING RHAMNOLIPIDS (51) Int. Cl. A61P 31/04 (2006.01) A61K 8/60 (2006.01) A61K 45/06 (2006.01) A61Q 11/00 (2006.01) C12N 1/20 (2006.01) (87) WO2024/077121 (31) 63/413,379 (32) 05.10.22 (33) US (43) 11.04.2024 (72) STROUT, Kelly; NIKOLOFF, Alexander; TRAN, Thach, Bao; MACKINNON, John; JEFFERIS, Jesse; BAJRACHARYA, Cyril (74) Spruson & Ferguson
(71) SINTEF TTO AS (11) AU-A-2023355344 (21) 2023355344 (22) 04.10.2023 (54) IMAGING SYSTEM FOR AQUATIC ORGANISMS (51) Int. Cl. G01N 21/25 (2006.01) G01N 21/31 (2006.01) G01N 21/84 (2006.01) G01N 21/85 (2006.01) G01N 21/33 (2006.01) G01N 21/35 (2014.01) (87) WO2024/076246 (31) 20221060 (32) 05.10.22 (33) NO (43) 11.04.2024 (72) KVÆSTAD, Bjarne; NORDTUG, Trond (74) Griffith Hack	(71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A. (11) AU-A-2023374344 (21) 2023374344 (22) 27.10.2023 (54) ROASTED COFFEE (51) Int. Cl. A23F 5/04 (2006.01) A23F 5/06 (2006.01) A23F 5/16 (2006.01) (87) WO2024/094548 (31) 22205211.0 (32) 03.11.22 (33) EP (43) 10.05.2024 (72) POISSON, Luigi; MURPHY, Sean; DAVIDEK, Tomas; TCHAMENI, Elodie (74) Spruson & Ferguson	(71) STEPR PTY LTD. (11) AU-A-2023364958 (21) 2023364958 (22) 21.10.2023 (54) SYSTEMS AND METHODS FOR AN IMPROVED FITNESS STAIR MACHINE (51) Int. Cl. A63B 22/04 (2006.01) A63B 21/005 (2006.01) A63B 24/00 (2006.01) A63B 71/06 (2006.01) G10K 11/162 (2006.01) (87) WO2024/084465 (31) 63/380,548 (32) 21.10.22 (33) US 63/505,294 31.05.23 US 63/508,285 15.06.23 US (43) 25.04.2024 (72) ALENADDAF, Daniel; THORNEYCROFT, Hayden (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
(71) SKINBIOTHERAPEUTICS PLC (11) AU-A-2023345958 (21) 2023345958 (22) 20.09.2023 (54) COMPOSITIONS AND USES THEREOF (51) Int. Cl. A61K 8/99 (2017.01) A61K 35/74 (2015.01) A61P 17/00 (2006.01) A61Q 17/00 (2006.01)	(71) SOUTH CHICAGO PACKING LLC (11) AU-A-2023353470 (21) 2023353470 (22) 28.09.2023 (54) POURABLE AND SPRAYABLE LIQUID ANIMAL FAT COOKING COMPOSITION (51) Int. Cl. A23D 9/007 (2006.01) A23L 27/00 (2016.01) (87) WO2024/072927 (31) 63/410,991 (32) 28.09.22 (33) US 18/373,928 27.09.23 US (43) 04.04.2024 (72) KANESVARAN, Kiran Jason; FIMREITE, Duane (74) HENRY HUGHES IP LTD	(71) STICHTING NUCLEAR RESEARCH AND CONSULTANCY GROUP (11) AU-A-2023343236 (21) 2023343236 (22) 17.08.2023 (54) PREPARATION OF HIGH SPECIFIC ACTIVITY PT ISOTOPES FROM IR ALLOYS (51) Int. Cl. G21G 1/06 (2006.01) G21G 1/00 (2006.01) (87) WO2024/056314

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BAKKER, Klaas; CODÉE-VAN DER
SCHILDEN, Karlijn
(74) Griffith Hack
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VERSITAIR MEDISCH CENTRUM
(11) AU-A-2023357354
(21) 2023357354 (22) 06.10.2023
(54) ANTISENSE OLIGONUCLEOTIDES
FOR TREATMENT OF USHER 2A. EX-
ONS 30-31
(51) Int. Cl.
C12N 15/113 (2010.01)
A61P 27/02 (2006.01)
(87) WO2024/074668
(31) 22200115.8 (32) 06.10.22 (33) EP
(43) 11.04.2024
(72) VAN WYK, Hendrikus Antonius Rudol-
fus
(74) Griffith Hack
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VERSITAIR MEDISCH CENTRUM
(11) AU-A-2023357356
(21) 2023357356 (22) 06.10.2023
(54) ANTISENSE OLIGONUCLEOTIDES
FOR TREATMENT OF USHER 2A.
EXON 68
(51) Int. Cl.
C12N 15/113 (2010.01)
A61P 27/02 (2006.01)
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fus
(74) Griffith Hack
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- (71) STRATCO (AUSTRALIA) PTY LIMITED
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(54) OUTDOOR ENCLOSURE AND A
WALL PANEL FOR AN OUTDOOR EN-
CLOSURE
(51) Int. Cl.
E04C 2/08 (2006.01)
E04B 2/00 (2006.01)
E04B 2/02 (2006.01)
E04B 5/00 (2006.01)
E04B 7/00 (2006.01)
E04C 2/00 (2006.01)
E04C 2/38 (2006.01)
E04F 13/12 (2006.01)
E04H 1/12 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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LTD.
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(21) 2023354507 (22) 17.08.2023
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- (54) TANK AND REDOX FLOW BATTERY
SYSTEM
(51) Int. Cl.
H01M 8/18 (2006.01)
B65D 90/04 (2006.01)
H01M 8/04 (2016.01)
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(31) 2022-158716 (32) 30.09.22 (33) JP
(43) 04.04.2024
(72) KUWABARA, Masahiro
(74) Spruson & Ferguson
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- (71) SUMITOMO ELECTRIC INDUSTRIES,
LTD.
(11) AU-A-2023354518
(21) 2023354518 (22) 18.08.2023
(54) CELL FRAME STRUCTURE, CELL
STACK, AND REDOX FLOW BATTERY
SYSTEM
(51) Int. Cl.
H01M 8/18 (2006.01)
H01M 8/02 (2016.01)
H01M 8/0221 (2016.01)
H01M 8/0258 (2016.01)
H01M 8/2483 (2016.01)
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(31) 2022-155357 (32) 28.09.22 (33) JP
(43) 04.04.2024
(72) ITO, Takefumi; MOTOI, Kenji
(74) Spruson & Ferguson
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- (71) SUMITOMO METAL MINING CO., LTD.
(11) AU-A-2024254272
(21) 2024254272 (22) 08.03.2024
(54) METHOD FOR PRODUCING LITHI-
UM-CONTAINING SOLUTION
(51) Int. Cl.
C22B 26/12 (2006.01)
B01J 20/06 (2006.01)
C01D 15/04 (2006.01)
C02F 1/28 (2023.01)
C22B 3/24 (2006.01)
C22B 3/44 (2006.01)
(87) WO2024/203175
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(43) 03.10.2024
(72) KASEYAMA Takuya; TAKANO
Masatoshi; MURAKAMI Akihiro;
MAEDA Kyohei
(74) Davies Collison Cave Pty Ltd
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- (71) SUMITOMO OSAKA CEMENT
CO.,LTD.; YAMAGUCHI UNIVERSITY;
KYUSHU UNIVERSITY,NATIONAL
UNIVERSITY CORPORATION
(11) AU-A-2023337210
(21) 2023337210 (22) 06.09.2023
(54) BIPOLAR MEMBRANE ELECTRODIA-
LYZER AND METHOD FOR OPERAT-
ING SAME
(51) Int. Cl.
C02F 1/469 (2023.01)
B01D 61/44 (2006.01)
B01D 61/46 (2006.01)
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- (43) 14.03.2024
(72) KIKUCHI Sadato; OIZUMI Risa;
KONISHI Masayoshi; HIGA Mitsuru;
TANIGUCHI Ikuro
(74) Spruson & Ferguson
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- (71) SUMITOMO OSAKA CEMENT
CO.,LTD.; YAMAGUCHI UNIVERSITY;
KYUSHU UNIVERSITY,NATIONAL
UNIVERSITY CORPORATION
(11) AU-A-2023337212
(21) 2023337212 (22) 06.09.2023
(54) CALCIUM CARBONATE PRODUC-
TION METHOD AND PRODUCTION
SYSTEM
(51) Int. Cl.
C01F 11/18 (2006.01)
B09B 3/70 (2022.01)
(87) WO2024/053678
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(72) KIKUCHI Sadato; OIZUMI Risa;
KONISHI Masayoshi; HIGA Mitsuru;
TANIGUCHI Ikuro
(74) Spruson & Ferguson
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- (71) SUMITOMO SHI FW ENERGIA OY
(11) AU-A-2023369794
(21) 2023369794 (22) 17.10.2023
(54) METHOD FOR PRODUCTION OF
SYNTHESIS GAS AND A REACTOR
(51) Int. Cl.
C10G 2/00 (2006.01)
C10J 3/52 (2006.01)
C10J 3/72 (2006.01)
C10J 3/84 (2006.01)
C10K 1/02 (2006.01)
C10K 1/04 (2006.01)
C10K 3/00 (2006.01)
(87) WO2024/088822
(31) 20225958 (32) 25.10.22 (33) FI
(43) 02.05.2024
(72) BERG, Eero; PEIPPO, Rauno
(74) Griffith Hack
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- (71) SUZHOU SUNCADIA BIOPHARMA-
CEUTICALS CO., LTD.; JIANGSU
HENGRIU PHARMACEUTICALS CO.,
LTD.
(11) AU-A-2023343844
(21) 2023343844 (22) 19.09.2023
(54) METHOD FOR PREPARING 2-HY-
DROXYETHYL AMINOCAPROATE
COMPOUND AND USE THEREOF
(51) Int. Cl.
C07C 229/12 (2006.01)
A61K 47/18 (2017.01)
A61P 37/04 (2006.01)
(87) WO2024/061204
(31) 202211137835.2 (32) 19.09.22 (33) CN
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(72) GU, Yueqing; FANG, Xinxin; LU, Gang;
LI, Zhiya
(74) FB Rice Pty Ltd
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- (71) TDW DELAWARE, INC.
(11) AU-A-2023350805

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(51) Int. Cl.
F16L 41/04 (2006.01)
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F16L 55/136 (2006.01)
(87) WO2024/073082
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(72) MASLEN, Jon; POE, Roger, L.
(74) Minter Ellison

(71) TEAHAN, P.
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(21) 2023329197 (22) 28.08.2023
(54) A LINKAGE SYSTEM FOR MOUNTING AN IMPLEMENT TO A VEHICLE
(51) Int. Cl.
A01B 59/06 (2006.01)
A01B 61/02 (2006.01)
A01G 3/04 (2006.01)
A01B 63/02 (2006.01)
(87) WO2024/042247
(31) 2212433.3 (32) 26.08.22 (33) GB
(43) 29.02.2024
(72) TEAHAN, Patrick
(74) Wallington-Dummer

(71) TECHNIP ENERGIES FRANCE
(11) AU-A-2023359486
(21) 2023359486 (22) 10.10.2023
(54) ELECTRICAL REFORMING REACTOR FOR REFORMING A FEED GAS COMPRISING HYDROCARBONS
(51) Int. Cl.
B01J 19/08 (2006.01)
B01J 8/02 (2006.01)
B01J 12/00 (2006.01)
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(87) WO2024/079147
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A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
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B65G 15/08 (2006.01)
B65G 15/60 (2006.01)
B65G 21/14 (2006.01)
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C12P 19/34 (2006.01)
C12Q 1/6806 (2018.01)
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C07K 14/435 (2006.01)
C12N 15/864 (2006.01)
C12Q 1/6809 (2018.01)
G01N 33/53 (2006.01)
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B32B 15/08 (2006.01)
C09D 5/08 (2006.01)
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G01N 33/68 (2006.01)

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 C01B 3/38 (2006.01)
 C01B 3/12 (2006.01)
 C01B 3/48 (2006.01)
 C01B 3/50 (2006.01)
 C01C 1/04 (2006.01)
 C07C 29/151 (2006.01)
 C10G 2/00 (2006.01)
 C10K 3/02 (2006.01)
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 C10G 25/00 (2006.01)
 C10G 67/06 (2006.01)
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 C10G 1/10 (2006.01)
 C02F 1/04 (2023.01)
 C02F 1/44 (2023.01)
 C02F 1/52 (2023.01)
 C07C 7/144 (2006.01)
 C10B 53/07 (2006.01)
 C10G 1/00 (2006.01)
 C10G 3/00 (2006.01)
 C10G 21/20 (2006.01)
 C10G 31/08 (2006.01)
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 B01D 61/04 (2006.01)
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 B01D 61/22 (2006.01)
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 B01D 65/02 (2006.01)
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 C02F 1/44 (2023.01)
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A61K 9/107 (2006.01)
A61K 31/437 (2006.01)
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C07D 513/04 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/5386 (2006.01)
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A61P 35/00 (2006.01)
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A01H 6/20 (2018.01)
C12N 9/22 (2006.01)

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G16H 30/40 (2018.01)
G06N 3/045 (2023.01)
G16H 50/70 (2018.01)
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B01D 5/00 (2006.01)
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C08J 9/12 (2006.01)
C08K 13/02 (2006.01)
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C10G 1/10 (2006.01)
B01J 8/12 (2006.01)
B01J 8/16 (2006.01)
C10B 47/04 (2006.01)
C10B 47/16 (2006.01)
C10B 53/07 (2006.01)
C10B 57/06 (2006.01)
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H01F 6/00 (2006.01)
G01R 33/3815 (2006.01)
H01F 6/04 (2006.01)
H01F 6/06 (2006.01)
H01F 7/08 (2006.01)
H02K 1/14 (2006.01)
H02K 1/20 (2006.01)
H02K 1/2793 (2022.01)
H02K 1/32 (2006.01)
H02K 3/04 (2006.01)
H02K 3/18 (2006.01)
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C02F 11/123 (2019.01)
B01D 33/056 (2006.01)
C02F 1/52 (2023.01)
C05F 17/40 (2020.01)
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A47K 10/06 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/257 (2021.01)
A61B 5/308 (2021.01)
A61B 5/349 (2021.01)
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B61L 1/20 (2006.01)
B61L 5/02 (2006.01)
B61L 5/06 (2006.01)
B61L 27/53 (2022.01)
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C07D 471/10 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/541 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
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(71) WALLAC OY (11) AU-A-2023362620 (21) 2023362620 (22) 25.10.2023 (54) METHODS, SYSTEMS, AND COMPUTER READABLE MEDIA FOR APPLYING PAIRWISE DIFFERENTIAL PRIVACY TO VARIABLES IN A DATA SET (51) Int. Cl. G06F 21/62 (2013.01) (87) WO2024/084103 (31) 17/969,507 (32) 19.10.22 (33) US (43) 25.04.2024 (72) KOIVU, Aki; KIVELÄ, Petri; KARLIN, Kim; JAAKKOLA, Markku (74) Spruson & Ferguson	(87) WO2024/073160 (31) 63/377,938 (32) 30.09.22 (33) US (43) 04.04.2024 (72) MORRIS, John, Joseph; ZYGLOWIC-SZ, Jerzy; CHINNASWAMY, Rohith; NEGLEY, Scott R. (74) Davies Collison Cave Pty Ltd	G05D 1/622 (2024.01) G05D 1/243 (2024.01) G06V 20/00 (2022.01) G06V 20/17 (2022.01) G06V 20/64 (2022.01) G08G 5/21 (2025.01) G08G 5/53 (2025.01) G08G 5/55 (2025.01) G08G 5/74 (2025.01) (87) WO2024/081060 (31) 17/965,622 (32) 13.10.22 (33) US (43) 18.04.2024 (72) SHOEB, Ali (74) Spruson & Ferguson
(71) WATCHMAKER GENOMICS, INC. (11) AU-A-2023364547 (21) 2023364547 (22) 20.10.2023 (54) METHODS AND COMPOSITIONS FOR SEQUENCING LIBRARY NORMALIZATION (51) Int. Cl. C12N 15/10 (2006.01) C12N 9/22 (2006.01) C12N 15/11 (2006.01) C12Q 1/6806 (2018.01) C12Q 1/6874 (2018.01) (87) WO2024/086805 (31) 63/380,488 (32) 21.10.22 (33) US 63/516,033 27.07.23 US (43) 25.04.2024 (72) RANIK, Martin; VAN DER WALT, Eric; ROSS, Clara; MARSHALL, Craig; PETERKIN, Lindsay; KUDLOW, Brian; SANDERS, Travis, J. (74) FPA Patent Attorneys Pty Ltd	(71) WAYNE FUELING SYSTEMS LLC (11) AU-A-2023353858 (21) 2023353858 (22) 28.09.2023 (54) DYNAMIC MANAGEMENT OF DISPLAY CONTENT (51) Int. Cl. G06Q 30/0251 (2023.01) G06Q 30/0241 (2023.01) (87) WO2024/073548 (31) 63/377,931 (32) 30.09.22 (33) US 63/478,827 06.01.23 US (43) 04.04.2024 (72) MORRIS, John, Joseph; SEYMOUR, Dan; PAREKH, Meer; NEGLEY, Scott, R., III; KRISHNA, Anand; CHINNASWAMY, Rohith (74) Davies Collison Cave Pty Ltd	(71) WIREPAS OY (11) AU-A-2023348394 (21) 2023348394 (22) 27.09.2023 (54) A DOWNLINK ROUTING SOLUTION FOR WIRELESS COMMUNICATION NETWORKS (51) Int. Cl. H04W 40/02 (2009.01) H04L 45/00 (2022.01) H04W 40/24 (2009.01) H04W 84/18 (2009.01) (87) WO2024/069051 (31) 20225851 (32) 28.09.22 (33) FI (43) 04.04.2024 (72) MORTE PALACIOS, Jorge; HIRVI, Hannu; PIRSKANEN, Juho (74) PHILLIPS ORMONDE FITZPATRICK
(71) WATT FUEL CELL CORP. (11) AU-A-2023428544 (21) 2023428544 (22) 03.02.2023 (54) INVERTED CENTRIFUGAL BLOWER SYSTEM AND FUEL CELL INCORPORATING SAME (51) Int. Cl. F04D 17/16 (2006.01) F04D 29/42 (2006.01) F04D 29/44 (2006.01) H01M 8/04089 (2016.01) H01M 8/2484 (2016.01) (87) WO2024/162969 (43) 08.08.2024 (72) FINNERTY, Caine, M.; DEWALD, Paul (74) DAVIS IP PTY LTD	(71) WAYNE FUELING SYSTEMS LLC (11) AU-A-2023354407 (21) 2023354407 (22) 29.09.2023 (54) DISPENSER HEALTH MONITORING AND HEALTHY DISPENSER REPLICATION (51) Int. Cl. G07F 9/00 (2006.01) (87) WO2024/073731 (31) 63/377,911 (32) 30.09.22 (33) US 63/479,130 09.01.23 US (43) 04.04.2024 (72) MORRIS, John, Joseph; CHINNASWAMY, Rohith; KOBAYASHI, Mark (74) Davies Collison Cave Pty Ltd	(71) WIRTSCHAFTSGENOSSENSCHAFT DEUTSCHER TIERÄRZTE EG (11) AU-A-2023362445 (21) 2023362445 (22) 17.10.2023 (54) ANTIBODIES AND ANTIBODY DERIVATIVES AGAINST EQUINE IL-5 (51) Int. Cl. A61P 17/00 (2006.01) A61P 37/00 (2006.01) C07K 16/24 (2006.01) (87) WO2024/083847 (31) 22202013.3 (32) 17.10.22 (33) EP (43) 25.04.2024 (72) LANGREDER, Nora; SCHÄCKERMANN, Dorina; HUST, Michael; ROSSBACH, Kristine; LADEL, Simone (74) Golja Haines & Friend
(71) WAYNE FUELING SYSTEMS LLC (11) AU-A-2023350883 (21) 2023350883 (22) 27.06.2023 (54) FUEL DISPENSER REMOTE CONTENT PROVISION (51) Int. Cl.	(71) WILHELM LAYHER VERWALTUNGSGMBH (11) AU-A-2023396708 (21) 2023396708 (22) 13.11.2023 (54) SCAFFOLD, IN PARTICULAR MOBILE SCAFFOLD (51) Int. Cl. E04G 1/24 (2006.01) E04G 1/30 (2006.01) E04G 5/14 (2006.01) E04G 5/16 (2006.01) (87) WO2024/125693 (31) 10 2022 133 321.3 (32) 14.12.22 (33) DE (43) 20.06.2024 (72) BEHRBOHM, Wolf Christian (74) HENRY HUGHES IP LTD	(71) WISTA LABORATORIES LTD. (11) AU-A-2023346900 (21) 2023346900 (22) 20.09.2023 (54) NOVEL FORMULATIONS AND VEHICLES (51) Int. Cl. A61K 9/00 (2006.01) A61K 9/20 (2006.01) A61K 9/48 (2006.01) A61K 31/5415 (2006.01) (87) WO2024/061971 (31) 10202251102T (32) 21.09.22 (33) SG
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(72) LOH, Yin Sze; STOREY, John Mervyn David; WISCHIK, Claude Michel; SCHELTER, Björn Olaf
(74) FB Rice Pty Ltd
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- (71) WNWN FOOD LABS LTD
(11) AU-A-2023352210
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(54) COCOA-FREE CHOCOLATE COMPOSITIONS AND PRODUCTS AND METHODS FOR PRODUCING SAME
(51) Int. Cl.
A23G 1/34 (2006.01)
A23G 1/38 (2006.01)
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A23L 7/104 (2016.01)
A23L 11/50 (2021.01)
A23G 1/02 (2006.01)
(87) WO2024/069626
(31) 63/410,408 (32) 27.09.22 (33) US
(43) 04.04.2024
(72) DRAIN, Johnny
(74) PIPERS
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- (71) WONDERLAND SWITZERLAND AG
(11) AU-A-2023328691
(21) 2023328691 (22) 14.08.2023
(54) TELESCOPIC MECHANISM AND BABY BED
(51) Int. Cl.
A47D 7/01 (2006.01)
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(72) HU, Junjie
(74) Allens Patent & Trade Mark Attorneys
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(51) Int. Cl.
B60N 2/28 (2006.01)
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(72) MASON, Kyle S.; LEHMAN, David A.; KEEBLER, Nathaniel W.; MALM, Leif
(74) PHILLIPS ORMONDE FITZPATRICK
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B01D 45/18 (2006.01)
B01D 45/12 (2006.01)
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(72) KNOWLES, Gregory
(74) Elliptic Legal & Patent Services
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(51) Int. Cl.
G06F 16/21 (2019.01)
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(72) DOAN, Tuan; CHEAH, Soon-Ee; LAW, Brendan; DRIDAN, Rebecca
(74) FB Rice Pty Ltd
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(11) AU-A-2023366633
(21) 2023366633 (22) 24.10.2023
(54) GRAPHICAL USER INTERFACE
(51) Int. Cl.
G06F 3/04812 (2022.01)
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(72) BRADDON-PARSONS, Alana
(74) FB Rice Pty Ltd
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(54) TENT AND TENT TOP STRUCTURE
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(72) YANG, Baoqing
(74) SOLIS IP PTY LTD
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(51) Int. Cl.
A61B 17/16 (2006.01)
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(72) DUQUIN, Thomas R.; MONTGOMERY, Robert E.; KREBS, Robert Douglas
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ZIMMER, INC.
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(54) SYSTEM OF MODULAR REAMERS AND BROACHES
(51) Int. Cl.
A61B 17/16 (2006.01)
(87) WO2024/091349
(31) 63/418,819 (32) 24.10.22 (33) US
(43) 02.05.2024
(72) LINDSLEY, Katherine B.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ZIPZON, LLC
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(54) FASTENING SYSTEM AND METHOD(S)
(51) Int. Cl.
A44B 11/06 (2006.01)
(87) WO2024/091595
(31) 17/974,697 (32) 27.10.22 (33) US
18/217,433 30.06.23 US
(43) 02.05.2024
(72) SODERBERG, Mark S.
(74) Adams Pluck
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- (71) ZODIAC POOL SYSTEMS LLC
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(21) 2024211259 (22) 26.01.2024
(54) AUTOMATIC SWIMMING POOL CLEANERS ESPECIALLY ADEPT AT CLIMBING AND CLEANING POOL STAIRS
(51) Int. Cl.
E04H 4/16 (2006.01)

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G05D 1/00 (2024.01)**(87)** WO2024/159058**(31)** 18/102,496 **(32)** 27.01.23 **(33)** US**(43)** 02.08.2024**(72)** VAN DER MEIJDEN, Hendrikus Johannes; VAN DER MEIJDEN, Abian; BORG, Dustin**(74)** FB Rice Pty Ltd

(71) ZOLL MEDICAL CORPORATION**(11)** AU-A-2023364055**(21)** 2023364055 **(22)** 18.10.2023**(54)** SYSTEMS AND METHODS FOR CLINICAL GUIDANCE PROTOCOL GENERATION**(51)** Int. Cl.**G16H 40/20** (2018.01)**G16H 40/63** (2018.01)**G16H 50/20** (2018.01)**G16H 70/20** (2018.01)**G06Q 10/06** (2023.01)**G06Q 10/0633** (2023.01)**G16H 15/00** (2018.01)**G16H 20/30** (2018.01)**G16H 80/00** (2018.01)**(87)** WO2024/086646**(31)** 63/380,131 **(32)** 19.10.22 **(33)** US**(43)** 25.04.2024**(72)** GIACOMETTI, Paolo; BECK, George; JOHNSON, Guy R.; BETZ, David M.; CAMPANA, Lisa M.**(74)** Spruson & Ferguson

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2022480034	QTEQ IQ PTY LTD	2023334053	EMENDOBIO INC.
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2023330511	LI, C.; ZHENG, S.	2023341737	CALLIDUS CAPITAL B.V.
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2023332112	AQUAPAK IP LIMITED		
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2023332256	NANJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.		

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2023342656	TOPSOE A/S	2023347845	EMENDOBIO INC.
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2023343236	STICHTING NUCLEAR RESEARCH AND CONSULTANCY GROUP	2023347992	REJUVENATE BIO INC
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2023345551	DINTEC GMBH	2023349973	SIEMENS AKTIENGESELLSCHAFT
2023345958	SKINBIOTHERAPEUTICS PLC	2023350079	BYD COMPANY LIMITED
2023346079	COBEA AG	2023350264	GUANGZHOU JOYO PHARMATECH CO., LTD
2023346225	GEVI S.R.L.	2023350306	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2023346303	HÄFELE TECHNOLOGY SOLUTIONS GMBH & CO. KG	2023350357	HERAEUS PRECIOUS METALS GMBH & CO. KG
2023346357	VOESTALPINE SIGNALING AUSTRIA GMBH; INDTACT GMBH	2023350694	BREVILLE PTY LIMITED
2023346522	FONTANA, F.	2023350695	POWER RESEARCH AND DEVELOPMENT PTY LTD
2023346532	KHOTKAR, A.A.; GRIMMER, A.J.; ABEYSURIYA, D.	2023350702	LAVA BLUE LTD
2023346643	ULTRASIGHT LTD.	2023350742	COAGULO MEDICAL TECHNOLOGIES, INC.
2023346680	MAYEKAWA MFG. CO., LTD.	2023350778	NANOVAION THERAPEUTICS INC.
2023346688	SHIRATORI PHARMACEUTICAL CO., LTD.; TOHOKU UNIVERSITY	2023350786	ACORN BIOLABS, INC.
2023346770	OMICRON ELECTRONICS GMBH	2023350789	NOVAMERA INC.
2023346786	SANDVIK MINING AND CONSTRUCTION TOOLS AB	2023350790	NUTRIEN AG SOLUTIONS (CANADA) INC.
2023346900	WISTA LABORATORIES LTD.	2023350805	TDW DELAWARE, INC.
2023347003	SHANGHAI HENLIUS BIOTECH, INC.; SHANGHAI HENLIUS BIOPHARMACEUTICAL CO., LTD.; SHANGHAI HENLIUS BIOLOGICS CO., LTD.	2023350820	APELLIS PHARMACEUTICALS, INC.
2023347080	BREVILLE PTY LIMITED	2023350883	WAYNE FUELING SYSTEMS LLC
2023347084	FIBER SENSE LIMITED	2023350960	NOMAD GO, INC.
2023347085	NEWSOUTH INNOVATIONS PTY LIMITED	2023351186	GCP APPLIED TECHNOLOGIES INC.
2023347127	NUTRICIA EARLY LIFE NUTRITION (SHANGHAI) CO., LTD.	2023351251	DAIFUKU CO., LTD.
2023347132	GUANGZHOU LINTONPHARM CO., LTD.	2023351255	DAIFUKU CO., LTD.
2023347205	BIOCONSORTIA, INC.	2023351405	MOLECULAR MEDICAL LTD
2023347206	REGENERON PHARMACEUTICALS, INC.	2023351428	COOPERVISION INTERNATIONAL LIMITED
2023347247	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH; MOAT BIOTECHNOLOGY CORPORATION	2023351495	EUROTHERM AUTOMATION SAS
2023347293	KSQ THERAPEUTICS, INC.	2023351496	EUROTHERM AUTOMATION SAS
2023347320	NCHROMA BIO, INC.	2023351499	HORIZON THERAPEUTICS IRELAND DAC
2023347387	BIONTECH SE	2023351870	FLSMIDTH A/S
2023347390	BIONTECH SE	2023352042	CEVA HAMPTON LIMITED
2023347414	AMERICAN RIVER NUTRITION, LLC	2023352210	WNWN FOOD LABS LTD
2023347468	NUCLIDIUM AG	2023352643	DAEWOONG PHARMACEUTICAL CO., LTD.
2023347469	NUCLIDIUM AG; UNIVERSITY OF BASEL	2023352782	ANTERIS TECHNOLOGIES CORPORATION
2023347470	NUCLIDIUM AG; UNIVERSITY OF BASEL	2023352853	WONDERLAND SWITZERLAND AG
2023347476	UNIVERSITY OF SOUTH AFRICA	2023352861	CEPHEID
2023347508	CARLSMED, INC.	2023352900	TRIMAX MOWING SYSTEMS NZ LIMITED
2023347622	KELLY, S.M.	2023353044	BAKER HUGHES OILFIELD OPERATIONS LLC
2023347744	SIGNPATH PHARMA, INC.	2023353082	CRESCONET, LLC
2023347814	EMENDOBIO INC.	2023353092	MERSEN USA EP CORP.
		2023353164	ONPHARMA COMPANY
		2023353470	SOUTH CHICAGO PACKING LLC
		2023353668	BAYER AKTIENGESELLSCHAFT
		2023353699	DREN BIO, INC.
		2023353814	FUNDACIÓN PARA LA FORMACIÓN E INVESTIGACIÓN SANITARIA DE LA REGIÓN DE MURCIA; BRAVO INNOVATION
		2023353858	WAYNE FUELING SYSTEMS LLC
		2023353869	ALIGOS THERAPEUTICS, INC.
		2023353878	PRESIDENT AND FELLOWS OF HARVARD COLLEGE; MASSACHUSETTS INSTITUTE OF TECHNOLOGY
		2023353924	TORAY INDUSTRIES, INC.
		2023353978	ASHER BIOTHERAPEUTICS, INC.
		2023353987	AQUA MEMBRANES, INC.
		2023353995	ATALANTA THERAPEUTICS, INC.
		2023354002	ATALANTA THERAPEUTICS, INC.

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2023354010	ATALANTA THERAPEUTICS, INC.	2023358648	CORTEVA AGRISCIENCE LLC
2023354011	PEPTIDREAM INC.	2023358656	CODEXIS, INC.
2023354113	MATIV LUXEMBOURG	2023358719	JPMORGAN CHASE BANK, N.A.
2023354114	JOURNEY1, INC.	2023358758	ZIMMER, INC.
2023354138	AZEEZ, K.L.	2023358763	MONOTONY.AI, INC.
2023354149	SCHNEIDER ELECTRIC SYSTEMS USA, INC.; SCHNEIDER ELECTRIC INDUSTRIES SAS; EURO- THERM AUTOMATION SAS; SCHNEIDER ELECTRIC USA, INC.	2023358903	UNIVERSITE DE MONTREAL
2023354157	ATALANTA THERAPEUTICS, INC.	2023359219	ECOLAB USA INC.
2023354256	REGENXBIO INC.; ABBVIE GLOBAL ENTERPRISES LTD.	2023359251	SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD.
2023354407	WAYNE FUELING SYSTEMS LLC	2023359486	TECHNIP ENERGIES FRANCE
2023354507	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2023359634	MAJOE, D.
2023354518	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2023360037	BCI MINING TECHNOLOGY PTY LTD
2023354549	STELLENBOSCH UNIVERSITY	2023360247	J. RAY MCDERMOTT, S.A.
2023354855	UNIVERSITY OF WYOMING	2023360364	THE BOEING COMPANY
2023355039	MARS, INCORPORATED	2023361262	SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION
2023355087	KONRAD FORSTTECHNIK GMBH; ECOFORST GMBH	2023361435	BELRON INTERNATIONAL LIMITED
2023355344	SINTEF TTO AS	2023361612	TISSIUM S.A.
2023355393	PEAK & PRAIRIES INDUSTRIES CORP.	2023361631	PROCUDAN A/S
2023355481	FNV IP B.V.	2023361981	GLOBALFORCE IP LIMITED; PATERSON, I.C.; CORSINI, P.
2023355546	THYSSENKRUPP MARINE SYSTEMS GMBH; THYSSENKRUPP AG	2023362385	FNV IP B.V.
2023355583	SEEDALIVE GMBH	2023362445	WIRTSCHAFTSGENOSSENSCHAFT DEUTSCHER TIERÄRZTE EG
2023355674	GLIAPHARM SA	2023362620	WALLAC OY
2023355695	ARCH UK BIOCIDES LTD	2023362881	XERO LIMITED
2023355713	UNIVERSITY OF LEEDS	2023362923	NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION
2023355787	ABANZA TECNOMED, S.L.	2023362937	NATIONAL AGRICULTURE AND FOOD RESEARCH ORGANIZATION
2023355815	NODTHERA LIMITED	2023363749	TOPSOE A/S
2023356118	SAPIENCE THERAPEUTICS, INC.	2023363758	TOPSOE A/S
2023356193	PRESIDENT AND FELLOWS OF HARVARD COL- LEGE; DANA-FARBER CANCER INSTITUTE, INC.; KOREA INSTITUTE OF SCIENCE AND TECHNO- LOGY	2023363763	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.
2023356196	CHAMPIONX LLC	2023363779	HSP HOCHSPANNUNGSGERÄTE GMBH
2023356307	HIBERCELL, INC.	2023363781	HSP HOCHSPANNUNGSGERÄTE GMBH
2023356329	STEPAN COMPANY	2023363784	METALOGENIA RESEARCH & TECHNOLOGIES S.L.
2023356356	ALNYLAM PHARMACEUTICALS, INC.	2023363867	LINDE GMBH; TECHNISCHE UNIVERSITÄT MÜNCHEN
2023356437	BIOFRONT LTD	2023364043	NUVALENT, INC.
2023356443	THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY; HONG KONG CENTER FOR NEURO- DEGENERATIVE DISEASES LIMITED	2023364055	ZOLL MEDICAL CORPORATION
2023356589	CASCADE CORPORATION	2023364126	UNIVERSITY HOSPITALS BIRMINGHAM NHS FOUNDATION TRUST
2023356680	OMEGA ENERGY SYSTEMS, LLC	2023364547	WATCHMAKER GENOMICS, INC.
2023356716	RHEEM MANUFACTURING COMPANY	2023364638	HOLCIM TECHNOLOGY LTD
2023356809	PROMETHEUS ENERGY GROUP, LLC	2023364860	ABBOTT DIABETES CARE INC.
2023356842	RENEWABLE ENERGY GROUP, INC.	2023364958	STEPR PTY LTD.
2023356867	CARISMA THERAPEUTICS INC.	2023364983	ARRAY TECH, INC.
2023356879	ELC MANAGEMENT LLC	2023365484	PRECISION NEUROSCIENCE CORPORATION
2023356939	ENGRAIL THERAPEUTICS, INC.	2023365488	PRECISION NEUROSCIENCE CORPORATION
2023357318	GEBR. PFEIFFER SE	2023365489	PRECISION NEUROSCIENCE CORPORATION
2023357350	HALEON UK IP LIMITED	2023365504	RYME MEDICAL, INC.
2023357354	STICHTING RADBOUD UNIVERSITAIR MEDISCH CENTRUM	2023365689	BOSTON SCIENTIFIC NEUROMODULATION COR- PORATION
2023357356	STICHTING RADBOUD UNIVERSITAIR MEDISCH CENTRUM	2023366141	ABBOTT DIABETES CARE INC.
2023357431	NEURALIS SA	2023366154	CROWN EQUIPMENT CORPORATION
2023357676	FURUKAWA ROCK DRILL CO.,LTD.	2023366292	SOCIETE DES PRODUITS NESTLE S.A.
2023357691	FAR FIELD EXPLOITS LIMITED	2023366308	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2023357782	UNIVERSITÉ DE GENÈVE	2023366327	INITIATOR PHARMA A/S
2023358014	MOON SURGICAL SAS	2023366633	XERO LIMITED
2023358061	APRILBIO CO., LTD.	2023366653	BIOTAGE AB
2023358090	BROLIS SENSOR TECHNOLOGY, UAB	2023366772	ZIMMER, INC.
2023358225	XERO LIMITED	2023366952	ZIPZON, LLC
2023358247	S.P.M. INSTRUMENT AB	2023366991	ARRAY TECH, INC.
2023358294	FMC TECHNOLOGIES, INC.	2023367288	EPICRISPR BIOTECHNOLOGIES, INC.
2023358354	WING AVIATION LLC	2023367388	MATIV LUXEMBOURG
2023358500	REGENERON PHARMACEUTICALS, INC.	2023367658	PRECISION NEUROSCIENCE CORPORATION
2023358525	GENENTECH, INC.; HOFFMANN-LA ROCHE AG	2023369085	LINDE GMBH
		2023369087	LINDE GMBH
		2023369165	GREYLING, F.P.; GREYLING, R.
		2023369214	FNV IP B.V.
		2023369304	ENERGY DOME S.P.A.

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2023369987	BAYER AKTIENGESSELLSCHAFT		
2023370005	F. HOFFMANN-LA ROCHE AG		
2023370241	TISSIUM S.A.		
2023371454	NIA HELMETS PTY LTD		
2023371677	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH		
2023371783	BOEHRINGER INGELHEIM INTERNATIONAL GMBH		
2023372213	DANA-FARBER CANCER INSTITUTE, INC.; HAR- BOUR BIOMED (SHANGHAI) CO., LTD		
2023372979	LANDIS+GYR TECHNOLOGY, INC.		
2023373665	AGENUS INC.		
2023374344	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2023374479	COLGATE-PALMOLIVE COMPANY		
2023374533	ASCENDIS PHARMA BONE DISEASES A/S		
2023374939	OXFORD NANOPORE TECHNOLOGIES PLC		
2023375263	INCISIVE GENETICS, INC.; THE UNIVERSITY OF BRITISH COLUMBIA		
2023377329	OXFORD NANOPORE TECHNOLOGIES PLC		
2023378302	«TARGET MEDICALS» LIMITED LIABILITY COMPANY		
2023378576	ALCON INC.		
2023378662	ALPINESTARS RESEARCH S.P.A.		
2023379442	IMMUNITYBIO, INC.		
2023379942	UNIVERSITY OF COPENHAGEN		
2023381004	VORONOI, INC.		
2023381738	ASCENDIS PHARMA GROWTH DISORDERS A/S		
2023382014	STRATCO (AUSTRALIA) PTY LIMITED		
2023382477	CARIBOU BIOSCIENCES, INC.		
2023383018	KOMATSU LTD.		
2023385438	FUJITSU GENERAL LIMITED		
2023385959	HALLIBURTON ENERGY SERVICES, INC.		
2023387755	ANDURIL INDUSTRIES, INC.		
2023388516	NOVOZYMES A/S		
2023391498	LG ELECTRONICS INC.		
2023392015	BAXTER INTERNATIONAL INC.; BAXTER HEALTH- CARE SA		
2023392443	BRIDGESTONE CORPORATION		
2023392523	MERZ PHARMA GMBH & CO. KGAA		
2023393117	ATLAS COPCO AIRPOWER, NAAMLOZE VEN- NOOTSCHAP		
2023396132	HALLIBURTON ENERGY SERVICES, INC.		
2023396708	WILHELM LAYHER VERWALTUNGS-GMBH		
2023396821	BOSTON SCIENTIFIC NEUROMODULATION COR- PORATION		
2023400491	MERZ PHARMA GMBH & CO. KGAA		
2023400493	MERZ PHARMA GMBH & CO. KGAA		
2023410047	CYTACOAAT AB		
2023413011	DROPBOX, INC.		
2023413565	TECHNISCHE UNIVERSITÄT MÜNCHEN		
2023415042	LANDIS+GYR TECHNOLOGY, INC.		
2023415119	HALLIBURTON ENERGY SERVICES, INC.		
2023417810	A&C TECHNOLOGY, INC.		
2023418786	DSI SCHAUM CHEMIE SP. Z O.O.		
2023424801	TETRA LAVAL HOLDINGS & FINANCE S.A.		
2023428544	WATT FUEL CELL CORP.		
2023432345	METALOX SECURITY AND HARDWARE CO., LTD		
2023444017	JANG, J.E.		
2023445887	CHINT NEW ENERGY TECHNOLOGY CO., LTD.		
2023446552	MAIVA PHARMA PRIVATE IMITED		
2023453964	MAGNETICS LAB PC		
2023461460	THE PENN STATE RESEARCH FOUNDATION		
2023462167	DEERE & COMPANY		
2023465735	A10 SYSTEMS INC D/B/A AIRANACULUS		
2024211259	ZODIAC POOL SYSTEMS LLC		
2024225183	ADVANCED COMBUSTION TECHNOLOGIES, INC.		
2024227304	MAXIMUS PEDESTAL SYSTEMS PTY LTD		
2024254272	SUMITOMO METAL MINING CO., LTD.		
2024259655	JOHNSON & JOHNSON VISION CARE, INC.		
2024314270	HYDAC FILTERTECHNIK GMBH		
2024316522	LG ENERGY SOLUTION, LTD.		
2024317354	OKLEVIN CORP LLC		

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2023342101	2023354010		2023338196	2023347470	<u>A61Q 19 /-</u>
2023347206	<u>A61K 49 /-</u>	2023392015	2023338304	2023347891	
2023350820		<u>A61M 5 /-</u>	2023338488	2023348089	2023331490
2023353978	2023369987		2023342101	2023350264	2023343607
2023356118	<u>A61K 51 /-</u>	2023337246	2023346688	2023353699	2023345958
2023374533		<u>A61N 1 /-</u>	2023353995	2023356118	2023350786
2023375263	2023347469		2023354009	2023356307	2023392523
2023379442	2023347470	2023337246	2023354010	2023356437	2023400491
2023381738	2023413565	2023338679	2023355674	2023357782	2023400493
2023392523	<u>A61K 8 /-</u>	2023365484	2023356939	2023358903	
<u>A61K 39 /-</u>		2023365488	2023358525	2023359251	<u>A62B 35 /-</u>
	2023331490	2023365689	2023366308	2023364043	
2023232991	2023343607	2023366327	2023366308	2023366308	2023337129
2023329200	2023345958	2023396821	2023370005	2023372213	<u>A63B 21 /-</u>
2023336948	2023346079	<u>A61N 2 /-</u>	<u>A61P 27 /-</u>	2023373665	
2023338631	2023347414			2023381004	2023341895
2023347003	2023350786	2023453964	2023351499	2023413565	2023364958
2023347132	2023356329	<u>A61N 5 /-</u>	2023354256	<u>A61P 37 /-</u>	<u>A63B 22 /-</u>
2023347247	2023357350		2023357354	2023328009	
2023347387	2023392523	2023346522	2023357356	2023335020	2023364958
2023347390	2023400491	<u>A61P 1 /-</u>	<u>A61P 29 /-</u>	2023343844	<u>A63B 24 /-</u>
2023351499	2023400493			2023345059	
2023352042	<u>A61K 9 /-</u>	2023335020	2023327823	2023347841	2023341895
2023353699		2023347414	2023338488	2023356193	2023364958
2023354256	2023328966	2023378302	2023345059	2023358500	
2023356193	2023329918	<u>A61P 11 /-</u>	2023355815	2023362445	<u>A63B 71 /-</u>
2023356307	2023330511		<u>A61P 3 /-</u>	2023372213	
2023356867	2023331445	2023329162		2023379442	2023364958
2023358061	2023342481	2023335020	<u>A61P 43 /-</u>		2023371454
2023369585	2023346900	2023371783			<u>B01D 15 /-</u>
2023373665	2023350778	<u>A61P 13 /-</u>	2023335020	2023334053	
2023379442	2023352643		2023378302	2023335206	2023363749
2023382477	2023356939	<u>A61P 15 /-</u>	<u>A61P 31 /-</u>	2023335263	
<u>A61K 45 /-</u>	2023357431				<u>B01D 29 /-</u>
	2023357782	2023335020	2023335263	<u>A61P 5 /-</u>	
2023335263	2023369585	2023378302	2023345059	2023347206	2023353987
2023347744	2023375263	<u>A61P 17 /-</u>	2023347247	2023347987	2024314270
2023356118	2023379442		2023350790	2023374533	<u>B01D 33 /-</u>
2023356307	2023446552	2023358061	2023352042	<u>A61P 7 /-</u>	
2023356329	<u>A61L 11 /-</u>		2023353869		2023333380
2023358525		<u>A61P 17 /-</u>	2023353978	2023334053	<u>B01D 35 /-</u>
2023364043	2023343038		2023356329	2023356356	
2023366327	<u>A61L 2 /-</u>	2023335020	<u>A61P 33 /-</u>	2023375263	2024314270
<u>A61K 47 /-</u>		2023337133		<u>A61P 9 /-</u>	<u>B01D 39 /-</u>
	2023350790	2023345958	2023335206	2023327823	
2023335020		2023346688	2023347387		2023354113
2023342481		2023350786			

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<u>B01D 45 /-</u>	<u>B01L 3 /-</u>	<u>B28B 23 /-</u>	<u>B60N 2 /-</u>	<u>B63B 77 /-</u>	<u>B65G 1 /-</u>
2023337226	2023350742	2023364638	2023352853	2023348050	2023444017
2023363763	2023352861	<u>B28D 1 /-</u>	2024339214	<u>B64C 11 /-</u>	<u>B65G 15 /-</u>
<u>B01D 46 /-</u>	<u>B02C 1 /-</u>	2024335386	<u>B60P 7 /-</u>	2023387755	2022483347
2023337226	2023351870	<u>B29C 39 /-</u>	2022475521	<u>B64C 13 /-</u>	<u>B65G 21 /-</u>
<u>B01D 5 /-</u>	<u>B02C 15 /-</u>	2023315288	<u>B60Q 9 /-</u>	2023387755	2022483347
2023347476	2023357318	<u>B29C 45 /-</u>	2023346532	<u>B64C 3 /-</u>	<u>B65G 39 /-</u>
<u>B01D 50 /-</u>	<u>B02C 19 /-</u>	2023332112	<u>B60R 11 /-</u>	2023387755	2022483347
2023337226	2023343038	<u>B29C 59 /-</u>	2023346532	<u>B64U 30 /-</u>	<u>B65G 43 /-</u>
<u>B01D 53 /-</u>	<u>B02C 4 /-</u>	2023367388	<u>B60R 19 /-</u>	2023387755	2022482262
2023347476	2023351870	<u>B29L 31 /-</u>	2022475150	<u>B64U 50 /-</u>	<u>B65G 45 /-</u>
2023393117	<u>B04C 5 /-</u>	2023343038	<u>B60W 10 /-</u>	2023387755	2022482262
<u>B01D 61 /-</u>	2023363763	<u>B32B 15 /-</u>	2023346532	<u>B65D 1 /-</u>	<u>B65G 47 /-</u>
2023337210	<u>B09B 101 /-</u>	2023360364	2023358570	2023337221	2023351251
2023353924	2023343038	<u>B32B 17 /-</u>	2023358570	<u>B65D 17 /-</u>	2023351255
<u>B01D 63 /-</u>	<u>B09B 3 /-</u>	2023367388	<u>B60W 60 /-</u>	2023352861	<u>B65G 49 /-</u>
2023353924	2023337212	<u>B33Y 10 /-</u>	2023358570	<u>B65D 25 /-</u>	2023366991
2023353987	2023343038	<u>B33Y 30 /-</u>	2023346357	<u>B65D 43 /-</u>	<u>B66D 1 /-</u>
<u>B01D 65 /-</u>	<u>B21D 53 /-</u>	2023327795	<u>B61L 1 /-</u>	2023337221	2023355087
2023353924	2023356716	<u>B33Y 80 /-</u>	2023346357	<u>B65D 47 /-</u>	<u>B66F 17 /-</u>
<u>B01D 69 /-</u>	<u>B23D 45 /-</u>	2023327795	<u>B61L 27 /-</u>	2023337221	2023356589
2023353924	2024335386	<u>B60D 1 /-</u>	<u>B61L 5 /-</u>	2023337221	<u>B66F 9 /-</u>
<u>B01D 71 /-</u>	<u>B23D 47 /-</u>	2023327795	2023346357	<u>B65D 5 /-</u>	2023356589
2023353924	2024335386	<u>B60D 1 /-</u>	2023346357	<u>B65D 51 /-</u>	<u>B82Y 10 /-</u>
<u>B01J 12 /-</u>	<u>B23D 59 /-</u>	2023346532	<u>B62D 25 /-</u>	2023424801	2023336815
2023354149	2024335386	<u>B60H 3 /-</u>	2023341972	<u>B65D 51 /-</u>	<u>C01B 21 /-</u>
2023359486	<u>B25D 17 /-</u>	2023337226	<u>B62D 6 /-</u>	2023352861	2023350357
<u>B01J 19 /-</u>	2023357676	<u>B60K 1 /-</u>	2023346532	<u>B65D 53 /-</u>	<u>C01B 3 /-</u>
2023354149	<u>B25D 9 /-</u>	2023345551	<u>B63B 1 /-</u>	2023352861	2023342655
2023359486	2023357676	<u>B60K 25 /-</u>	2023369214	<u>B65D 55 /-</u>	2023342656
<u>B01J 20 /-</u>	<u>B25F 5 /-</u>	2023345551	<u>B63B 22 /-</u>	2023337221	<u>C01C 1 /-</u>
2024254272	2024335386	<u>B60K 5 /-</u>	2023331282	<u>B65D 81 /-</u>	2023342655
<u>B01J 23 /-</u>	<u>B25J 9 /-</u>	2023345551	<u>B63B 27 /-</u>	2023337221	2023363867
2023350357	2022478564	<u>B60L 15 /-</u>	2023348050	<u>B65D 83 /-</u>	<u>C01D 15 /-</u>
<u>B01J 35 /-</u>	<u>B28B 13 /-</u>	2023350079	<u>B63B 35 /-</u>	2023343345	2024254272
2023350357	2023364638	<u>B60L 53 /-</u>	2023348050	<u>B65D 85 /-</u>	<u>C01F 11 /-</u>
<u>B01J 8 /-</u>	<u>B28B 17 /-</u>	2023342760	<u>B63B 5 /-</u>	2023328779	2023337212
2023348072	2023364638	2023366154	2023348050	<u>B65D 90 /-</u>	<u>C01F 7 /-</u>
2023351495		2023372979		2023354507	2023350702
2023351496					
2023354149					
2023359486					
2023363867					

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<u>C02F 1 /-</u>		<u>C07D 319 /-</u>	2023350264	2023342101	<u>C08K 13 /-</u>
2023333380	<u>C07C 49 /-</u>	2023350778	2023353869	2023347387	2023354855
2023337210	2023350790		2023378302	2023347845	
2023353924		<u>C07D 401 /-</u>	2023381004	2023347992	<u>C08L 101 /-</u>
2023354549	<u>C07C 7 /-</u>	2023331444	<u>C07D 473 /-</u>	2023352042	2023337669
2023363758	2023363758	2023331445	2023343945	2023353699	
2023461460		2023335206		2023353978	<u>C08L 29 /-</u>
2024254272	<u>C07D 205 /-</u>	2023341864	<u>C07D 487 /-</u>	2023356867	
	2023341864	2023345059	2023339206	2023358061	2023332112
<u>C02F 101 /-</u>		2023356437	2023342153	2023372213	
2023354549	<u>C07D 207 /-</u>	<u>C07D 403 /-</u>	2023343945	2023375263	<u>C08L 53 /-</u>
	2023341864	2022477524	2023348089	2023377329	2023382477
<u>C02F 103 /-</u>	2023358648	2023331444	2023350264	<u>C07K 16 /-</u>	2023351405
2023354549		2023331445	2023350790	2023232991	<u>C09D 133 /-</u>
<u>C02F 11 /-</u>	<u>C07D 209 /-</u>	2023333045	2023378302	2023329200	2023343550
2023333380	2023338488	2023335206	2023381004	2023335020	<u>C09D 5 /-</u>
<u>C04B 111 /-</u>	2023356939	2023341864	<u>C07D 491 /-</u>	2023336948	2023360364
	<u>C07D 211 /-</u>	2023356437	2023331444	2023347003	
2023351186	2023335206	2023366308	2023331445	2023347132	<u>C09D 7 /-</u>
<u>C04B 14 /-</u>	2023341864	<u>C07D 405 /-</u>	2023341864	2023347206	2023343550
		2023331444	2023364043	2023347247	
2023341194	<u>C07D 213 /-</u>	2023331445	2023381004	2023351499	<u>C09K 8 /-</u>
	2023347942	2023335206	<u>C07D 498 /-</u>	2023353699	2023415119
<u>C04B 24 /-</u>		2023341864	2023345397	2023353978	
2023341194	<u>C07D 217 /-</u>	2023345059	2023364043	2023354256	<u>C10B 47 /-</u>
	2023343607	2023366308	<u>C07D 513 /-</u>	2023356867	2023348072
<u>C04B 28 /-</u>	2023355674	<u>C07D 407 /-</u>	2023358903	2023358061	
2023341194	<u>C07D 223 /-</u>	2022477524	2023364043	2023358500	<u>C10B 53 /-</u>
	2023339206	2023352643	<u>C07D 519 /-</u>	2023362445	2023348072
<u>C04B 41 /-</u>		2023370005	2023345397	2023372213	2023363758
2023351186	<u>C07D 231 /-</u>	<u>C07D 409 /-</u>	2023358903	2023373665	
	2023331445	2023331444	<u>C07F 1 /-</u>	<u>C07K 19 /-</u>	<u>C10B 57 /-</u>
<u>C05F 17 /-</u>	2023346688	2023331445	2023333045	2023335020	2023348072
2023333380	<u>C07D 233 /-</u>	<u>C07D 413 /-</u>	2023347470	2023347003	2023363758
	2022477524	2023331445	<u>C07F 9 /-</u>	2023347320	
<u>C07B 59 /-</u>		2023335206	2023347744	<u>C07K 7 /-</u>	<u>C10G 1 /-</u>
2023347469	<u>C07D 235 /-</u>	2023341864	2023353869	2023335020	2023348072
2023347470	2023338196	2023343945	<u>C07G 1 /-</u>	2023354011	2023363758
	<u>C07D 239 /-</u>	2023345059	2023354855	<u>C08F 293 /-</u>	<u>C10G 2 /-</u>
2023356842	2023381004	2023370005	<u>C07H 17 /-</u>	2023351405	2023342655
<u>C07C 2 /-</u>		<u>C07D 417 /-</u>	2023353878	<u>C08G 18 /-</u>	2023369794
2023354149	2023355815	2023331444	<u>C07H 21 /-</u>	2023349551	<u>C10G 21 /-</u>
	<u>C07D 249 /-</u>	2023331445	2023353878	<u>C08G 6 /-</u>	2023363758
<u>C07C 229 /-</u>	2022477524	2023335206	<u>C07J 71 /-</u>	2023360364	<u>C10G 25 /-</u>
2023343607	2023346688	2023341864	2023347987	<u>C08H 7 /-</u>	2023363749
2023343844	<u>C07D 277 /-</u>	2023343945	<u>C07K 14 /-</u>	2023354855	<u>C10G 3 /-</u>
2023350790	2023345059	2023345059	2023334053	<u>C08J 5 /-</u>	2023356842
<u>C07C 29 /-</u>		<u>C07D 455 /-</u>	2023335263	2023332112	2023363749
2023342655	<u>C07D 311 /-</u>	2023350790		<u>C08J 9 /-</u>	2023363758
	2023347942	<u>C07D 471 /-</u>		2023354855	<u>C10G 31 /-</u>
<u>C07C 323 /-</u>		2023328009			2023363758
2023350778	<u>C07D 317 /-</u>	2023329438			<u>C10G 45 /-</u>
	2023350778	2023341864			2023356842
<u>C07C 39 /-</u>		2023345397			
2023327823					

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2023363758	2023347831	C12Q 1 /-		E04G 5 /-	E21B 17 /-
C10G 47 /-	2023347841		D06F 37 /-		
	2023347845	2022477524		2023396708	2022480034
2023363758	2023347891	2022485012	2023335363		2023353044
	2023347992	2023331938		E04H 1 /-	2023360247
C10G 50 /-	2023350778	2023331939	D06F 58 /-		
	2023353995	2023331940		2023382014	E21B 19 /-
2023356842	2023354002	2023331941	2023332256		
	2023354009	2023342101	2023332258	E04H 12 /-	2023360247
C10G 67 /-	2023354010	2023356443	2023332330		
	2023354157	2023358656	2023335363	2023341737	E21B 21 /-
2023363749	2023354256	2023364547	2023335613		
	2023356193	2023374939	2023335689	E04H 15 /-	2023385959
C10G 69 /-	2023356356	2023377329			
	2023357354		D21C 9 /-	2022475520	E21B 23 /-
2023356842	2023357356	C21C 5 /-		2023348823	
2023363758	2023358061		2023332112		2023396132
	2023364547	2023369165		E04H 17 /-	
C10J 3 /-	2023367288		D21H 11 /-		E21B 29 /-
	2023369585	C22B 21 /-		2023342105	
2023369794	2023372213		2023332112		2023396132
	2023375263	2023350702	D21H 21 /-	E04H 4 /-	E21B 33 /-
C10K 1 /-		C22B 26 /-		2024211259	
	C12N 5 /-		2023359219		2023358294
2023348072		2024254272		E05B 15 /-	2023415119
2023369794	2023330511		E02D 1 /-		
	2023334053	C22B 3 /-		2023432345	E21B 4 /-
C10K 3 /-	2023347003		2023355481		
	2023350786	2023350702		E05D 11 /-	2023396132
2023342655	2023356867	2024254272	E02F 9 /-		
2023369794	2023361262			2023331420	E21B 41 /-
	2023366292	C22B 7 /-	2023363784	E05D 15 /-	2023341737
C10L 1 /-	2023372213		E03B 3 /-		2023360037
		2023350702		2023342630	2023415119
2023356842	C12N 7 /-				
C11D 1 /-		C25B 1 /-	2023347476	E05D 3 /-	E21B 44 /-
	2023352042		E04B 1 /-		
2023374479	C12N 9 /-	2023363867		2023331420	2023360037
		2024225183			
C11D 3 /-		C25B 11 /-	2023342105	E05D 5 /-	E21B 47 /-
	2022483869		2023351186		
2023374479	2022483870			2023331420	2022480034
2023388516	2023330511	2024225183	E04B 2 /-		2023346786
	2023331292			E05F 1 /-	2023350789
C12M 3 /-	2023334053	C25B 9 /-	2023382014		2023353044
	2023347320		E04B 5 /-	2023331420	
2023366292	2023347814	2024225183			E21B 49 /-
	2023347821		2023382014	E05F 3 /-	
C12N 1 /-	2023347831	C25C 7 /-			202335481
	2023347841		E04B 7 /-	2023331420	2023385959
2023331554	2023347845	2024225183			
2023331560	2023347891		2023382014	E05F 5 /-	E21B 7 /-
2023331955	2023358656	D01F 6 /-			
2023347205	2023364547	2023354113	E04C 2 /-	2023331420	2023346786
2023356329	2023367288			E21B 1 /-	2023360037
	2023375263	D06F 105 /-	2023382014		
C12N 15 /-	2023379942		E04F 11 /-	2023357676	E21C 47 /-
	2023388516	2023335689			
2023328140		D06F 25 /-	2024317354	E21B 10 /-	2023383018
2023330511	C12P 1 /-				
2023331292		2023332256	E04F 13 /-	2023346786	E21D 15 /-
2023334053	2023350786	2023332258		2023396132	2023418786
2023335263		2023335363	2023382014	E21B 12 /-	
2023336948	C12P 19 /-	2023335689			E21F 17 /-
2023342101			E04F 15 /-	2023360037	
2023343318	2022485012				2023418786
2023346688	2023328140	D06F 29 /-	2024227304	E21B 15 /-	
2023347003	2023358656				F02D 19 /-
2023347247		2023335689	E04G 1 /-	2023341737	
2023347320	C12P 7 /-				2023341377
2023347814		D06F 31 /-	2023396708		
2023347815	2023356842				
2023347821		2023335689			

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<u>F02D 41 /-</u>	<u>F16L 57 /-</u>	<u>F27D 19 /-</u>	<u>G01N 33 /-</u>	<u>G02B 1 /-</u>	<u>G06N 20 /-</u>
2023341377	2023315288	2023369165	2023331904	2023354114	2023350960
<u>F02M 21 /-</u>	<u>F17C 3 /-</u>	<u>F28D 17 /-</u>	2023342101	<u>G02B 23 /-</u>	<u>G06N 3 /-</u>
2023356809	2023369085	2023369304	2023347003	2023329498	2023346643
<u>F03D 3 /-</u>	2023369087	<u>F28D 20 /-</u>	2023353814	<u>G02B 3 /-</u>	2023347622
2023346225	<u>F21S 4 /-</u>	2023369304	2023356443	2023354114	2023355713
<u>F04B 15 /-</u>	2023346303	<u>F28D 7 /-</u>	2023374939	<u>G02C 7 /-</u>	2023465735
2023356196	<u>F21S 8 /-</u>	2023369304	<u>G01N 35 /-</u>	2023351428	<u>G06Q 10 /-</u>
<u>F04D 17 /-</u>	2023346303	2023369304	2023352861	2023354114	2023350960
2023428544	<u>F21V 21 /-</u>	<u>F28F 19 /-</u>	<u>G01R 19 /-</u>	2024259655	2023358763
<u>F04D 29 /-</u>	2023346303	2023369304	2023363779	<u>G02F 1 /-</u>	2023362881
2023428544	<u>F21Y 103 /-</u>	<u>F28F 9 /-</u>	2023363781	2023337669	2023362923
<u>F16H 15 /-</u>	2023346303	2023369304	<u>G01R 22 /-</u>	<u>G05B 19 /-</u>	2023362937
2023348232	<u>F21Y 115 /-</u>	<u>F41G 1 /-</u>	2023353082	2023358247	2023364055
<u>F16H 19 /-</u>	2023346303	2023329381	2023415042	<u>G05D 1 /-</u>	<u>G06Q 20 /-</u>
2023354138	<u>F24F 11 /-</u>	2023329498	2024316522	2023358247	2023358719
<u>F16H 57 /-</u>	2023385438	<u>F41G 11 /-</u>	<u>G01R 23 /-</u>	<u>G05D 1 /-</u>	2023362881
2023348232	<u>F24F 140 /-</u>	2023329498	2023363779	2023358354	2023417810
<u>F16K 1 /-</u>	2023385438	<u>G01B 11 /-</u>	<u>G01R 31 /-</u>	2024211259	<u>G06Q 30 /-</u>
2023361981	<u>F24F 3 /-</u>	2023392443	2023346770	<u>G06F 13 /-</u>	2023350883
<u>F16K 27 /-</u>	2023335689	<u>G01B 21 /-</u>	2024315042	2022489801	2023353858
2023361981	<u>F24H 1 /-</u>	2023347080	<u>G01R 33 /-</u>	<u>G06F 16 /-</u>	<u>G06Q 40 /-</u>
<u>F16K 3 /-</u>	2023356716	<u>G01C 9 /-</u>	2023331467	2023358225	2023362881
2023361981	<u>F24H 4 /-</u>	2023347080	<u>G01S 13 /-</u>	2023366633	<u>G06Q 50 /-</u>
<u>F16K 31 /-</u>	2023356716	<u>G01D 5 /-</u>	2023347084	2023413011	2023358763
2023361981	<u>F24H 9 /-</u>	2023347084	<u>G01S 15 /-</u>	<u>G06F 21 /-</u>	2023362923
<u>F16K 41 /-</u>	<u>F24S 25 /-</u>	<u>G01F 19 /-</u>	2023347084	2023333459	2023362937
2023361981	2023364983	2023347080	2023462167	2023362620	<u>G06T 1 /-</u>
<u>F16L 1 /-</u>	<u>F25J 3 /-</u>	<u>G01F 23 /-</u>	2023465735	<u>G06F 3 /-</u>	2023350960
2023360247	2023363867	2023366653	<u>G01S 5 /-</u>	2022485111	<u>G06T 7 /-</u>
<u>F16L 11 /-</u>	<u>F26B 21 /-</u>	<u>G01F 25 /-</u>	2023347084	2023350306	2023346532
2023315288	2023335689	2023366653	2023462167	2023366633	2023346643
<u>F16L 3 /-</u>	<u>F26B 25 /-</u>	<u>G01H 17 /-</u>	<u>G01S 7 /-</u>	2023367658	2023350960
2023315288	2023355393	2023358247	2023361435	<u>G06F 40 /-</u>	2023361435
<u>F16L 41 /-</u>	<u>F26B 5 /-</u>	<u>G01H 9 /-</u>	2023366653	2023362881	<u>G06V 20 /-</u>
2023350805	2023355393	2023347084	<u>G01V 1 /-</u>	2023366633	2023358354
<u>F16L 55 /-</u>	<u>F27B 3 /-</u>	2023355344	2023385959	<u>G06F 8 /-</u>	<u>G07F 13 /-</u>
2023350805	2023369165	2023355583	<u>G01V 3 /-</u>	2023366633	2023350883
		2023358090	2023362385	2023413011	<u>G07F 9 /-</u>
				<u>G06K 19 /-</u>	2023350883
				2023346786	2023354407
				<u>G06N 10 /-</u>	<u>G08B 13 /-</u>
				2023336815	2023332399
					2023332400
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					2023332399

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2023353082	2023383018	2023366653	<u>H04L 12 /-</u>	2022481799
<u>G08C 19 /-</u>	<u>G16Y 20 /-</u>	<u>H01Q 13 /-</u>	2023353082	<u>H05H 1 /-</u>
2024316522	2023383018	2023357691	<u>H04L 45 /-</u>	2024225183
<u>G08G 1 /-</u>	<u>G16Y 40 /-</u>	<u>H01Q 25 /-</u>	2023348394	<u>H05H 6 /-</u>
2022477807	2023383018	2023357691	<u>H04L 47 /-</u>	2023347468
2023347084	<u>G21G 1 /-</u>	<u>H01T 1 /-</u>	2023349973	<u>H10F 10 /-</u>
2023383018				
<u>G08G 5 /-</u>	2023343236	2023353092	<u>H04L 67 /-</u>	2023445887
	2023347468	<u>H01T 4 /-</u>	2023366141	<u>H10F 77 /-</u>
2023358354	<u>H01C 1 /-</u>			
<u>G09B 9 /-</u>	2023353092	2023353092	<u>H04L 9 /-</u>	2023445887
2023355546	<u>H01C 7 /-</u>	<u>H02J 13 /-</u>	2023333459 2023417810	
<u>G09C 5 /-</u>				
2023333459	2023353092	<u>H02J 15 /-</u>	<u>H04M 3 /-</u>	
<u>G10K 11 /-</u>	<u>H01F 6 /-</u>			
2023364958	2023331467	2023350695	<u>H04N 17 /-</u>	
	<u>H01F 7 /-</u>	<u>H02J 3 /-</u>		
<u>G16H 10 /-</u>	2023331467	2023342918	<u>H04N 19 /-</u>	
2023365489	<u>H01G 11 /-</u>	2023350695		
		2024316522	2023347622	
<u>G16H 15 /-</u>	2023356680	<u>H02J 50 /-</u>		
2023364055	<u>H01H 37 /-</u>	2023453964	<u>H04N 21 /-</u>	2023350306
<u>G16H 20 /-</u>		<u>H02J 7 /-</u>	<u>H04R 25 /-</u>	
2023336028	2023353092		2023366154	2023338679
2023344061	<u>H01L 23 /-</u>	2023366154		
2023347127		<u>H02J 9 /-</u>		<u>H04W 24 /-</u>
2023364055	2023350079	2023342451		
2023364860	<u>H01L 25 /-</u>	2023353082	2023349353	
2023366141		<u>H02K 1 /-</u>		<u>H04W 4 /-</u>
<u>G16H 30 /-</u>	2023350079		2023331467	2023348394
2023347622	<u>H01M 10 /-</u>	2023359634		
2023355713		2023347085	<u>H02K 3 /-</u>	2023366141
		2023331467		<u>H04W 40 /-</u>
<u>G16H 40 /-</u>	<u>H01M 12 /-</u>		2023359634	
2023364055	2023356680	<u>H02K 41 /-</u>	<u>H04W 56 /-</u>	
2023365489	<u>H01M 14 /-</u>			2023359634
2023366141		2023356680	2023342451 2023366141	<u>H04W 76 /-</u>
<u>G16H 50 /-</u>	2023356680	<u>H02P 1 /-</u>		
2023333923	<u>H01M 4 /-</u>		2024335386	2022489801
2023355713		2023347085		
2023364055	<u>H01M 50 /-</u>		2023364983	<u>H04W 84 /-</u>
2023364860		2023356680		
2023367658	<u>H01M 8 /-</u>		2023353082 2023462167	2023348394 2023366141
<u>G16H 70 /-</u>		2023356680		
2023364055	2023356680	2022481799		
<u>G16H 80 /-</u>	2023354507		2023353082 2023462167	
2023364055	2023354518	<u>H04B 7 /-</u>		
	2023356809		2022481799	
	2023428544			

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TÖRNGREN, Marie
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(54) Treatment of infections
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
A61K 9/107 (2006.01)
A61K 9/50 (2006.01)
A61K 31/5383 (2006.01)
A61P 31/04 (2006.01)

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UEZ-VILLEGAS, Esther; BOWYER,
Stuart
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HUTCHINSON CANCER CENTER**
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(21) 2023274089 (22) 28.11.2023
(54) Dihydratetabenazine For Use In The
Treatment of a Movement Disorder
(51) Int. Cl.
A61K 31/4747 (2006.01)
A61K 45/06 (2006.01)
A61P 25/14 (2006.01)
(43) 14.12.2023
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in the Treatment of a Movement Dis-
order
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A61K 31/4747 (2006.01)
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(54) MULTI-MODAL IMAGE COLOR SEG-
MENTER AND EDITOR
(51) Int. Cl.
G06T 11/40 (2006.01)
G06F 40/00 (2020.01)
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GITAL IMAGE OPERATIONS UTILIZ-
ING MODIFIED MACHINE LEARNING
MODELS
(51) Int. Cl.
G06T 11/00 (2006.01)
G06N 3/02 (2006.01)
G06T 7/10 (2017.01)
G06V 10/00 (2022.01)
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MANTIC LAYERS IN A GRAPHIC
DESIGN DOCUMENT
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G06T 11/00 (2006.01)
G06F 3/048 (2013.01)
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G06N 3/08 (2006.01)
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(54) Manufacturing method of car-
bon-coated lithium iron phosphate ma-
terial
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B32B 7/12 (2006.01)
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F28D 7/08 (2006.01)
F22B 1/00 (2006.01)
F22B 1/02 (2006.01)
F22B 1/16 (2006.01)
F22B 29/06 (2006.01)
F22B 37/12 (2006.01)
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B64C 11/46 (2006.01)
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C12N 15/10 (2006.01)
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A01N 43/653 (2006.01)
B05D 7/00 (2006.01)
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H01Q 3/26 (2006.01)
H01Q 13/08 (2006.01)
H04B 1/00 (2006.01)
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G01N 21/00 (2006.01)
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A61K 38/04 (2006.01)
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C22B 1/00 (2006.01)
C22B 7/00 (2006.01)
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H01M 6/52 (2006.01)
H01M 10/052 (2010.01)
H01M 10/054 (2010.01)
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A61G 13/10 (2006.01)
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G10L 15/187 (2013.01)
G10L 15/20 (2006.01)
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A61K 31/43 (2006.01)
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C12Q 1/68 (2018.01)
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A23J 1/00 (2006.01)
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C12C 1/073 (2006.01)
F26B 21/10 (2006.01)
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F02B 31/04 (2006.01)
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A61P 3/00 (2006.01)
A61P 19/00 (2006.01)
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C07D 209/46 (2006.01)
C07D 233/32 (2006.01)
C07D 239/88 (2006.01)
C07D 239/96 (2006.01)
C07D 263/20 (2006.01)
C07D 265/10 (2006.01)
C07D 401/04 (2006.01)
C07D 401/12 (2006.01)
C07D 403/12 (2006.01)
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G06N 3/0475 (2023.01)
G06N 3/094 (2023.01)
G06T 7/136 (2017.01)
G06T 11/00 (2006.01)
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H04L 45/50 (2022.01)
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(71) CJ CHEILJEDANG CORPORATION
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(21) 202229020 **(22)** 02.03.2022

(54) LOWER FOLDING DEVICE FOR FORMING DUMPLINGS
(51) Int. Cl.
A23P 20/20 (2016.01)
A21C 11/00 (2006.01)
A21C 11/16 (2006.01)
A23P 30/20 (2016.01)
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(21) 2021242110 **(22)** 23.03.2021
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(51) Int. Cl.
C12N 1/20 (2006.01)
A23L 33/135 (2016.01)
A61K 35/747 (2015.01)
A61P 1/16 (2006.01)
C12R 1/01 (2006.01)
C12R 1/225 (2006.01)
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G01N 3/02 (2006.01)
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A61F 2/00 (2006.01)
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 (51) Int. Cl.
 A61K 8/19 (2006.01)
 A61K 8/21 (2006.01)
 A61K 8/24 (2006.01)
 A61K 8/55 (2006.01)
 A61Q 11/00 (2006.01)
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 (43) 30.06.2022
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 (72) MYERS, Carl; XU, Guofeng; ZHANG, Shaoyi; TANG, Saide
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 (21) 2021409652 (22) 20.12.2021
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 (51) Int. Cl.
 A61K 8/19 (2006.01)
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 A61K 8/44 (2006.01)
 A61P 9/12 (2006.01)
 A61Q 11/00 (2006.01)
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 A61B 5/00 (2006.01)
 A61C 19/04 (2006.01)
 G01S 17/894 (2020.01)
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 B60P 3/40 (2006.01)
 B62D 7/15 (2006.01)
 B62D 49/00 (2006.01)
 B62D 61/06 (2006.01)
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 (51) Int. Cl.
 G01N 33/50 (2006.01)
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 A61B 18/14 (2006.01)
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 A61F 2/08 (2006.01)
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 (51) Int. Cl.
 G02C 7/04 (2006.01)
 G02C 7/08 (2006.01)
 G02C 7/10 (2006.01)
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 (31) 63/417,347 (32) 19.10.22 (33) US
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PYRIMIDINE CYCLOHEXYL GLUCO-
CORTICOID RECEPTOR MODULAT-
ORS
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C07D 239/54 (2006.01)
C07C 69/65 (2006.01)
C07C 69/738 (2006.01)
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B42D 25/29 (2014.01)
B41M 3/14 (2006.01)
B42D 25/30 (2014.01)
B42D 25/324 (2014.01)
B42D 25/328 (2014.01)
B42D 25/351 (2014.01)
B42D 25/40 (2014.01)
B42D 25/405 (2014.01)
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H02K 7/00 (2006.01)
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H02K 11/33 (2016.01)
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G08C 17/02 (2006.01)
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B01D 35/30 (2006.01)
F01M 11/03 (2006.01)
F02M 37/22 (2019.01)
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bispecific nucleic acid molecule
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C12N 7/00 (2006.01)
A61K 35/761 (2015.01)
A61P 35/00 (2006.01)
C12N 15/113 (2010.01)
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B01J 19/32 (2006.01)
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C07K 16/28 (2006.01)
G01N 33/68 (2006.01)
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(74) WRAYS PTY LTD

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(54) Pharmaceutical composition comprising
polypeptide
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 47/60 (2017.01)
A61P 1/16 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
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Hyoung Tae; PARK, Eun Ji; SHIN, Jae
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(74) RNB IP PTY LTD

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(11) AU-B-2022303750
(21) 2022303750 (22) 27.04.2022
(54) EVALUATION DEVICE AND PRO-
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G06Q 50/06 (2012.01)
H02J 3/00 (2006.01)
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F24F 11/63 (2018.01)

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(21) 2022409572 (22) 14.12.2022

(54) CASSETTE FOR ELECTROLYZER WITH OUTLET BLOCKADE WITH DRAIN

(51) Int. Cl.

C25B 9/21 (2021.01)

C25B 1/04 (2021.01)

C25B 9/67 (2021.01)

C25B 9/77 (2021.01)

C25B 15/08 (2006.01)

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(51) Int. Cl.

C25B 1/04 (2021.01)

C25B 9/67 (2021.01)

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C12N 1/16 (2006.01)

C12G 1/00 (2019.01)

C12N 1/18 (2006.01)

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C23C 20/02 (2006.01)

C23C 24/08 (2006.01)

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(51) Int. Cl.

A01C 7/08 (2006.01)

A01B 7/00 (2006.01)

A01B 9/00 (2006.01)

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(51) Int. Cl.

A01C 7/16 (2006.01)

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(71) DEFIANT ENGINEERING, LLC

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(54) AXIAL LIDAR DOPPLER ANALYZER

(51) Int. Cl.

G01F 1/00 (2022.01)

G01F 1/66 (2022.01)

G01P 5/26 (2006.01)

G01P 3/36 (2006.01)

(87) WO2023/192222

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18/190,384 27.03.23 US

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A01J 5/017 (2006.01)

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B66B 11/02 (2006.01)

B66B 11/00 (2006.01)

B66B 9/00 (2006.01)

B66B 9/16 (2006.01)

(43) 14.03.2024

(44) 10.04.2025

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(74) Halfords IP

(71) Dentsply Sirona Inc.

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(51) Int. Cl.

A61K 6/00 (2020.01)

B33Y 70/00 (2020.01)

(87) WO2020/047217

(31) 62/724,230 (32) 29.08.18 (33) US
62/769,636 20.11.18 US

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(71) Dentsply Sirona Inc.; Sirona Dental Systems GmbH

(11) AU-B-2020321169

(21) 2020321169 (22) 24.04.2020

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(51) Int. Cl.
B29C 64/393 (2017.01)
A61C 1/08 (2006.01)
B33Y 50/02 (2015.01)
B33Y 80/00 (2015.01)
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(72) STAHL, Christian; WEISS, Daniel
(74) Patent Attorney Services
-
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A61K 35/745 (2015.01)
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B01L 3/00 (2006.01)
C12M 1/34 (2006.01)
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G01N 21/27 (2006.01)
G06T 1/00 (2006.01)
G07D 7/12 (2016.01)
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H04B 7/024 (2017.01)
H04W 36/00 (2009.01)
H04W 76/15 (2018.01)
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B65D 5/42 (2006.01)
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B65D 88/54 (2006.01)

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C10G 33/06 (2006.01)
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F25C 1/04 (2018.01)
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F25C 5/00 (2018.01)
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E21B 43/01 (2006.01)
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E21B 43/26 (2006.01)
E21B 47/00 (2012.01)
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A61P 19/06 (2006.01)
C12N 9/06 (2006.01)
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G01D 5/353 (2006.01)
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E04H 4/00 (2006.01)
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A23K 50/40 (2016.01)
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B60L 53/63 (2019.01)
H02J 3/38 (2006.01)

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F24F 11/52 (2018.01)
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F24F 110/10 (2018.01)
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A61B 5/00 (2006.01)
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A61F 2/30 (2006.01)
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STEEL LAMINATIONS AND DEVICE
FOR CARRYING OUT SUCH A METH-
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(51) Int. Cl.
H01F 3/02 (2006.01)
B21D 37/16 (2006.01)
B21D 39/03 (2006.01)
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H01F 27/24 (2006.01)
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H04W 52/36 (2009.01)
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LATED APPARATUS
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H04W 24/08 (2009.01)
H04L 1/00 (2006.01)
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G06V 20/64 (2022.01)
G06N 3/0464 (2023.01)
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F03D 7/04 (2006.01)
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C07C 1/00 (2006.01)
B01J 8/06 (2006.01)
C01B 3/02 (2006.01)
C07B 61/00 (2006.01)
C07C 1/12 (2006.01)
C07C 9/00 (2006.01)
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C12Q 1/02 (2006.01)
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C07D 471/16 (2006.01)
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C07K 14/575 (2006.01)
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B01D 11/02 (2006.01)
C22B 3/24 (2006.01)
C22B 3/44 (2006.01)
C25C 1/12 (2006.01)
C22B 15/00 (2006.01)
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C10L 3/10 (2006.01)
B01D 53/62 (2006.01)
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C25B 1/04 (2021.01)
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C12M 1/04 (2006.01)
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A61K 39/00 (2006.01)
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C07K 14/715 (2006.01)
C07K 19/00 (2006.01)
C12N 5/0783 (2010.01)
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B67D 7/34 (2010.01)
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A61L 27/22 (2006.01)
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B60F 5/02 (2006.01)
B63G 8/00 (2006.01)
B63G 8/16 (2006.01)
B63G 8/22 (2006.01)
B64C 37/00 (2006.01)
B64U 10/13 (2023.01)
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C01F 3/00 (2006.01)
C01D 15/02 (2006.01)
C01D 15/08 (2006.01)
C22B 3/06 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
C22B 35/00 (2006.01)
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C07K 16/28 (2006.01)
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C25B 1/04 (2006.01)
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H04W 24/10 (2009.01)
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 Christopher James
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C22C 19/05 (2006.01)
C23C 4/06 (2016.01)
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F42D 1/08 (2006.01)
F42B 39/30 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61P 27/02 (2006.01)
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C11D 11/00 (2006.01)
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G01C 21/34 (2006.01)
G06Q 10/08 (2024.01)
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with antigen presenting cells and uses thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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(51) Int. Cl.
A61K 47/38 (2006.01)
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F16K 11/076 (2006.01)
E03C 1/04 (2006.01)
E03C 1/042 (2006.01)
F16K 27/12 (2006.01)
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A61K 36/899 (2006.01)
A23K 10/33 (2016.01)
A23K 20/00 (2016.01)
A23K 50/80 (2016.01)
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A61P 31/04 (2006.01)
A61P 31/12 (2006.01)

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 FOR TREATING EPILEPSY
(51) Int. Cl.
A61K 31/05 (2006.01)
A61K 47/02 (2006.01)
A61K 47/28 (2006.01)
A61K 47/44 (2017.01)
A61P 25/08 (2006.01)
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 IBRATION STATE OF TEST COAT-
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G06T 7/00 (2017.01)
G06T 7/90 (2017.01)
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B65D 81/38 (2006.01)
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(54) Modular Box Assembly
(51) Int. Cl.
B65D 5/56 (2006.01)
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 Shifeng
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(54) Modular Box Assembly
(51) Int. Cl.
B65D 5/56 (2006.01)
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(51) Int. Cl.
B65D 5/56 (2006.01)
B65D 81/18 (2006.01)
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 Shifeng
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(51) Int. Cl.
B65D 5/56 (2006.01)
B65D 81/18 (2006.01)
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A01C 5/06 (2006.01)
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 KATER, Timothy
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A01C 7/20 (2006.01)
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 SCHLIPF, Ben
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(54) AGRICULTURAL SAMPLING SYSTEM
 AND RELATED METHODS
(51) Int. Cl.
G01N 1/08 (2006.01)
G01N 1/02 (2006.01)
G01N 1/38 (2006.01)
G01N 1/40 (2006.01)
G01N 21/00 (2006.01)
G01N 33/24 (2006.01)
G01N 35/00 (2006.01)
G01N 35/10 (2006.01)
(43) 19.12.2024
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(72) SWANSON, Todd; KOCH, Dale M.;
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(21) 2024266984 (22) 28.11.2024
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G01N 1/02 (2006.01)
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G01N 21/00 (2006.01)
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G06T 7/11 (2017.01)
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A61P 31/04 (2006.01)
A61K 31/437 (2006.01)
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C07D 471/04 (2006.01)
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A24F 47/00 (2020.01)
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G01N 1/22 (2006.01)
B01D 53/00 (2006.01)
G01N 1/00 (2006.01)
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(54) VALVE CONTROL SYSTEM AND METHOD
(51) Int. Cl.
A01M 7/00 (2006.01)
A01C 5/06 (2006.01)
A01C 7/06 (2006.01)
A01C 23/00 (2006.01)
B05B 12/02 (2006.01)
B05B 12/08 (2006.01)
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G02F 1/01 (2006.01)
G02F 1/35 (2006.01)
H01Q 23/00 (2006.01)
H01S 5/10 (2021.01)
H01S 5/14 (2006.01)
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G10K 11/00 (2006.01)
B63B 22/00 (2006.01)
F03G 7/06 (2006.01)
G01S 7/521 (2006.01)
G01V 1/20 (2006.01)
G01V 1/38 (2006.01)
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B21F 27/12 (2006.01)
E04B 5/32 (2006.01)
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A47H 5/02 (2006.01)
E06B 9/262 (2006.01)
E06B 9/32 (2006.01)
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A61L 2/22 (2006.01)
B05B 12/00 (2018.01)
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C05D 9/02 (2006.01)
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A45D 44/18 (2006.01)
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E04B 9/04 (2006.01)
E04B 1/82 (2006.01)
E04B 1/84 (2006.01)
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B66C 1/10 (2006.01)
F03D 13/10 (2016.01)
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A61P 1/00 (2006.01)
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C12N 5/071 (2010.01)
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H04W 28/08 (2023.01)
H04W 28/16 (2009.01)
H04W 36/12 (2009.01)
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B60L 50/53 (2019.01)
B60L 53/302 (2019.01)
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B65D 19/44 (2006.01)
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F21W 131/103 (2006.01)
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G01N 33/48 (2006.01)
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E21B 19/00 (2006.01)
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A61F 2/40 (2006.01)
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G06T 7/73 (2017.01)
G01B 11/00 (2006.01)
G01C 1/00 (2006.01)
G01S 17/06 (2006.01)
G06F 18/2131 (2023.01)
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SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY, CHINESE ACADEMY OF SCIENCES see JINAN UNIVERSITY
(21) 2022234998

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(51) Int. Cl.
C07D 413/14 (2006.01)
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A61P 1/16 (2006.01)
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C08G 18/32 (2006.01)
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C07D 401/06 (2006.01)
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A44C 17/00 (2006.01)
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F16L 21/00 (2006.01)
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A61B 90/00 (2016.01)
A61L 31/02 (2006.01)
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H10F 77/20 (2025.01)
H10F 10/10 (2025.01)
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H10F 55/25 (2025.01)
H01L 21/04 (2006.01)
H10D 86/85 (2025.01)
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B22F 3/24 (2006.01)
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B33Y 10/00 (2015.01)
B33Y 80/00 (2015.01)
C22C 33/02 (2006.01)

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C07H 21/04 (2006.01)
C12N 15/00 (2006.01)
C12N 15/82 (2006.01)

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G01V 8/00 (2006.01)
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A61B 17/00 (2006.01)
A61B 17/128 (2006.01)

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F23C 3/00 (2006.01)
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SHEN, Qiqing; LIAW, Sui Boon; SIMONS, Alexander David
(74) Integrated IP

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(21) 2019252565 (22) 11.04.2019
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(51) Int. Cl.
A61K 39/12 (2006.01)
C07K 14/18 (2006.01)
C07K 16/10 (2006.01)
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(31) 62/656,352 (32) 11.04.18 (33) US
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(72) BUDIGI, Yadunanda Kumar; CHIONH, Yok Hian; LEE, Debbie Ching Ping; MCBEE, Megan Earley
(74) FB Rice Pty Ltd

(71) XINJIANG UNIVERSITY
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(21) 2024206896 (22) 12.01.2024
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H02H 7/26 (2006.01)
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(21) 2022200302

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(21) 2020205535 (22) 09.01.2020
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(51) Int. Cl.
A61K 31/137 (2006.01)
A61K 9/06 (2006.01)
A61K 9/08 (2006.01)
A61K 9/20 (2006.01)
A61K 31/403 (2006.01)
A61K 31/407 (2006.01)
A61K 31/47 (2006.01)
A61P 27/02 (2006.01)
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(31) 2019-001979 (32) 09.01.19 (33) JP
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(72) YAMADA, Ken-ichi; SHINTO, Saki; ISHIDA, Minato; YAMAMOTO, Keiichi
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-B-2020327056
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(54) Active-passive dual mode switchable vehicle suspension system and switching method therefor
(51) Int. Cl.
B60G 17/015 (2006.01)
B60G 17/018 (2006.01)
B60G 17/08 (2006.01)
(87) WO2021/023026
(31) 201910725158.8 (32) 07.08.19 (33) CN
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(74) Michael Buck IP

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(21) 2022256515 (22) 15.04.2022
(54) BEHAVIOR DRIVEN DIGITAL TWIN FOR INTERNET OF THINGS DEVICES
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G16Y 40/35 (2020.01)
G05B 17/00 (2006.01)
G07C 3/00 (2006.01)
G16Y 30/00 (2020.01)
H04L 67/125 (2022.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 38/00 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
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(31) 19180233.9 (32) 14.06.19 (33) EP
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(74) Madderns Pty Ltd

(71) ZHUHAI UNITED LABORATORIES CO., LTD.
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(21) 2022214702 (22) 17.01.2022
(54) ORAL PREPARATION CONTAINING JAK INHIBITOR OR SALT THEREOF

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OR CRYSTAL FORM THEREOF, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
(51) Int. Cl.
A61K 31/437 (2006.01)
A61P 19/02 (2006.01)
A61P 37/06 (2006.01)
A61P 37/08 (2006.01)
C07D 471/04 (2006.01)
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(74) Wulff Partners Pty Ltd

(71) Zimmer, Inc.
(11) AU-B-2023285872
(21) 2023285872 (22) 21.12.2023
(54) CONSTRAINED PROSTHETIC KNEE
(51) Int. Cl.
A61F 2/38 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2019398021

(71) Zodiac Pool Care Europe
(11) AU-B-2020326394
(21) 2020326394 (22) 27.07.2020
(54) Systems and methods of operating automatic swimming pool cleaners with enhanced cycle times
(51) Int. Cl.
E04H 4/16 (2006.01)
(87) WO2021/024085
(31) 62/883,750 (32) 07.08.19 (33) US
(43) 11.02.2021
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(72) DUFFAUT, Simon
(74) FB Rice Pty Ltd

(71) ZTE Corporation
(11) AU-B-2020212158
(21) 2020212158 (22) 20.01.2020
(54) Method and device for sending and processing access control signaling
(51) Int. Cl.
H04W 74/00 (2009.01)
H04L 5/00 (2006.01)
H04W 52/02 (2009.01)
H04W 74/08 (2009.01)
H04W 76/27 (2018.01)
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(74) Davies Collison Cave Pty Ltd

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(11) AU-B-2024200845
(21) 2024200845 (22) 09.02.2024
(54) Signaling receiving method, signaling transmitting method, and device
(51) Int. Cl.
H04W 36/00 (2009.01)
(43) 29.02.2024
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(74) Davies Collison Cave Pty Ltd

(71) ENI S.p.A.
(11) AU-B-2019423356
(21) 2019423356 (22) 31.12.2019
(54) Methanol production process from syn-gas produced by catalytic partial oxidation integrated with cracking
(51) Int. Cl.
C01B 3/38 (2006.01)
C01B 3/50 (2006.01)
C10G 2/00 (2006.01)
C10G 70/04 (2006.01)
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2018202394	Hofmann Engineering Pty Ltd	2018455876	Crane & Co., Inc.
2018240501	immatics biotechnologies GmbH	2018455886	Kimberly-Clark Worldwide, Inc.
2018242227	Genmab Holding B.V.	2018456006	Kimberly-Clark Worldwide, Inc.
2018243754	Bristol-Myers Squibb Company	2019201028	Great Plains Manufacturing, Inc.
2018243910	The Children's Medical Center Corporation	2019201901	CiiLOCK Engineering Pty Ltd
2018244371	The United States of America, as represented by the Secretary, Department of Health and Human Services	2019202407	Britax Childcare Pty Ltd
2018250301	Bristol-Myers Squibb Company	2019203354	Caterpillar Inc.
2018251788	Aura Biosciences, Inc.; The United States of America, as represented by The Secretary Department of Health and Human Services	2019206033	Werkhaus GmbH & Co. KG
2018251808	Kiniksa Pharmaceuticals, Ltd.	2019206113	Phoenix Industries Pty Ltd
2018253118	Amgen Inc.; MedImmune LLC	2019206205	GI Innovation, Inc.
2018253352	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH	2019206207	Stichting Sanquin Bloedvoorziening
2018263862	Merck Sharp & Dohme LLC	2019213294	Deere & Company
2018265395	University of Utah Research Foundation; Shepherd, J.; Day, C.; Pastuzyn, E.	2019214865	OncoC4, Inc.; University of Maryland, Baltimore
2018279794	Sami Labs Limited	2019215096	Wake Forest University Health Sciences
2018285694	ACCESS TO ADVANCED HEALTH INSTITUTE	2019216640	Caterpillar Global Mining Equipment LLC
2018292181	Collectis	2019216761	Acceleron Pharma Inc.; The Regents of the University of Michigan
2018293457	Bio-Rad Europe GmbH	2019230230	Applied Molecular Transport Inc.
2018302647	Kyowa Kirin Co., Ltd.; Kyoto University	2019231712	The University of North Carolina at Chapel Hill
2018302767	Serum Institute of India Pvt Ltd.	2019232905	Salesforce, Inc.
2018304711	CytomX Therapeutics, Inc.	2019233521	Elastic Potential, S.L.
2018316742	Centessa Pharmaceuticals (UK) Limited	2019242631	Valmont Industries, Inc.
2018319637	ASKBIO UK LTD	2019243828	Valmont Industries, Inc.
2018324180	Lonza Walkersville, Inc.; Lonza Cologne GmbH; Octane Biotech Inc.	2019247403	Cibus US LLC; Cibus Europe, B.V.
2018334273	The Board of Trustees of the Leland Stanford Junior University; Brandeis University	2019252565	WuXi Biologics Ireland Limited
2018335752	The Trustees of The University of Pennsylvania; Hinderer, C.	2019257483	Hein, S.
2018335880	Avidity Biosciences, Inc.	2019261809	WinField Solutions, LLC
2018336016	CFM Pharma Holding B.V.	2019262800	Orchard-Rite Ltd., Inc.
2018336806	Alnylam Pharmaceuticals, Inc.	2019263472	Dexcom, Inc.
2018337030	Becton, Dickinson and Company	2019264857	Tomm Tech Pty Ltd
2018337681	Valneva SE	2019266548	Complement Therapeutics Limited
2018343309	Victoria Link Limited	2019272023	MacDon Industries Ltd.
2018343980	Merck Patent GmbH	2019274928	Acurable Limited
2018346264	Merck Patent GmbH	2019277192	LAWN, S.
2018346527	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	2019277274	NewSouth Innovations Pty Limited
2018352236	Voyager Therapeutics, Inc.; The Curators of the University of Missouri	2019279903	CURTIS, M.J.
2018367924	D-Block Coating Pty Ltd	2019279970	The Boeing Company
2018372938	Panorama Research, Inc.	2019282033	Essilor International
2018373176	Dewact Labs GmbH	2019286313	Haldor Topsøe A/S
2018375807	The Texas A&M University System	2019290024	Saban Ventures Pty Limited
2018378668	National Health Research Institutes	2019290143	Abiomed, Inc.; Massachusetts Institute of Technology; The Brigham and Women's Hospital, Inc.
2018378789	Seminis Vegetable Seeds, Inc.	2019291061	Universidad Pablo de Olavide
2018382419	Elanco Animal Health GmbH	2019292333	Global Designs Co
2018385257	Elanco Animal Health GmbH	2019294109	Gen-Probe Incorporated
2018386331	Baylor College of Medicine	2019295363	Carbon Clean Solutions Limited
2018397486	St. Jude Children's Research Hospital, Inc.; CoA Therapeutics, Inc.	2019295419	Breville Pty Limited
2018423493	AbelZeta Inc.	2019295427	Breville Pty Limited
2018425456	PACCAR Inc	2019295575	Iconex LLC
2018431731	Mylan Inc.	2019296360	Schoeller Allibert GmbH; Chep Technology Pty Ltd.
2018433810	Kimberly-Clark Worldwide, Inc.	2019296518	Olitek Pty Ltd
2018435511	C.R. Bard, Inc.	2019299248	Mars, Incorporated
2018440060	Genting TauRx Diagnostic Centre Sdn Bhd	2019300109	Bayer Aktiengesellschaft; Bayer CropScience Aktiengesellschaft
2018441183	Heineken Supply Chain B.V.	2019302341	AMSTED Rail Company, Inc.
2018448130	FTS Forest Technology Systems Ltd.	2019302547	Paragon 28, Inc.
2018448765	NewSouth Innovations Pty Limited; Kohodo Hydrogen Energy Pty Ltd	2019302727	Kaneka Eurogentec S.A.
2018454293	Suez International	2019304164	Clearwater Pipe Rentals Inc.
		2019307743	Neptune Medical Inc.
		2019308089	D&D Pharmatech Inc.
		2019308812	Mapei SpA
		2019309213	GIACOMINI, J.P.; POWNALL, T.
		2019313158	Rioflex IP Pty Ltd
		2019314196	Amgen Inc.
		2019316686	Sika Technology AG
		2019318147	PEDAWI, S.
		2019319023	Chr. Hansen A/S
		2019321072	Biohydrogen Technologies Ltd.

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2019321557	Andis Company	2019398021	Kübel, J.; Zinner, G.
2019323450	Sunshine Lake Pharma Co., Ltd.	2019398860	Alcon Inc.
2019323616	Meiko Maschinenbau GmbH & Co. KG	2019407123	Societe des Produits Nestle S.A.
2019324741	BC Machining Technologies Inc.	2019408905	Roquette Freres
2019325331	Sage Products, LLC	2019409693	3M Innovative Properties Company; Chreto ApS
2019326241	Fisher & Paykel Healthcare Limited	2019412718	Neste Oyj
2019327488	Rapid Micro Biosystems, Inc.	2019412732	Thales
2019329655	LG Electronics Inc.	2019416005	Thales
2019330998	Quantum-Si Incorporated	2019423356	ENI S.p.A.
2019331468	Dentsply Sirona Inc.	2019424849	Ryse Inc.
2019333123	ChampionX USA Inc.	2019426189	Combilift
2019334261	Treos Bio Limited	2019426836	University of Padova; MGGM LLC; Institute for Research In Biomedicine
2019334801	Haritou, C.; Fada, A.	2019427501	Crown Equipment Corporation
2019335072	Curtin University	2019428009	Razer (Asia-Pacific) Pte. Ltd.
2019335597	Precision Planting LLC	2019429754	Panasonic Intellectual Property Corporation of America
2019338434	Telesat Technology Corporation	2019431540	Novamera Inc.
2019339200	Ancestry.com DNA, LLC	2019437150	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019339631	Fisher & Paykel Healthcare Limited	2019437385	SINTEF TTO AS; Oslo Universitetssykehus HF
2019341528	Schreder S.A.	2019439388	SPECIALTY OPERATIONS FRANCE
2019342892	Blue Gentoo Ltd	2019448170	Goslyn General, LLC
2019343431	Mausser-Werke GmbH	2019451654	Shah, M.
2019343504	The Secretary of State for Foreign and Commonwealth Affairs	2019457524	Sumitomo Electric Industries, Ltd.
2019345889	Global Life Sciences Solutions USA LLC	2019457560	Dignify Therapeutics, LLC
2019345946	Arbaflame Technology AS	2019459233	Quriert Co., Ltd.
2019346445	Illinois Tool Works Inc.	2019466108	NTT DOCOMO, INC.
2019347515	The Regents of the University of Colorado, a body corporate; University of Central Florida Research Foundation, Inc.	2019472013	Fieldpoint (Cyprus) Limited
2019348435	Roquette Freres	2020201544	The Boeing Company
2019348823	Taylor Kerr (Couplings) Limited	2020201621	CATERPILLAR INC.
2019349684	Hologic, Inc.	2020201913	IDEMIA IDENTITY & SECURITY FRANCE
2019349767	Rockwool A/S	2020201952	The Boeing Company
2019350490	Halliburton Energy Services, Inc.	2020203988	KONE CORPORATION
2019350886	Legrand Connectrac, LLC	2020204248	Ellego Powertec Oy
2019351818	Capital One Services, LLC	2020205444	Schreder S.A.
2019352659	Alfa Laval Aalborg Header-coil Company A/S	2020205535	Yamada, K.; Fuso Pharmaceutical Industries, Ltd.
2019354780	Howmedica Osteonics Corp.	2020205643	Celgene Corporation
2019356257	Saipem S.p.A.	2020206200	Cummins Filtration IP, Inc.
2019356905	The Board of Regents of the University of Oklahoma	2020208099	VBN Components AB
2019358080	Lubrizol Advanced Materials, Inc.	2020208798	Tricoya Technologies Ltd
2019359552	RAI Strategic Holdings, Inc.	2020209274	Saipem S.p.A.
2019360106	Arizona Board of Regents on behalf of the University of Arizona; Phoenix Children's Hospital, Inc.	2020212158	ZTE Corporation
2019362923	ProGenis Pty Ltd	2020213639	Services De Forage Orbit Garant Inc.
2019363613	Oerlikon Metco (US) Inc.	2020213892	Technische Universität München
2019364219	Monash University	2020215343	Eaton Intelligent Power Limited
2019365514	Grifols Worldwide Operations Limited	2020215593	Embodiment, Inc.
2019365620	DeLaval Holding AB	2020215742	Detnet South Africa (Pty) Ltd
2019366763	Rheinmetall Waffe Munition GmbH	2020217797	Age Sciences, Inc. DBA PMD Beauty
2019367806	Stendals EL AB	2020217915	M.E.P. Macchine Elettroniche Piegatrici S.p.A.
2019369202	Elica S.p.A.	2020218296	Exeri AB
2019370494	Weatherford Technology Holdings, LLC	2020219428	Blue Solutions
2019370779	Laboratorios Farmacéuticos Rovi, S.A.	2020223202	Multi-Color Corporation
2019371335	Igloo Products Corp.	2020225236	MATISA Materiel Industriel SA
2019374194	Etern Biopharma (Shanghai) Co., Ltd.	2020226525	Coapt LLC
2019378849	Qualcomm Incorporated	2020229057	Germitec
2019384074	Sparrow Pharmaceuticals, Inc.	2020229437	Neuro Device Group S.A.
2019384181	Ionis Pharmaceuticals, Inc.	2020230253	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude; Aix-Marseille Université; Centre National de la Recherche Scientifique
2019387004	EVAC GmbH	2020230890	Synova S.A.
2019387058	On Clouds GmbH	2020231338	Kodiak Robotics, Inc.
2019387156	Oxford University Innovation Limited	2020232326	Eni S.p.A.
2019387471	Omni Consumer Products, LLC	2020232676	CareFusion 303, Inc.
2019390312	Valmont Industries, Inc.	2020233452	Eisai R&D Management Co., Ltd.
2019390693	Attgeno AB	2020241487	Tokuyama Corporation
2019391014	Forta, LLC	2020241875	Franklin Sensors, Inc.
2019391594	Suntory Holdings Limited	2020242970	Microwave Solutions GmbH
2019393370	SABIC Agri-Nutrients Company	2020244101	Aquis Wasser-Luft-Systeme GmbH, Lindau, Zweigniederlassung Rebstein
2019395425	Chevron Phillips Chemical Company LP	2020247451	Merck Patent GmbH
2019397411	Bloomberg Finance L.P.	2020248566	Kowa Company, Ltd.
2019397560	Athenex HK Innovative Limited		
2019397602	SABIC Agri-Nutrients Company		

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2020254611	Duke University	2021246603	Raytheon Company
2020254812	Intra-Cellular Therapies, Inc.	2021252991	Verve Therapeutics, Inc.
2020256418	LEGRAND FRANCE; LEGRAND SNC	2021263927	EG BioMed Co., Ltd.
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2020259716	Saint-Gobain Isover; Saint-Gobain Placo	2021278963	Raytheon Company
2020260017	Brelko Patents (Pty) Ltd	2021279202	ACT Therapeutics Ltd
2020261370	Progenics Pharmaceuticals, Inc.; EXINI Diagnostics AB	2021279207	mDetect Pty Ltd
2020262048	Isol8 (Holdings) Limited	2021294904	Centro de Inmunología Molecular; Universidad de la Habana
2020263381	Progenics Pharmaceuticals, Inc.	2021298187	Arxada AG
2020264882	LG Electronics Inc.	2021317553	Centro de Inmunologia Molecular
2020271134	PATHOTRAK INC.	2021324116	Ocado Innovation Limited
2020274957	National University of Singapore	2021326504	Kite Pharma, Inc
2020278159	Sandvik Mining and Construction Oy	2021328118	SPINAL SIMPLICITY, LLC
2020279483	Chr. Hansen HMO GmbH	2021339547	Illinois Tool Works Inc.
2020281826	SMF-Holding GmbH	2021339827	Milwaukee Electric Tool Corporation
2020282271	Wildlife Acoustics, Inc.	2021343571	JETTI RESOURCES, LLC
2020283367	EditForce, Inc.; Kyushu University, National University Corporation	2021349285	Slate Dental, Inc.
2020283517	Becton, Dickinson and Company	2021350469	AHN, J.H.
2020283876	Boston Scientific Scimed, Inc.	2021373171	HUAWEI TECHNOLOGIES CO., LTD.
2020285607	Vervaeke-Belavi	2021373908	THE GILLETTE COMPANY LLC
2020286959	Ludwig-Maximilians-Universität München	2021374415	CATERPILLAR INC.
2020287848	Cisco Technology, Inc.	2021376596	HANGZHOU GRAND BIOLOGIC PHARMACEUTICAL INC.
2020288608	Société des Produits Nestlé S.A.	2021377577	GLORY LTD.
2020289221	GE Energy Power Conversion Technology Ltd	2021381011	FUJIFILM CORPORATION; ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS
2020290351	Fresenius Medical Care Holdings, Inc.	2021385611	EMBODY, INC.
2020290690	Johnson Matthey Davy Technologies Limited	2021387720	CATERPILLAR INC.
2020292642	AVX New Energy (Chengdu) Co., Ltd	2021392532	LG CHEM, LTD.
2020293576	Zealand Pharma A/S	2021395024	ARCHER AVIATION, INC.
2020302017	Koninklijke Philips N.V.	2021400588	ABBOTT DIABETES CARE INC.
2020307469	Eni S.p.A.	2021401925	ELI LILLY AND COMPANY
2020309516	Boston Scientific Scimed, Inc.	2021403095	INSULET CORPORATION
2020309762	Landis+Gyr AG	2021404477	INVENTIO AG
2020311618	Centre National de la Recherche Scientifique; Nantes Université; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre Hospitalier Universitaire de Nantes	2021409391	COLGATE-PALMOLIVE COMPANY
2020311841	Huawei Technologies Co., Ltd.	2021409628	HILL'S PET NUTRITION, INC.
2020315255	Medtronic, Inc.	2021409652	COLGATE-PALMOLIVE COMPANY
2020319036	Weir Group IP Limited	2021409656	CORCEPT THERAPEUTICS INCORPORATED
2020321169	Dentsply Sirona Inc.; Sirona Dental Systems GmbH	2021409665	GRAPHIC PACKAGING INTERNATIONAL, LLC
2020326394	Zodiac Pool Care Europe	2021409949	SAGE PRODUCTS LLC
2020327056	Yanshan University	2021412498	LUMENIS BE LTD
2020331910	Landis+Gyr Technology, Inc.	2021439481	RAVEN INDUSTRIES, INC.
2020332001	Great Plains Manufacturing, Inc.	2021439775	W. L. GORE & ASSOCIATES, INC.
2020336060	CR Flight L.L.C.	2021447669	SEKISUI HOUSE, LTD.
2020343106	Sovargen Co., Ltd.	2021450239	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.
2020350669	Bone Foam, Inc.	2021457537	BARD PERIPHERAL VASCULAR, INC.
2020358353	Precision Planting LLC	2021463576	COLGATE-PALMOLIVE COMPANY
2020368425	Hawk Measurement Systems Pty. Ltd.	2021464450	NOKIA TECHNOLOGIES OY
2020371039	Stichting Het Nederlands Kanker Instituut-Antoni Van Leeuwenhoek Ziekenhuis	2021480445	SOFTBANK CORP.
2020408179	Active Biotech AB	2022200196	Fusion Pharmaceuticals Inc.
2020419182	Ilias Biologics Inc.; ILIAS Therapeutics, Inc.	2022200302	Regeneron Pharmaceuticals Inc; Yale University; Institute for Research in Biomedicine (IRB)
2020425761	Halliburton Energy Services, Inc.	2022201359	Adobe Inc.
2020426065	Halliburton Energy Services, Inc.	2022201410	Sorriso Pharmaceuticals, Inc.
2020450890	Olix Pharmaceuticals, Inc.	2022201699	The Board of Trustees of the Leland Stanford Junior University
2020452519	Lovevery, Inc.	2022201755	Lemonex Inc.
2020464339	IMAGOWORKS INC.	2022203140	Mesoblast International Sarl
2021204606	Shenzhen Enduring Biotech, Ltd.	2022203372	Eli Lilly and Company
2021207536	Sami-Sabinsa Group Limited	2022203501	Genentech, Inc.
2021207700	Halliburton Energy Services, Inc.	2022203811	Children's Hospital Medical Center, D/B/A Cincinnati Children's Hospital Medical Center
2021213403	MedImmune Limited	2022204362	The University of Queensland
2021227090	Chr. Hansen A/S	2022204608	FRED HUTCHINSON CANCER CENTER; Adaptive Biotechnologies Corp.
2021228100	SPH Sine Pharmaceutical Laboratories Co., Ltd	2022208046	W. L. GORE & ASSOCIATES, INC.
2021231904	BostonGene Corporation		
2021234032	Malcibo AG		
2021238696	Maritime IOT Solutions BV		
2021238989	Chevron U.S.A. Inc.		

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2022212070	VERSITECH LIMITED	2022327145	WOODSIDE ENERGY TECHNOLOGIES PTY LTD
2022214702	ZHUHAI UNITED LABORATORIES CO., LTD.	2022330046	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2022215268	The Board of Trustees of the Leland Stanford Junior University	2022335015	GENNOVA BIOPHARMACEUTICALS LTD.
2022215320	Adobe Inc.	2022344073	IHI CORPORATION
2022215469	COLGATE-PALMOLIVE COMPANY	2022346846	THE NIELSEN COMPANY (US), LLC
2022218754	AICHI CO., LTD.	2022348911	UOP LLC
2022219484	BÜHLER AG	2022355671	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
2022221445	Sera Prognostics, Inc.	2022355725	GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.; HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD.
2022222804	THE PROCTER & GAMBLE COMPANY	2022375618	BOSTON SCIENTIFIC SCIMED INC.
2022223623	THE PROCTER & GAMBLE COMPANY	2022377798	TONGWEI SOLAR (MEISHAN) CO., LTD.
2022224791	Gliknik Inc.	2022397211	CATERPILLAR INC.
2022228087	LG Electronics Inc.	2022397722	CHINA COAL TECHNOLOGY AND ENGINEERING GROUP TAIYUAN INSTITUTE; SHANXI TIANDI COAL MINING MACHINERY CO., LTD.
2022228272	BYD COMPANY LIMITED	2022409572	DANFOSS A/S
2022229020	CJ CHEILJEDANG CORPORATION	2022409574	DANFOSS A/S
2022231657	Biokine Therapeutics Ltd.; BioLineRx Ltd.	2022409596	HITACHI ENERGY LTD
2022234161	NATIONAL INSTITUTES FOR QUANTUM SCIENCE AND TECHNOLOGY	2022412721	SAMSUNG ELECTRONICS CO., LTD.
2022234998	JINAN UNIVERSITY; SHANGHAI INSTITUTE OF ORGANIC CHEMISTRY, CHINESE ACADEMY OF SCIENCES	2022417472	WEIR MINERALS NETHERLANDS B.V.
2022236492	MEDIMMUNE LIMITED	2022442283	TONGWEI SOLAR (HEFEI) CO., LTD.
2022242032	WELLTEC A/S	2023200091	Hairy Turtle Pty Ltd
2022243002	THE PROCTER & GAMBLE COMPANY	2023200347	Getac Technology Corporation
2022246368	Myron L Company	2023200358	Ascendis Pharma A/S
2022252764	Snap-on Incorporated	2023200377	Sorriso Pharmaceuticals, Inc.
2022255475	TEH YOR CO., LTD.	2023200435	Pharmacyclics LLC
2022256515	Yonami, LLC	2023200628	Potrero Medical, Inc.
2022259629	DYSON TECHNOLOGY LIMITED	2023200729	MedicalTree Patent Ltd
2022259704	min, b.	2023200745	Axon Enterprise, Inc.
2022263573	Peter MacCallum Cancer Institute	2023200990	Gilead Sciences, Inc.
2022265692	MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH	2023201037	Kabushiki Kaisha Toshiba
2022267237	MITSUBISHI POWER AMERICAS, INC.	2023201237	Spacecraft Seven, LLC
2022267542	Hunan Taohuajiang Bamboo Science & Technology Co., Ltd.	2023201362	Snap-on Incorporated
2022268355	National University of Singapore	2023201399	Calico Life Sciences LLC; AbbVie Inc.
2022269548	INTERCONTINENTAL GREAT BRANDS LLC	2023201667	One Home Brands, Inc.
2022269659	ELI LILLY AND COMPANY	2023201806	Berger Holding GmbH & Co. KG
2022270196	NITE IZE, INC.	2023201862	Spogen Biotech Inc.
2022270216	FOUR PAWS PRODUCTS, LTD.	2023202085	Radius Pharmaceuticals, Inc.
2022275308	WELLTEC A/S	2023202224	Jonquil Consulting Inc.
2022275389	Adobe Inc.	2023202260	Google LLC
2022279418	Hayward Industries, Inc.	2023202272	Centre for Development of Advanced Computing; National Institute of Technology Calicut
2022279465	Cepheid	2023202333	Gen-Probe Incorporated
2022281086	OCADO INNOVATION LIMITED	2023202391	SAGE PRODUCTS, LLC
2022281315	BATTELLE MEMORIAL INSTITUTE	2023202414	Fisher and Paykel Healthcare Limited
2022283355	Boston Scientific Scimed, Inc.	2023202572	The Chinese University of Hong Kong
2022285104	BOREALIS AG	2023202719	Shandong University of Science and Technology
2022288144	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.	2023203047	Snap-on Incorporated
2022288945	ACCRO BIOSCIENCE (HK) LIMITED	2023203126	Gorski, G.
2022291485	AMPLIFICA HOLDINGS GROUP, INC.	2023203133	Elson, P.
2022292887	INTERNATIONAL BUSINESS MACHINES CORPORATION	2023203136	Fisher & Paykel Healthcare Limited
2022294874	BAKER HUGHES HOLDINGS LLC	2023203140	ESCO Group LLC
2022297036	JFE STEEL CORPORATION	2023203195	Fisher & Paykel Healthcare Limited
2022297367	GILEAD SCIENCES, INC.	2023203235	BASF Agro B.V.
2022297548	W. L. GORE & ASSOCIATES, INC.	2023203402	Glaukos Corporation
2022297590	MACGREGOR SWEDEN AB	2023203441	Snap-on Incorporated
2022300273	RAYTHEON BBN TECHNOLOGIES, CORP.	2023203517	Minotti, A.
2022302243	HUAWEI TECHNOLOGIES CO., LTD.	2023203521	IdentiFlight International, LLC
2022303750	DAIKIN INDUSTRIES, LTD.	2023203551	STRYKER EUROPEAN OPERATIONS HOLDINGS LLC
2022303885	HAIER SMART HOME CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER US APPLIANCE SOLUTIONS, INC.	2023203584	Dolby International AB; Dolby Laboratories Licensing Corporation
2022306937	UNILEVER GLOBAL IP LIMITED	2023203587	Deere & Company
2022308756	DAIKIN INDUSTRIES, LTD.	2023203754	Acer Incorporated
2022313398	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023203838	Dolby International AB
2022314029	HUAWEI TECHNOLOGIES CO., LTD.	2023203948	Capital One Services, LLC
2022315418	SHANGHAI ZHIMENG BIOPHARMA, INC.	2023203977	Chr. Hansen HMO GmbH
2022317116	PPG INDUSTRIES OHIO, INC.	2023204020	ConMed Corporation
2022326209	BÜHLER GMBH	2023204383	Donovan Group Holdings Limited
		2023204684	Gen-Probe Incorporated
		2023206100	Boston Scientific Scimed, Inc.

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2023206199	Kal Tire	2024201052	Dolby International AB
2023208184	ResMed Pty Ltd	2024201186	De Ledebur, P.; De Ledebur, J.; Gruber, S.
2023208198	Ascendis Pharma A/S	2024201348	DePuy Ireland Unlimited Company
2023209809	Transneuronal Therapeutics, Inc.	2024201370	The Board of Trustees of the Leland Stanford Junior University
2023210543	Novartis AG	2024201701	Kissei Pharmaceutical Co., Ltd.
2023213894	DIGESTIVA, INC.	2024202298	ARCHER AVIATION, INC.
2023214353	Inspire Medical Systems, Inc.	2024202344	Apple Inc.
2023216773	Stasher, Inc.	2024202475	POVIVA CORP.
2023216817	Angel Group Co., Ltd.	2024202499	HSP Hochspannungsgeräte GmbH
2023222266	WEIR MINERALS NETHERLANDS B.V.	2024202600	Depuy Ireland Unlimited Company
2023222865	Amgen Inc.	2024202706	Canva Pty Ltd
2023223011	Think Surgical, Inc.	2024202857	Boris Fridman-Mintz
2023226672	Massachusetts Eye & Ear Infirmary; Schepens Eye Research Institute	2024203635	AUSTRACK EQUIPMENT PTY LTD
2023226692	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2024205235	Trina Solar Co., Ltd
2023229475	Tencent America LLC	2024205247	Becton, Dickinson and Company
2023229531	University of Kentucky Research Foundation	2024206896	XINJIANG UNIVERSITY
2023229570	Boston Scientific Scimed, Inc.	2024223999	ConocoPhillips Company
2023229589	Snap-on Incorporated	2024227462	SOLAR ASSISTED SERVICES PTY LTD
2023229607	Terra Quantum AG	2024227727	Trina Solar Co., Ltd.
2023233073	Jetoptera, Inc.	2024259773	Water Filters Pty Ltd
2023233107	Honeywell International Inc.	2024266982	Precision Planting LLC
2023233137	Komatsu Ltd.	2024266984	Precision Planting LLC
2023237119	Amylyx Pharmaceuticals, Inc.; The Board of Trustees of the Leland Stanford Junior University	2024267778	BONDI PEAK PTY LTD
2023237169	Fire & Flood Emergency Services Ltd.	2024278473	Poly Gain Pte Ltd
2023237171	John Mezzalingua Associates, LLC	2025200078	The Regents of The University of California
2023245669	DEFIANT ENGINEERING, LLC	2025200138	Greatcell Energy Limited
2023251532	ConMed Corporation		
2023254906	Weber-Stephen Products LLC		
2023255007	Wonderland Switzerland AG		
2023256873	DANSTAR FERMENT AG		
2023258329	B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.		
2023258385	Typhon Technology Solutions, LLC		
2023266348	Kaleido Biosciences, Inc.; DSM IP Assets B.V.		
2023269220	VMI HOLLAND B.V.		
2023270316	Belron International Limited		
2023274089	Adeptio Pharmaceuticals Limited		
2023274090	Adeptio Pharmaceuticals Limited		
2023274117	Janssen Pharmaceutica NV		
2023274169	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.		
2023278069	The General Hospital Corporation		
2023282189	Globeride, Inc.		
2023282207	Knappco Corporation		
2023282321	Wonderland Switzerland AG		
2023285738	ResMed Pty Ltd		
2023285785	Advanced Lithium Electrochemistry Co., Ltd.		
2023285865	Howmedica Osteonics Corp.		
2023285872	Zimmer, Inc.		
2023285879	Pratt Corrugated Holdings, Inc.		
2023285938	Intuit Inc.		
2023285952	Google LLC		
2023285957	Fortescue Metals Group Ltd		
2023292044	AMERICAN STERILIZER COMPANY		
2023331399	HAINAN NORMAL UNIVERSITY		
2023343780	MOHIDEEN, F.A.		
2023348040	KOVAX CORPORATION		
2023362700	COOPERVISION INTERNATIONAL LIMITED		
2023375282	GREAT SOUTHERN MOTOR COMPANY PTY. LTD.		
2024200095	Fan, E.		
2024200325	RxSafe LLC		
2024200550	Google LLC		
2024200628	ConMed Corporation		
2024200845	ZTE Corporation		
2024200915	Pratt Retail Specialties, LLC		
2024200916	Pratt Retail Specialties, LLC		
2024200927	Inguran, LLC		
2024200959	Pratt Retail Specialties, LLC		
2024200964	Pratt Retail Specialties, LLC		
2024200991	Amgen Inc.; Cytokinetics, Inc.		

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2020332001	2019242631 2019243828	2021245085	2019408905	2023202391	<u>A61B 17 /-</u>
<u>A01B 7 /-</u>	2019349767 2019390312	<u>A01N 43 /-</u>	<u>A23K 40 /-</u>	<u>A46B 11 /-</u>	2019302547 2019326241 2019451654 2020230253 2020274957 2020309516 2021328118 2022297548 2023200729 2023203551 2023223011 2023292044 2024200628 2024202600
2019213294	<u>A01G 31 /-</u>	2021245085 2021298187	2019299248	2023202391	
<u>A01B 76 /-</u>	2019349767	<u>A01N 57 /-</u>	<u>A23K 50 /-</u>	<u>A46B 15 /-</u>	
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<u>A01B 9 /-</u>	2019349767	<u>A01N 63 /-</u>	<u>A23L 11 /-</u>	<u>A46B 5 /-</u>	
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<u>A01C 23 /-</u>	2018378789 2019247403	<u>A01N 65 /-</u>	<u>A23L 2 /-</u>	<u>A47B 88 /-</u>	
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<u>A01C 5 /-</u>	2018378789 2019247403 2023203235	<u>A01P 13 /-</u>	<u>A23L 27 /-</u>	<u>A47C 16 /-</u>	<u>A61B 18 /-</u>
2019335597 2020358353 2021439481	<u>A01J 5 /-</u>	2019439388	2022259704	2023200091	2022283355 2023204020
<u>A01C 7 /-</u>	2019365620	<u>A21C 11 /-</u>	<u>A23L 29 /-</u>	<u>A47C 7 /-</u>	<u>A61B 34 /-</u>
2019213294 2020358353 2021439481 2023203587	<u>A01K 1 /-</u>	2022229020	2020279483	2022218754	2023223011
<u>A01D 34 /-</u>	2022270216 2024267778	<u>A23C 13 /-</u>	<u>A23L 31 /-</u>	<u>A47G 9 /-</u>	<u>A61B 5 /-</u>
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<u>A01D 41 /-</u>	<u>A01K 27 /-</u>	<u>A23C 15 /-</u>	<u>A23L 33 /-</u>	<u>A47H 5 /-</u>	
2019277192	2024267778	2021227090	2019407123 2020279483 2021242110 2023266348	2019424849	
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2019277192 2020250174	2024267778	2019319023 2021227090	2020279483	2019295419	
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2019262800	2020285607	2019319023 2021227090	2022229020	2023254906	
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2019272023 2019277192	2020283367 2022200302 2022203811	2022269548	2022229020	2019292333	2019274928
<u>A01D 63 /-</u>	<u>A01K 89 /-</u>	<u>A23J 1 /-</u>	<u>A24F 47 /-</u>	<u>A47K 10 /-</u>	<u>A61B 6 /-</u>
2019277192	2023282189	2019348435 2022219484	2019359552	2018456006	2019349684
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			<u>A45C 11 /-</u>	<u>A61B 1 /-</u>	<u>A61C 13 /-</u>
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	2018336016	2023213894	2020248566	2022201699	2022265692
<u>A61C 19 /-</u>	2018336806	2024278473	2021228100	2022201755	2022283355
	2018343980		2022291485	2022269659	
2022215469	2018372938	<u>A61K 38 /-</u>	2023274089	2022335015	<u>A61N 5 /-</u>
	2019291061		2023274090	2022375618	
<u>A61C 5 /-</u>	2019323450	2018251788		2023200377	2019472013
	2019347515	2018335752	<u>A61K 47 /-</u>	2023200435	2021412498
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	2019374194	2018397486	2018251788	<u>A61L 2 /-</u>	<u>A61P 1 /-</u>
<u>A61C 9 /-</u>	2019384074	2019216761	2018263862		2018279794
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	2019407123	2019360106	2019230230		2020248566
<u>A61F 13 /-</u>	2019437385	2019365514	2019231712	<u>A61L 27 /-</u>	2020288608
	2019457560	2020248566	2019308089		2021242110
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	2020205535	2020371039	2019437385	2021385611	2022203811
<u>A61F 2 /-</u>	2020205643	2020408179	2020293576	2022375618	2022236492
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2019354780	2020247451	2022203372	2021376596	<u>A61L 31 /-</u>	2022315418
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2020226525	2020254812	2022269659	2023200435	2023223011	
2021439775	2020279483	2022291485	2023229570		<u>A61P 11 /-</u>
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2023251532	2020408179	2023237119	2024202475	2020290351	2019231712
2023285865	2020450890	2023274117		<u>A61M 13 /-</u>	2021317553
2023285872	2021279202	2025200078	<u>A61K 48 /-</u>		<u>A61P 13 /-</u>
2024201348	2021392532		2018253352	2019326241	
	2022201699	<u>A61K 39 /-</u>	2018265395		2021213403
<u>A61F 5 /-</u>	2022201755		2018335880	<u>A61M 16 /-</u>	
	2022214702	2018240501	2018375807		<u>A61P 15 /-</u>
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2021409949	2022288945	2018243910	2020343106	2023202414	2024201701
	2022291485	2018250301	2021252991	2023203136	
<u>A61F 9 /-</u>	2022297367	2018251788	2025200078	2023203195	<u>A61P 17 /-</u>
	2022315418	2018253118		2023208184	
2019398860	2023200377	2018253352	<u>A61K 51 /-</u>	2023285738	2022291485
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2023229607	2023210543	2018302647	2020213892		2019216761
	2023229531	2018302767		2018435511	2021376596
<u>A61G 13 /-</u>	2023229570	2018337681	<u>A61K 6 /-</u>	2019307743	2022214702
	2023274089	2018378668		2020230253	2023201399
2020350669	2023274090	2018382419	2019331468	2021457537	
	2024200991	2019206205	2020248566		<u>A61P 25 /-</u>
<u>A61G 7 /-</u>	2024201370	2019214865		<u>A61M 27 /-</u>	
	2024201701	2019252565	<u>A61K 8 /-</u>		2019291061
2019325331	2024202475	2019360106		2023200628	2019323450
2020350669		2020408179	2021409391		2019365514
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	2019347515	2021317553	2022243002	2020232676	2020254812
<u>A61H 23 /-</u>	2020230253	2021326504	2022306937	2020283517	2020343106
		2022200196		2021457537	2022224791
2020217797	<u>A61K 35 /-</u>	2022201410	<u>A61K 9 /-</u>	<u>A61M 5 /-</u>	2023209809
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<u>A61H 9 /-</u>	2018279794	2022203501	2018263862	2018431731	2023274090
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<u>A61J 1 /-</u>	2021207536	2022263573	2019231712	2023200358	
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	2021243909	<u>A61K 41 /-</u>	2020205535	<u>A61N 1 /-</u>	2020450890
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2018302647	A61P 9 /-	B01D 39 /-	B03D 3 /-	B21F 23 /-	2024203635
2020419182	2019390693	2019391014	2019302727	2019324741	B25J 19 /-
2023200435	2021409652	B01D 45 /-	B05B 1 /-	B21F 27 /-	2024203635
A61P 3 /-	2024200991	2019290024	2019390312	2019313158	B25J 5 /-
2018336016	A61Q 11 /-	B01D 46 /-	B05B 12 /-	2019324741	2024203635
2019308089	2021409391	2024259773	2019242631	B22F 3 /-	2024203635
2022203372	2021409652	B01D 53 /-	2019243828	2020208099	B25J 9 /-
2023201399	2022222804	2019295363	2019290024	B22F 5 /-	2020274957
2023213894	2022223623	2019327488	2021439481	2020208099	B26B 19 /-
2023237119	2022243002	2022288144	B05D 7 /-	B23D 17 /-	2019257483
A61P 31 /-	A61Q 15 /-	2023202224	2021298187	2023229589	2019321557
2019231712	2022306937	B01F 33 /-	B06B 1 /-	B23K 103 /-	B27D 3 /-
2019459233	A62B 35 /-	2019302727	2020307469	2020230890	2022267542
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2021279202	2023237169	2019335072	B08B 1 /-	B23Q 3 /-	B27K 3 /-
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2023200990	A62D 1 /-	B01J 20 /-	2019295419	B24D 3 /-	2021298187
2024278473	2019358080	B01J 23 /-	B09B 3 /-	2023348040	B28B 1 /-
A61P 33 /-	A63F 9 /-	2018448765	2020241487	2023348040	2019233521
2024278473	2020452519	B01J 35 /-	B09B 5 /-	B25B 11 /-	B28B 11 /-
A61P 35 /-	A63H 33 /-	2018448765	2020241487	2020201544	B28B 3 /-
2018242227	2020452519	B01J 8 /-	B21D 11 /-	B25B 13 /-	2019233521
2018243754	B01D 11 /-	2019286313	2020217915	2023203441	B28B 7 /-
2018250301	2019448170	2022344073	B21D 22 /-	B25B 17 /-	2019233521
2018292181	2021343571	B01L 3 /-	2020201952	2023203441	B29B 17 /-
2018302647	B01D 15 /-	2019330998	B21D 31 /-	B25B 23 /-	2022285104
2018378668	2019409693	2019345889	2020201952	2022252764	B29C 33 /-
2018397486	B01D 17 /-	2022279465	B21D 37 /-	2023201362	2019279970
2019374194	2019448170	2023204684	2024202499	B25F 5 /-	B29C 35 /-
2019397560	B01D 27 /-	B01L 7 /-	B21D 39 /-	2022252764	2023270316
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2020205643	B01D 29 /-	B01L 9 /-	B21D 53 /-	2023206199	2021373908
2020247451	2021387720	2023204684	2024202499	B25J 13 /-	B29C 64 /-
2020286959	B01D 3 /-	B02C 2 /-	B21D 7 /-	2020274957	2020215593
2021228100	2019412718	2023285957	2020217915	2024203635	2020321169
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2022234998	2020244101	2022417472			
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2022297367					
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2023210543					
A61P 37 /-					
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2018302647					
2018423493					
2019206205					
2022201410					
2022201699					
2022214702					
A61P 43 /-					
2019291061					
2020233452					
2020248566					
2020288608					

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<u>B29C 65 /-</u>	2023206199	<u>B60W 50 /-</u>	<u>B64D 27 /-</u>	<u>B65D 88 /-</u>	<u>C01B 3 /-</u>
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<u>B29C 73 /-</u>	2018425456	<u>B61D 35 /-</u>	<u>B64U 10 /-</u>	<u>B65G 1 /-</u>	2019423356
2023270316	<u>B60F 5 /-</u>	2019387004	2023343780	2021324116	2022327145
<u>B29D 11 /-</u>	2023343780	<u>B62B 3 /-</u>	<u>B64U 30 /-</u>	2022281086	2022344073
2019282033	<u>B60G 17 /-</u>	2019296360	2023343780	<u>B65G 21 /-</u>	<u>C01D 15 /-</u>
<u>B31B 50 /-</u>	2020327056	<u>B62B 7 /-</u>	<u>B64U 50 /-</u>	2020260017	2022234161
2021409665	<u>B60K 1 /-</u>	2023255007	2023343780	<u>B65G 27 /-</u>	<u>C01F 3 /-</u>
<u>B32B 15 /-</u>	2020201621	<u>B62D 13 /-</u>	<u>B65B 1 /-</u>	2022297590	2022234161
2019334801	<u>B60L 50 /-</u>	2018425456	2019370779	<u>B65G 45 /-</u>	<u>C02F 1 /-</u>
2021350469	2020278159	<u>B62D 49 /-</u>	<u>B65B 3 /-</u>	2020260017	2018454293
<u>B32B 17 /-</u>	<u>B60L 53 /-</u>	2019426189	2019314196	<u>B65G 53 /-</u>	2019350490
2019334801	2020215343	<u>B62D 55 /-</u>	<u>B65B 31 /-</u>	2020208798	2019448170
2023270316	2020278159	2021374415	2019370779	<u>B65G 65 /-</u>	2020244101
<u>B32B 27 /-</u>	2022409596	<u>B62D 61 /-</u>	<u>B65D 19 /-</u>	2022297590	2024259773
2021350469	<u>B60L 55 /-</u>	2019426189	2019296360	<u>B65G 67 /-</u>	<u>C02F 101 /-</u>
<u>B32B 29 /-</u>	2020215343	<u>B62D 7 /-</u>	<u>B65D 25 /-</u>	2022297590	2018454293
2019334801	<u>B60L 58 /-</u>	2019426189	2019343431	<u>B65H 35 /-</u>	<u>C04B 18 /-</u>
<u>B32B 3 /-</u>	2020201621	2019426189	<u>B65D 33 /-</u>	2018456006	2020241487
2019334801	2022397211	<u>B63B 22 /-</u>	2023216773	2020257529	<u>C05B 17 /-</u>
2021298187	<u>B60L 9 /-</u>	2021278963	<u>B65D 43 /-</u>	<u>B66B 1 /-</u>	2019397602
<u>B32B 5 /-</u>	2020278159	<u>B63B 27 /-</u>	2021350469	2021404477	<u>C05C 1 /-</u>
2019334801	<u>B60N 2 /-</u>	2019412732	<u>B65D 5 /-</u>	<u>B66B 11 /-</u>	2019393370
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<u>B32B 7 /-</u>	2023282321	<u>B63C 7 /-</u>	2023203126	<u>B66B 7 /-</u>	<u>C05C 9 /-</u>
2019334801	<u>B60P 3 /-</u>	2019412732	2024200915	2020203988	2019393370
2021350469	2019426189	2019416005	2024200916	<u>B66B 9 /-</u>	<u>C05D 9 /-</u>
<u>B33Y 10 /-</u>	<u>B60Q 1 /-</u>	<u>B63G 8 /-</u>	2024200959	2024201186	2019397602
2020208099	2023233137	2023343780	2024200964	2024201186	<u>C05F 11 /-</u>
<u>B33Y 50 /-</u>	<u>B60R 11 /-</u>	<u>B64C 11 /-</u>	<u>B65D 53 /-</u>	<u>B66C 1 /-</u>	2019243828
2020321169	2020231338	2024202298	2021350469	2020209274	<u>C07B 59 /-</u>
<u>B33Y 70 /-</u>	2024200095	<u>B64C 27 /-</u>	<u>B65D 75 /-</u>	2024203635	2020213892
2019331468	<u>B60R 3 /-</u>	2021276318	2023216773	<u>B66C 7 /-</u>	<u>C07B 61 /-</u>
<u>B33Y 80 /-</u>	2019203354	<u>B64C 29 /-</u>	<u>B65D 8 /-</u>	2021324116	2022344073
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2020321169	2019279903	2024202298	<u>B65D 81 /-</u>	2023282207	2022344073
<u>B41M 3 /-</u>	<u>B60W 30 /-</u>	<u>B64C 37 /-</u>	2023285879	<u>B81C 1 /-</u>	<u>C07C 201 /-</u>
2018455876	2018425456	2023343780	2024200915	2019330998	2019390693
<u>B42D 25 /-</u>	2020231338	<u>B64C 39 /-</u>	2024200916	<u>B82Y 5 /-</u>	<u>C07C 203 /-</u>
2018455876	2022397211	2023343780	2024200959	2018251788	2019390693
<u>B60B 29 /-</u>	<u>B60W 40 /-</u>	2023343780	<u>B65D 83 /-</u>		
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C07C 29 /-	2022315418 2023209809	202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039	202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039	2019295575	C12H 3 /-	C12N 7 /-
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C07C 31 /-	2019374194 2019459233 2020290690	C07K 16 /-	202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039	C09J 7 /-	2018324180 2019302727 2019345889 2020253327	C12N 9 /-
2019286313 2020290690	2020247451 2020254812 2022214702 2022234998 2022297367 2023209809	2018242227 2018243754 2018243910 2018250301 2018251808 2018253118 2018263862 2018285694 2018302647 2018304711 2018316742 2018346264 2018378668 2019206207 2019214865 2019216761 2019252565 2021213403 2022200196 2022201410 2022203501 2022224791 2022236492 2022263573 2022268355 2023278069	2018242227 2018243754 2018243910 2018250301 2018251808 2018253118 2018263862 2018285694 2018302647 2018304711 2018316742 2018346264 2018378668 2019206207 2019214865 2019216761 2019252565 2021213403 2022200196 2022201410 2022203501 2022224791 2022236492 2022263573 2022268355 2023278069	C09K 11 /-	C12N 1 /-	2018334273 2018346527 2019230230 2019247403 2021227090 2021234032 2021376596 2023213894
2021409656	C07C 9 /-	C07D 487 /-	202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039	C09K 17 /-	2018302647 2019302727 2020283367 2021242110 2022215268 2022327145 2023201862 2023256873	2019247403 2021227090 2021234032 2021376596 2023213894
2022344073	C07D 207 /-	2022214702 2022297367	202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039 202321039	C09K 3 /-	2022215268 2022327145 2023201862 2023256873	C12P 19 /-
2023201399	C07D 495 /-	C07D 495 /-	2			

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			2022275308	2020206200	2019201028
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			E21B 34 /-	F02B 31 /-	F16B 23 /-
2021343571	D04H 13 /-	E04F 15 /-		2022228272	2019346445
2022234161	2018433810	2024227462	2021207700		
C22B 35 /-			E21B 36 /-	F02B 63 /-	F16B 25 /-
	D04H 5 /-	E04G 11 /-		2023258385	2019346445
2022234161	2018455886	2019313158	2021207700		
C22B 7 /-			E21B 37 /-	F02C 7 /-	F16B 35 /-
	D21H 27 /-	E04H 17 /-		2023258385	2019346445
2020219428	2018456006	2021339547	2019342892		
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C22C 19 /-	E01B 29 /-	E04H 4 /-	E21B 41 /-	2023233073	2022270196
			2019342892		
2019363613	2020225236	2020326394	2019350490	F02K 9 /-	F16B 47 /-
		2022279418		2023203517	2024200095
C22C 33 /-	E01B 31 /-	E05B 3 /-	E21B 43 /-		
				F02K 99 /-	F16B 7 /-
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C23C 20 /-	E02B 15 /-	E05D 15 /-	2019350490		
			2020262048	F02M 37 /-	F16C 19 /-
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			2021238989		
C23C 24 /-	E02D 29 /-	E06B 3 /-	2024223999	F03D 13 /-	F16C 33 /-
				2020209274	2019302341
2018367924	2023203133	2019201901	E21B 47 /-	F03D 17 /-	F16G 17 /-
		2019264857		2023203521	2022270196
C23C 4 /-	E02F 3 /-		2019350490	F03D 7 /-	F16H 1 /-
			2020262048		2019329655
2019363613	2020201621	E06B 7 /-	2020425761	F03G 7 /-	F16J 15 /-
			2020426065		
C23F 11 /-	E02F 9 /-	2019201901	2021238989	F03H 99 /-	F16K 11 /-
			2022294874	2023203517	2019206113
2019333123	2019203354	E06B 9 /-	2024223999	F04B 19 /-	F16K 27 /-
2019358080	2023203140			2023375282	2019206113
C25B 1 /-	E03C 1 /-	2019424849	E21B 49 /-		
		2022255475		F04B 37 /-	F16K 31 /-
			2024223999	2023375282	2019206113
2018448765	2019206113	E21B 15 /-		F04B 53 /-	F16L 21 /-
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2022344073	E03F 1 /-	2019216640		2023222266	F16M 13 /-
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2022409574	2019387004	E21B 17 /-	2020426065		
2023201037			2022397722	F04D 13 /-	F16M 3 /-
	E04B 1 /-	2020425761	E21C 27 /-	2019350490	2023258385
C25B 11 /-		2022294874			
	2020259716	E21B 19 /-	2019431540	F04F 13 /-	F17C 13 /-
2023226692	2021324116				
	2023204383	2019370494	E21D 11 /-		
C25B 15 /-	E04B 5 /-	2020213639		F04F 99 /-	
			2022397722		
2022313398	2019233521	E21B 21 /-	E21D 20 /-		
2022409572	2019313158				
C25B 9 /-	E04B 9 /-	2019395425	2022397722		
		2019431540			
2022313398		E21B 23 /-	E21D 9 /-		
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	2024227462	E21B 29 /-	2023258385		
C25C 1 /-	E04C 3 /-				
		2022275308	F01K 25 /-		
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		2020262048			
2018448765	2019313158	2020425761			

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<u>F21K 9 /-</u>	2023233107	2019387471	<u>G01N 30 /-</u>	2020231338	2022275389
2020204248	<u>F24F 13 /-</u>	<u>G01C 1 /-</u>	2018337030	202215469	2023274169
<u>F21V 13 /-</u>	2022228087	2023202719	<u>G01N 33 /-</u>	2023202719	2024202344
2019341528	2022355725	<u>G01C 21 /-</u>	2018244371	<u>G01S 5 /-</u>	<u>G06F 30 /-</u>
<u>F21V 5 /-</u>	<u>F24F 130 /-</u>	2019318147	2018293457	2020264882	2020201952
2019341528	2023233107	<u>G01D 21 /-</u>	2018302647	<u>G01S 7 /-</u>	<u>G06F 40 /-</u>
<u>F21V 7 /-</u>	<u>F25C 1 /-</u>	2020319036	2018304711	2021278963	2022201359
2019341528	2022303885	<u>G01D 4 /-</u>	2018337030	<u>G01V 1 /-</u>	<u>G06F 9 /-</u>
<u>F21W 131 /-</u>	<u>F25C 5 /-</u>	2020331910	2018343980	2020307469	2022292887
2019341528	2022303885	<u>G01D 5 /-</u>	2018346264	2021278963	2022412721
<u>F21Y 105 /-</u>	<u>F25D 25 /-</u>	2020368425	2018373176	<u>G01V 3 /-</u>	<u>G06K 19 /-</u>
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<u>F21Y 115 /-</u>	<u>F25D 3 /-</u>	2023245669	2019215096	<u>G01V 5 /-</u>	2023216817
2019341528	2019371335	<u>G01F 23 /-</u>	2019266548	2020426065	<u>G06M 1 /-</u>
<u>F22B 1 /-</u>	<u>F26B 21 /-</u>	2023204684	2020271134	2022330046	2018431731
2019352659	2022326209	<u>G01H 3 /-</u>	2020343106	<u>G01V 8 /-</u>	<u>G06N 10 /-</u>
<u>F22B 29 /-</u>	<u>F26B 25 /-</u>	2020282271	2021400588	2023269220	2024200550
2019352659	2022326209	<u>G01H 9 /-</u>	2021409628	<u>G02B 23 /-</u>	<u>G06N 20 /-</u>
<u>F22B 37 /-</u>	<u>F26B 9 /-</u>	2020368425	2022203140	2022212070	2022275389
2019352659	2022326209	<u>G01L 5 /-</u>	2022203501	<u>G02C 7 /-</u>	<u>G06N 3 /-</u>
<u>F23C 3 /-</u>	<u>F27D 17 /-</u>	2023201362	2022204608	2019282033	2020201913
2023254906	2022297036	<u>G01N 1 /-</u>	2022221445	2023362700	2021231904
<u>F23C 5 /-</u>	<u>F28D 7 /-</u>	2018337030	2023282207	<u>G02F 1 /-</u>	2022215320
2023254906	2019352659	2019327488	2024200927	2022300273	2022275389
<u>F24C 15 /-</u>	<u>F41B 15 /-</u>	2024266982	<u>G01P 3 /-</u>	<u>G05B 15 /-</u>	2023285952
2019206033	2023200745	2024266984	2023245669	2022300273	2024202706
2019369202	<u>F41G 3 /-</u>	<u>G01N 15 /-</u>	<u>G01P 5 /-</u>	<u>G05B 17 /-</u>	<u>G06N 5 /-</u>
<u>F24C 7 /-</u>	2019366763	2020271134	2023245669	2022256515	2023285938
2019206033	<u>F41H 13 /-</u>	2024200927	<u>G01R 1 /-</u>	2023202272	<u>G06Q 10 /-</u>
<u>F24D 3 /-</u>	2019366763	<u>G01N 21 /-</u>	2020309762	<u>G05B 17 /-</u>	2019318147
2024227462	2023200745	2018337030	<u>G01R 11 /-</u>	2022256515	2020201913
<u>F24F 1 /-</u>	<u>F42B 39 /-</u>	2021377577	2020309762	<u>G05D 1 /-</u>	2023285938
2021450239	2019296518	2022246368	<u>G01R 19 /-</u>	2018425456	<u>G06Q 20 /-</u>
2022228087	<u>F42D 1 /-</u>	2023282207	2021279207	2020332001	2019351818
2022355725	2019296518	2024200927	<u>G01R 21 /-</u>	2023233137	2023203948
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2021450239	<u>G01B 11 /-</u>	<u>G01N 27 /-</u>	2020309762	2019232905	2022303750
2022308756	2023202719	2020241875	<u>G01R 31 /-</u>	2019343504	2023216817
2023201806		2020290351	<u>G01S 13 /-</u>	2023285938	<u>G06T 1 /-</u>
2023233107		2021400588	2019387471	2024202344	2021377577
		<u>G01N 3 /-</u>	2020231338	<u>G06F 18 /-</u>	2023202719
				<u>G06F 21 /-</u>	<u>G06T 11 /-</u>
				2018448130	2022201359
				<u>G06F 3 /-</u>	2022215320
					2022275389
					2024202706

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<u>G06T 13 /-</u>			<u>H02G 3 /-</u>	<u>H04B 1 /-</u>	<u>H04S 1 /-</u>
2021480445	<u>G10L 15 /-</u>	<u>H01M 10 /-</u>	2019350886	2022281315	2023203584
<u>G06T 5 /-</u>	2022201359	2020219428			
	2024202857	2022259629	<u>H02H 7 /-</u>	<u>H04B 11 /-</u>	<u>H04S 3 /-</u>
2020263381	<u>G10L 19 /-</u>	2023200347	2024206896	2021246603	2023203584
<u>G06T 7 /-</u>	2024201052	<u>H01M 4 /-</u>			2023203838
2020201913	<u>G10L 21 /-</u>	2019457524	<u>H02H 9 /-</u>	<u>H04B 13 /-</u>	<u>H04S 7 /-</u>
2020261370		2020219428	2020205444	2021246603	2023203584
2020263381	2024201052	2023285785	<u>H02J 1 /-</u>	<u>H04B 17 /-</u>	
2021231904	2024202857	<u>H01M 50 /-</u>	2021395024	2019338434	<u>H04W 24 /-</u>
2022215320	<u>G10L 25 /-</u>	2021339827	2023202272		2019338434
2022317116		2022259629	<u>H02J 13 /-</u>	<u>H04B 7 /-</u>	2019466108
2023202719	2024201052	2023200347		2019338434	2022302243
2024202706	2024202857	<u>H01M 6 /-</u>	2023202272	2023202260	<u>H04W 28 /-</u>
<u>G06V 10 /-</u>	<u>G11B 20 /-</u>	2020219428	<u>H02J 3 /-</u>	<u>H04L 1 /-</u>	2019338434
2022215320	2022346846		2020289221	2022302243	2019466108
2023216817	<u>G16B 10 /-</u>	<u>H01M 8 /-</u>	2022267237		2022412721
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<u>G06V 20 /-</u>	2019339200	2022348911	2022409596	2023202272	2022412721
2020201913	<u>G16H 20 /-</u>	<u>H01Q 1 /-</u>	<u>H02J 7 /-</u>		2023202260
2024200325	2020229437	2020315255	2022409596	<u>H04L 45 /-</u>	2023203754
<u>G07C 3 /-</u>	<u>G16H 50 /-</u>	2021238696	2023200347	2020287848	2024200845
2022256515	2018440060	2021403095	<u>H02K 11 /-</u>	<u>H04L 5 /-</u>	<u>H04W 4 /-</u>
<u>G07D 7 /-</u>	<u>G16Y 30 /-</u>	<u>H01Q 13 /-</u>	2020336060	2019378849	2023237171
2021377577	2022256515	2022281315	<u>H02K 13 /-</u>	2019429754	<u>H04W 40 /-</u>
<u>G07F 11 /-</u>	<u>G16Y 40 /-</u>	<u>H01Q 21 /-</u>	2020336060	2020212158	2020264882
2023269220	2022256515	2021238696	<u>H02K 26 /-</u>	2021464450	<u>H04W 48 /-</u>
<u>G07F 17 /-</u>	<u>H01F 27 /-</u>	<u>H01Q 23 /-</u>	2023229589	<u>H04L 67 /-</u>	2020264882
2023216817	2024202499	2022300273	<u>H02K 7 /-</u>	2022256515	2023203754
2023269220	<u>H01F 3 /-</u>	<u>H01Q 25 /-</u>	2020336060	2022412721	<u>H04W 52 /-</u>
<u>G07F 7 /-</u>	2024202499	2021238696	2023229589	<u>H04L 9 /-</u>	2020212158
2023203948	<u>H01F 41 /-</u>	<u>H01Q 3 /-</u>	<u>H02M 7 /-</u>	2019351818	2020264882
<u>G08C 17 /-</u>	2024202499	2022281315	2019295427	2023203948	2021373171
2019427501	<u>H01G 11 /-</u>	<u>H01Q 9 /-</u>	<u>H02P 21 /-</u>	<u>H04M 1 /-</u>	<u>H04W 64 /-</u>
<u>G09B 19 /-</u>	2020292642	2021238696	2019277274	2024200095	2020264882
2020229437	<u>H01G 9 /-</u>	<u>H01R 25 /-</u>	2020289221	<u>H04N 19 /-</u>	<u>H04W 72 /-</u>
<u>G09B 23 /-</u>	2019387156	2019350886	<u>H02P 9 /-</u>	2019437150	2019378849
2020249323	2025200138	<u>H01R 27 /-</u>	2020289221	2020302017	2022314029
<u>G09F 3 /-</u>	<u>H01H 71 /-</u>	2019350886	<u>H02S 20 /-</u>	2020311841	2023202260
2020223202	2020256418	<u>H01R 43 /-</u>	2019356905	2023229475	<u>H04W 74 /-</u>
2020309762	<u>H01H 83 /-</u>	2019350886	<u>H03K 17 /-</u>	2023258329	2020212158
<u>G10K 11 /-</u>	2020256418	<u>H01S 5 /-</u>	2020241875	2023274169	2021373171
2021278963	<u>H01L 21 /-</u>	2022300273	<u>H03K 5 /-</u>	<u>H04R 1 /-</u>	2020264882
<u>G10K 9 /-</u>		2023331399	2021279207	2020307469	2023202260
2020307469	2024227727				2023203754
					<u>H04W 8 /-</u>

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2020331910
2023203754

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2019466108
2023237171

H05B 1 /-

2019295427

H05B 3 /-

2020225236

H05B 33 /-

2022279418

H05B 45 /-

2020205444

H05B 47 /-

2022279418

H05B 6 /-

2019206033
2019295427

H05K 1 /-

2019398021

H05K 3 /-

2019398021

H05K 7 /-

2019295427

H10D 86 /-

2024227727

H10F 10 /-

2022355671
2022377798
2024205235

H10F 19 /-

2024227727

H10F 55 /-

2024227727

H10F 71 /-

2022355671
2022377798

H10F 77 /-

2022355671
2022377798
2022442283
2024205235
2024227727

Certified Innovation Patents**Name Index**

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

-
- (71) Regeneron Pharmaceuticals, Inc.
(11) AU-B-2024100037
(21) 2024100037 (22) 20.09.2024
(54) High concentration VEGF receptor fusion protein containing formulations
(51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 9/08 (2006.01)
 A61K 38/17 (2006.01)
 A61K 47/22 (2006.01)
 A61K 47/26 (2006.01)
 A61P 27/02 (2006.01)
(45) 10.04.2025
(62) 2019265005
(72) GRAHAM, Kenneth S.; WADHWA,
 Saurabh
(74) Griffith Hack

Numerical Index

2024100037 Regeneron Pharmaceuticals, Inc.

IPC Index

A61K 38 /-

2024100037

A61K 47 /-

2024100037

A61K 9 /-

2024100037

A61P 27 /-

2024100037

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn2019341723 **Biological E Limited** (Merck Sharp & Dohme LLC)**Patents Granted****Standard Patents**

2017348180	2017360094	2017376780	2017387041
2018200408	2018201581	2018219148	2018243920
2018247367	2018252193	2018256603	2018264455
2018265408	2018268970	2018272831	2018282728
2018292105	2018311276	2018324195	2018327353
2018328324	2018333148	2018335362	2018335955
2018338314	2018345785	2018360867	2018366163
2018367660	2018369639	2018371987	2018372632
2018374176	2018380959	2018383098	2018387476
2018408879	2018430193	2018435421	2018441050
2018447667	2019200182	2019201263	2019202046
2019202609	2019203572	2019203692	2019204904
2019205653	2019205905	2019208187	2019210328
2019212203	2019212237	2019212316	2019213456
2019215811	2019216781	2019216971	2019217982
2019218271	2019220503	2019222813	2019222871
2019222872	2019224826	2019226170	2019227823
2019231656	2019234447	2019234578	2019240110
2019240613	2019240758	2019240785	2019240811
2019243731	2019245436	2019246226	2019247379
2019253818	2019254515	2019255723	2019257406
2019259382	2019259863	2019260124	2019260418
2019261745	2019263157	2019264618	2019265782
2019268955	2019269643	2019270136	2019272041
2019272960	2019273612	2019273870	2019275351
2019277344	2019280151	2019280688	2019280971
2019281144	2019284005	2019293293	2019294552
2019294943	2019303904	2019303905	2019309324
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2019325508	2019328662	2019329801	2019330719
2019335372	2019337411	2019339749	2019342316
2019342721	2019343280	2019346023	2019349438
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2019358285	2019358647	2019359460	2019359500
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2019404522	2019405880	2019406629	2019410233
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2020208389	2020210635	2020215766	2020216558
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2020226703	2020232019	2020254051	2020259100
2020268341	2020271090	2020273510	2020277300
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2020327783	2020343018	2020345776	2020350188
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2020473569	2021200123	2021202552	2021203134
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2021261945	2021264935	2021268683	2021273615
2021276206	2021277114	2021286442	2021289264
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Patents Granted**Standard Patents**

2021351215	2021352641	2021353860	2021353960
2021354049	2021356474	2021372000	2021377371
2021380724	2021385841	2021390484	2021394866
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2021456077	2021466220	2021473992	2022200200
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2022201829	2022201984	2022202003	2022202054
2022202819	2022203980	2022209479	2022210374
2022212568	2022215058	2022218597	2022224826
2022225466	2022228143	2022228616	2022233253
2022238900	2022245656	2022246438	2022248081
2022249098	2022250534	2022251417	2022252970
2022253636	2022254115	2022254721	2022256034
2022256202	2022259717	2022259731	2022263469
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2022268391	2022269566	2022271479	2022279447
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2022291517	2022291601	2022291920	2022298651
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2022313787	2022316393	2022317315	2022322838
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2023200188	2023200496	2023200626	2023200631
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2023203138	2023203331	2023203748	2023204019
2023204127	2023204279	2023204368	2023204614
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2023216868	2023216871	2023219969	2023222842
2023222877	2023229526	2023229546	2023229567
2023237162	2023241553	2023241556	2023251388
2023251435	2023252685	2023254995	2023255048
2023258362	2023258397	2023263425	2023263491
2023264480	2023265062	2023266356	2023270181
2023274022	2023274118	2023274121	2023282245
2023284998	2023285836	2023285859	2023351340
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2024200680	2024201098	2024201320	2024202122
2024204285	2024219945	2024255587	2024264584

Innovation Patents

2019101860	2019101862	2021107701	2021107702
2025100006	2025100007		

Revocation

It is hereby notified that as a consequence of a court order dated 05.11.2024 by the Federal Court of Australia Victoria Registry in proceedings number VID976/2023 , Patent 2004305226 in the name of **Bayer Intellectual Property GmbH** has been revoked in relation to Australian Patent No. 2004305226 revoked in accordance with the Orders made by Justice Yates, Justice Burley and Justice Downes on 5 November 2024 .

It is hereby notified that as a consequence of a court order dated 05.11.2024 by the Federal Court of Australia Victoria Registry in proceedings number VID976/2023 , Patent 2006208613 in the name of **Bayer Intellectual Property GmbH** has been revoked in relation to Australian Patent No. 2006208613 revoked in accordance with the Orders made by Justice Yates, Justice Burley and Justice Downes on 5 November 2024 .

It is hereby notified that as a consequence of a decision by the Commissioner dated 25.03.2025 , Patent 2019100556 in the name of

Revocation

JUSAND NOMINEES PTY LTD has been revoked in relation to a re examination and subsequent revocation under Section 101J of the Patents Act.

It is hereby notified that as a consequence of a decision by the Commissioner dated 25.03.2025, Patent 2020100163 in the name of **Kutti Bay Investments Pty Ltd** has been revoked in relation to a re examination and subsequent revocation under Section 101J of the Patents Act.

It is hereby notified that as a consequence of a decision by the Commissioner dated 25.03.2025, Patent 2021104755 in the name of **Kutti Bay Investments Pty Ltd** has been revoked in relation to a re examination and subsequent revocation under Section 101J of the Patents Act.

Assignments Registered

2006297704 Helen of Troy Limited The patent has been assigned to **Kaz Europe Sàrl**

2007235035 Helen of Troy Limited The patent has been assigned to **Kaz Europe Sàrl**

2007307954 Helen of Troy Limited The patent has been assigned to **Kaz Europe Sàrl**

2009258230 Helen of Troy Limited The patent has been assigned to **Kaz Europe Sàrl**

2010249683 DOSE Medical Corporation The patent has been assigned to **Glaukos Corporation**

2010267876 IDEMIA Identity & Security France The patent has been assigned to **IDEMIA France**

2011327986 IDEMIA Identity & Security France The patent has been assigned to **IDEMIA France**

2014237278 Dose Medical Corporation The patent has been assigned to **Glaukos Corporation**

2015225621 Helen of Troy Limited The patent has been assigned to **Kaz Europe Sàrl**

2015230797 DOSE Medical Corporation The patent has been assigned to **Glaukos Corporation**

2015235511 JVC Kenwood Corporation The patent has been assigned to **SYSMEX CORPORATION**

2015316480 MolMed SpA The patent has been assigned to **Osedale San Raffaele S.R.L.**

2015342767 Kineta Chronic Pain, LLC The patent has been assigned to **Pacira Pharmaceuticals, Inc.**

2016226191 Helen of Troy Limited The patent has been assigned to **Kaz Europe Sàrl**

2016320905 The Schepens Eye Research Institute, Inc. The patent has been assigned to **Massachusetts Eye and Ear Infirmary**

2017252294 DOSE Medical Corporation The patent has been assigned to **Glaukos Corporation**

2018229507 DOSE Medical Corporation The patent has been assigned to **Glaukos Corporation**

2018232702 Nomad Bioscience GmbH; UAB Nomads The patent has been assigned to **Nomad Bioscience GmbH**

2018388672 Helen of Troy Limited The patent has been assigned to **Kaz Europe Sàrl**

Assignments Registered

2019201946 Dose Medical Corporation The patent has been assigned to **Glaukos Corporation**

2019213296 Idemia Identity & Security France The patent has been assigned to **IDEMIA France**

2019219798 Monica Healthcare Limited The patent has been assigned to **GE Precision Healthcare LLC**

2019357830 Hefei Institutes of Physical Science, Chinese Academy of Sciences The patent has been assigned to **Tarapeutics Science Inc.**

2020204427 DOSE Medical Corporation The patent has been assigned to **Glaukos Corporation**

2020338637 Hefei Institutes of Physical Science, Chinese Academy of Sciences The patent has been assigned to **Tarapeutics Science Inc.**

2021203752 Syros Pharmaceuticals, Inc. The patent has been assigned to **Quetzal Therapeutics, LLC**

2021204100 Dose Medical Corporation The patent has been assigned to **Glaukos Corporation**

2021212006 Kineta Chronic Pain, LLC The patent has been assigned to **Pacira Pharmaceuticals, Inc.**

2021286438 The Schepens Eye Research Institute, Inc. The patent has been assigned to **Massachusetts Eye and Ear Infirmary**

2021382769 HEFEI INSTITUTES OF PHYSICAL SCIENCE, CHINESE ACADEMY OF SCIENCES The patent has been assigned to **Tarapeutics Science Inc.**

2022201392 DOSE Medical Corporation The patent has been assigned to **Glaukos Corporation**

2023266391 SHENZHEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.; XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD. The patent has been assigned to **Hithium Tech HK Limited**

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.

2014200559 **ATNX SPV, LLC**

The earliest first regulatory approval date provided by the patentee 23 Feb 2024

For the goods ONAKTA tirbanibulin

2024204283 **Incyte Holdings Corporation**

The earliest first regulatory approval date provided by the patentee 03 Jul 2013

For the goods JAKAVI ruxolitinib

Applications Accepted

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

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

2005321966 **ATNX SPV, LLC**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The earliest first regulatory approval date provided by the patentee 23 Feb 2024

For the goods ONAKTA tirbanibulin

Address for service : AJ PARK PO Box 949 Wellington 6140 NZ

Extensions granted

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

2007290099 **ACTELION PHARMACEUTICALS LTD**

The earliest first regulatory approval date provided by the patentee 16 Sep 2024

For the goods OPSYNO macitentan / tadalafil

Extension of Term of patent pursuant to Section 77 expires on 28 Aug 2032

2020204164 **Arena Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 22 May 2024

For the goods VELSIPITY crystalline free-plate habit of etrasimod arginine

Extension of Term of patent pursuant to Section 77 expires on 22 May 2039

Corrigenda

In Vol 59 , No 11 , Page(s) 1596 under the heading **Extensions of Term of Standard Patent, Section 70 - Applications Filed** Delete all reference to

In Vol 59 , No 12 , Page(s) 1619 under the heading **Amendments - Amendments Made** Under the name TAIYUAN UNIVERSITY OF TECHNOLOGY; SHANGHAI SHAMIN INTELLIGENT TECHNOLOGY CO., LTD.; NORTH CHINA INSTITUTE OF SCIENCE AND TECHNOLOGY , Application No. 2023456846, under INID (54) correct the title to RAPID MOTION CONTROL METHOD FOR RANDOM COMBINATIONS OF SIDE-BY-SIDE SEAMLESSLY FITTING GROUP OF SLIDE PLATES

In Vol 59 , No 14 , Page(s) 1972 under the heading **Applications Accepted - Name Index** Delete all reference to 2020294852.

In Vol 59 , No 14 , Page(s) 2006 under the heading **Applications Accepted - Name Index** Under the name PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS, Application No. 2023446734, under INID (54) correct the title to read METHOD FOR EXTRACTING METALS FROM SAPROLITE LATERITE NICKEL ORE

In Vol 59 , No 7 , Page(s) 863 under the heading **Applications OPI - Name Index** Under the name PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS, Application No. 2023446734, under INID (54) correct the title to read METHOD FOR EXTRACTING METALS FROM SAPROLITE LATERITE NICKEL ORE

In Vol 59 , No 7 , Page(s) 907 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS, Application No. 2023446734, under INID (54) correct the title

Corrigenda

to read METHOD FOR EXTRACTING METALS FROM SAPROLITE LATERITE NICKEL ORE

In Vol 59 , No 9 , Page(s) 1294 under the heading **Assignments Registered** The new Patentee name should read Institute of Acoustics, Chinese Academy of Sciences

Specifications Republished

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

2019300069	Subsea 7 Norway AS
2019316556	PML Screening, LLC; Université Paris-Saclay; The Assistance Publique - Hôpitaux De Paris (APHP); The Institut National De La Santé Et De La Recherche Médicale (INSERM)
2019409710	Subsea 7 Norway AS
2020256225	Regeneron Pharmaceuticals, Inc.
2020368118	IMMERSIVE ROBOTICS PTY LTD
2020468483	VIASAT, INC.
2020469635	HUSQVARNA AB
2020476620	MITSUBISHI ELECTRIC CORPORATION
2020482776	COLGATE-PALMOLIVE COMPANY
2020483085	ZHEJIANG DOER BIOLOGICS CO., LTD.; ZHEJIANG HEZE PHARMACEUTICAL TECHNOLOGY CO., LTD. ISTANBUL UNIVERSITESI REKTORLUGU
2021326382	GUANGZHOU LUPENG PHARMACEUTICAL COMPANY LTD.
2021326530	DELFI DIAGNOSTICS, INC.
2021328551	SHENZHEN SHENXIN BIOTECHNOLOGY CO., LTD.
2021329702	ZILLOW, INC.
2021332335	Systimmune, Inc.
2021344531	FUNDACIÓ INSTITUT DE RECERCA BIOMÈDICA (IRB BARCELONA); UNIVERSITAT DE BARCELONA; HOSPITAL SANT JOAN DE DEU
2021347611	ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWERIES, LTD.
2021348877	SANIONA A/S
2021350333	B-HIVE INNOVATIONS LIMITED
2021350502	APRILBIO CO., LTD.
2021352174	AXICLE, INC
2021355525	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
2021356435	NIHON SHOKUHN KAKO CO., LTD.
2021356474	SANOBI BIOTECHNOLOGY; REGENERON PHARMACEUTICALS, INC.
2021357078	MACFARLANE BURNET INSTITUTE FOR MEDICAL RESEARCH AND PUBLIC HEALTH LIMITED
2021358139	ENERTECHNOS LIMITED
2021358444	DEPUY SYNTHES PRODUCTS, INC.
2021358478	JOHNSON OUTDOORS INC.
2021358918	OSPEDALE SAN RAFFAELE S.R.L.; Fondazione Telethon ETS
2021359781	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2021360477	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.; HAIER US APPLIANCE SOLUTIONS, INC.
2021362932	NIKANG THERAPEUTICS, INC.
2021364337	ASHER BIOTHERAPEUTICS, INC.
2021364387	SCINTACOR LIMITED; PRECISION X-RAY, INC.
2021365508	HAN, H.; ZHOU, X.
2021365528	ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWERIES, LTD.
2021366749	MERCK PATENT GMBH
2021367820	NAVIN SAXENA RESEARCH & TECHNOLOGY PVT. LTD.
2021368261	KYMAB LIMITED
2021369450	

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2021369507 KITE PHARMA, INC.
 2021369566 VISUS THERAPEUTICS, INC.
 2021370162 DUTCH WAVE POWER B.V.
 2021370625 NEPTUNE BIOSCIENCES LLC; KILLEEN, N.; BE-SKE, O.; VOLLRATH, B.K.; GOVINDARAJAN, S.
 2021372717 THALES
 2021373228 KARP, O.
 2021376057 SBIOMEDICS
 2021376428 RUST-OLEUM CORPORATION
 2021376536 360 HIP SYSTEMS PTY LIMITED
 2021376837 F. HOFFMANN-LA ROCHE AG
 2021377422 DEYI PHARMACEUTICAL LTD.
 2021378415 WESTINGHOUSE ELECTRIC COMPANY LLC
 2021378806 HANWHA AZDEL, INC.
 2021378938 FAIRLIFE, LLC
 2021379563 ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY
 2021379607 CHEVRON U.S.A. INC.
 2021380728 SIGVARIS AG
 2021382875 MICROCAPS AG
 2021384061 MPOWER HEALTH MANAGEMENT PTY LTD
 2021388768 IFP ENERGIES NOUVELLES
 2021388803 CAPSUGEL BELGIUM NV
 2021391068 MOMENTUM TECHNOLOGIES AS
 2021391289 DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
 2021391736 PRODUITS DENTAIRE PIERRE ROLLAND
 2021392642 THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
 2021392648 BP CORPORATION NORTH AMERICA INC.
 2021393513 ARCUTIS BIOTHERAPEUTICS, INC.
 2021394892 ZHEJIANG SUPOR ELECTRICAL APPLIANCES MANUFACTURING CO., LTD.
 2021397439 NOVARTIS AG
 2021397809 COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; GRAINS RESEARCH AND DEVELOPMENT CORPORATION
 2021399966 CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITÉ PARIS CITÉ; YSLAB
 2021400317 DENALI THERAPEUTICS INC.
 2021400413 OKTA, INC.
 2021400533 HANWHA SOLUTIONS CORPORATION
 2021400667 ITRON, INC.
 2021400729 AXINE WATER TECHNOLOGIES INC.
 2021400817 SMARTPAK EQUINE LLC
 2021400944 ELI LILLY AND COMPANY
 2021401298 Kaz Europe Sàrl
 2021401791 QUANTUM-SI INCORPORATED
 2021403497 TECHNISCHE UNIVERSITÄT BERGAKADEMIE FREIBERG
 2021404974 PFIZER INC.
 2021405127 FUJIFILM Corporation; PDRadiopharma Inc.; Advanced Accelerator Applications International SA; Novartis AG; Advanced Accelerator Applications (Italy) Srl
 2021405284 SMARTCONE TECHNOLOGIES INC.
 2021406069 TOPSOE A/S
 2021407138 SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD.; SHANGHAI SENHUI MEDICINE CO., LTD.; JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.
 2021407403 DIASET PRODUCTS LTD.
 2021409546 BIOGEN MA INC.
 2021410048 QUALCOMM INCORPORATED
 2021411581 NOVAROCK BIOTHERAPEUTICS, LTD.
 2021411704 IFP ENERGIES NOUVELLES; REPSOL S.A.
 2021413224 DURACELL U.S. OPERATIONS, INC.
 2021414145 VIRSEC SYSTEMS, INC.
 2021414215 REGENERON PHARMACEUTICALS, INC.
 2021414396 BONEARMED S.R.L.
 2021414750 KUBOTA CORPORATION
 2021416740 ALCON INC.

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2021423930 CI, Q.
 2022202555 iRepertoire, Inc.
 2022207164 BEGHIN MEIJ; TEREOS STARCH & SWEETENERS EUROPE
 2022207836 SAMSUNG ELECTRONICS CO., LTD.
 2022208045 THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
 2022212601 SANIFIT THERAPEUTICS, S.A.
 2022214462 VALENT BIOSCIENCES LLC
 2022302837 GI BIOME INC.
 2023342455 SAINT-GOBAIN ISOVER
 2023352901 PARADIGM PERFORMANCE APPAREL LIMITED
 2024201762 Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
 2025200630 Merck Sharp & Dohme LLC
 2025201699 Alcresta Therapeutics, Inc.
 2025201712 Arla Foods AmbA
 2025201764 Abbott Diabetes Care Inc.