



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

CQMS Pty Ltd v ESCO Group LLC [2024] APO 40

Patent Application: 2018201714

Title: Wear part monitoring

Patent Applicant: ESCO Group LLC

Opponent: CQMS Pty Ltd

Delegate: Greg Powell

Decision Date: 27 September 2024

Hearing Date: 6 March 2024, via Video Conference

Catchwords: **PATENTS** – opposition to the grant of the patent under s 59 – novelty – no “clear and unmistakable directions” – claims have novelty – inventive step – motivation can only be supplied with hindsight – claims are inventive – support – claims encompass within them subject matter which is not, or clearly beyond what is, the technical contribution disclosed or define a materially different invention – claims not supported – clear enough and complete enough disclosure – description does not enable all things that fall within the scope of the claims – no clear enough and complete enough disclosure – utility – required features to achieve promise of the invention missing – claims lack utility – subsection 60(3) – opposition successful – opportunity to amend – costs awarded

Representation: Counsel for the applicant: Tom Cordiner KC
Patent attorney for the applicant: Shyama Jayaswal and Rebecca Dutkowski of Minter Ellison, Wayne McMaster, Intellectual property counsel
Counsel for the opponent: Amy Surkis
Patent attorney for the opponent: Alexia Mayer of James & Wells Intellectual Property

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 24 Sep 2024 .

(71) Advanced Fuel Innovation (21) 2024903140 (22) 30.09.2024 (54) System and Method for Scalable Conversion of Lignocellulosic Biomass and Plastic Waste into High-Value Carbon Materials via Chemical Vapour Deposition	(71) Burroughs, R. (21) 2024903123 (22) 27.09.2024 (54) Method and Composition for Rendering Paved Surfaces with an Adjustable Beach-Like Finish	(71) Cheng, W. (21) 2024903089 (22) 25.09.2024 (54) A reusable holder and usage device for dental floss
(71) Agriculture Victoria Services Pty Ltd (21) 2024903154 (22) 30.09.2024 (54) METHODS OF DETECTING MYCOBACTERIUM AVIUM SUBSP. PARATUBERCULOSIS	(71) Bye, E. (21) 2024903138 (22) 30.09.2024 (54) Floating Magnetic Tenpin	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903084 (22) 25.09.2024 (54) Mechanism for providing compliance adjustment for a robot appendage
(71) Aquatain Technologies Pty Ltd (21) 2024903151 (22) 30.09.2024 (54) Anti-insect composition	(71) Callaghan, J. (21) 2024903104 (22) 26.09.2024 (54) Portable Cement Mixer Washout System	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903098 (22) 25.09.2024 (54) Biomarkers for paratuberculosis
(71) Australian National University (21) 2024903072 (22) 24.09.2024 (54) Modified proteins	(71) Callington Haven Pty Ltd (21) 2024903082 (22) 25.09.2024 (54) Disinsection device	(71) Coutsioucos, Z. (21) 2024903161 (22) 30.09.2024 (54) Double ended cigarette lighter, one end jet flame using gas, other end flint wheel flame. Built in LED light also caps at jet end to stand.
(71) Australian Wildlife Conservancy (21) 2024903133 (22) 27.09.2024 (54) Fauna SmartGate	(71) Canning, J. (21) 2024903110 (22) 26.09.2024 (54) IoT and b-IoT Connectivity Device	(71) Crathorne, F. (21) 2024903146 (22) 30.09.2024 (54) Crankbait Device
(71) BAF Efoils Pty Ltd (21) 2024903119 (22) 27.09.2024 (54) Hydrofoil Arrangement	(71) Caspen Industries Pty Ltd (21) 2024903088 (22) 25.09.2024 (54) CONNECTOR AND METHOD OF COMMUNICATION	(71) Delica Therapeutics Pty Ltd (21) 2024903091 (22) 25.09.2024 (54) Psilocybin, precursors and derivatives thereof
(71) Basson, H. (21) 2024903107 (22) 26.09.2024 (54) Automated Water Safety System with Distress Detection and Buoyancy Deployment	(71) Caspersz, D. (21) 2024903174 (22) 01.10.2024 (54) Illuminated Safety Helmets and Hats for sporting clubs	(71) Dipity Pty Ltd (21) 2024903085 (22) 25.09.2024 (54) Apparatus, system and method for brain monitoring
(71) BRD TRADING PTY LTD (21) 2024903136 (22) 29.09.2024 (54) A MODULAR LOCKER SYSTEM		(71) Ecoengineers Pty Ltd (21) 2024903164 (22) 01.10.2024 (54) Acid Leach Process for Ferronickel Slag

Provisional Applications Filed - Name Index cont'd

(71) EcoGlow Solutions Pty Ltd
(21) 2024903090 (22) 25.09.2024
(54) WATER TREATMENT DEVICE

(71) El Hajj, H.
(21) 2024903158 (22) 30.09.2024
(54) Home security device with all the necessary accessories to protect a property from thieves, and or to deter intruders, using the sound of a barking dog (tailored to every home and with the choice of dogs). Including sound systems, some for indoor and some for outdoor. Things vary from home to home.

(71) EPREP PTY LTD
(21) 2024903127 (22) 27.09.2024
(54) Controlled Solvent Atomisation and Vortexing to Enable Fully Automated Liquid-Liquid Extraction using Robotic Driven Syringes

(71) Everlon & Co Pty Ltd
(21) 2024903093 (22) 25.09.2024
(54) A MOUNTING STRUCTURE FOR A MEMORIAL PLAQUE

(71) Exergen Pty Ltd
(21) 2024903156 (22) 30.09.2024
(54) A GRANULATED FERTILISER

(71) FOUNDRY PTY LTD
(21) 2024903129 (22) 27.09.2024
(54) A FASTENER

(71) Freedman Electronics Pty Ltd
(21) 2024903078 (22) 24.09.2024
(54) SYSTEM, APPARATUS AND METHODS FOR PREVIEWING, INSPECTING, MIXING, AND RECORDING VIDEO CONTENT

(71) Fresh Air Tiling Solutions Pty Ltd
(21) 2024903117 (22) 27.09.2024
(54) DUST REDUCTION DEVICE FOR TILING

(71) Fresh Air Tiling Solutions Pty Ltd
(21) 2024903121 (22) 27.09.2024
(54) DUST REDUCTION DEVICE FOR TILING

(71) Gamma Logistics Pty Ltd
(21) 2024903145 (22) 30.09.2024
(54) A Vehicle for Transporting Bales of Compressed Material

(71) Gomez, I.
(21) 2024903150 (22) 30.09.2024
(54) SWiIFT Platform - Dynamic Asset and ZPEi-Driven Data Ecosystem

Goswami, A.V. see OSCORP ENERGY PROPRIETARY LIMITED
(21) 2024903159

(71) KCDC Hot Water Heaters
(21) 2024903137 (22) 29.09.2024
(54) ELECTRIC HOT WATER MICRO-TANK PREHEATER UNIT 2

(71) Laughlin, C.
(21) 2024903079 (22) 25.09.2024
(54) PROCESS TO NULLIFY GRAVITY

(71) Macquarie University
(21) 2024903147 (22) 30.09.2024
(54) PROTEINACEOUS MOLECULES AND USES THEREFOR

(71) MANSON ANCHORS LIMITED
(21) 2024903074 (22) 24.09.2024
(54) BOLLARD FOR RECEIVING AND SECURING ROPE

(71) MANSON ANCHORS LIMITED
(21) 2024903075 (22) 24.09.2024
(54) A BOLLARD FOR A HAWSER

(71) McMahan, S.
(21) 2024903118 (22) 27.09.2024
(54) Wearable Elastic Sleeping Bag

(71) McMahan, S.
(21) 2024903134 (22) 28.09.2024
(54) Wearable Elastic Sleeping Bag

(71) McNeill, J.
(21) 2024903080 (22) 20.09.2024
(54) FLIP 5

(71) McShane, T.
(21) 2024903142 (22) 30.09.2024
(54) RESPONSIVE TRAINING APPARATUS

(71) Minelab Electronics Pty. Limited
(21) 2024903067 (22) 24.09.2024
(54) DETECTOR CABLE

(71) MINETOMETAL PTY LTD
(21) 2024903097 (22) 25.09.2024
(54) Controlled liquor chemistry for chalcopyrite leaching

(71) Monash University
(21) 2024903112 (22) 26.09.2024
(54) Compositions and methods for up-regulating gene expression as a cellular therapy for blood disorders

(71) Moose Grip IP PTY LTD
(21) 2024903148 (22) 30.09.2024
(54) Moose Grip Brace

(71) MORSE MICRO PTY. LTD.
(21) 2024903101 (22) 26.09.2024
(54) Digital power amplifier with analogue clipping

(71) MORSE MICRO PTY. LTD.
(21) 2024903103 (22) 26.09.2024
(54) Clock generator with built-in clock divider gating logic

(71) Newcrest Mining Limited
(21) 2024903063 (22) 24.09.2024
(54) UNDERGROUND MINING

(71) NewSouth Innovations Pty Limited
(21) 2024903153 (22) 30.09.2024
(54) Conjugates

Ngatai, N. see Skaffies
(21) 2024903086

(71) Noroozi Family Trust
(21) 2024903087 (22) 25.09.2024
(54) Bus Wheelchair securement system

(71) Novalith Technologies Pty Ltd
(21) 2024903068 (22) 24.09.2024
(54) Use of high-boiling organic solvents for lithium carbonate extraction from silicates II

(71) Novalith Technologies Pty Ltd
(21) 2024903069 (22) 24.09.2024
(54) Aqueous-organic mixtures for lithium carbonate production II

(71) Novalith Technologies Pty Ltd
(21) 2024903070 (22) 24.09.2024
(54) Lithium carbonate production II

(71) NTHALMIC HOLDING PTY LTD; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.
(21) 2024903081 (22) 25.09.2024
(54) Smart Wearable Device To Treat Meibomian Gland Deficiencies

Provisional Applications Filed - Name Index cont'd

(71) O'Neill, S.
(21) 2024903155 (22) 30.09.2024
(54) Protective football sock

(71) Orica Explosives Technology Pty Ltd
(21) 2024903108 (22) 26.09.2024
(54) Method and Apparatus for Multi Deck Blasting

(71) Orica Explosives Technology Pty Ltd
(21) 2024903149 (22) 30.09.2024
(54) Devices, Systems and Methods

(71) OSCORP ENERGY PROPRIETARY LIMITED; Goswami, A.V.
(21) 2024903159 (22) 30.09.2024
(54) Autonomous AI-Driven Wireless Inductive System for Safe and Wireless Discharging and Energy Recovery of Lithium-Ion Batteries in Industrial Recycling Facilities

(71) Payne, L.
(21) 2024903152 (22) 30.09.2024
(54) ANTI-INSECT APPARATUS

(71) Powered Motion
(21) 2024903102 (22) 26.09.2024
(54) multiple stage reduction gearbox

(71) Puretech Environmental Solutions Pty Ltd
(21) 2024903131 (22) 27.09.2024
(54) WATER TREATMENT DEVICE

(71) Reed Advanced Materials Pty Ltd
(21) 2024903122 (22) 27.09.2024
(54) Recovery of Lithium from Brines

(71) RELECTRIFY HOLDINGS PTY LTD
(21) 2024903176 (22) 01.10.2024
(54) BATTERY SYSTEM

(71) ResMed Pty Ltd
(21) 2024903141 (22) 30.09.2024
(54) CUSHIONS FOR PATIENT INTER-FACES

(71) Rose, C.
(21) 2024903172 (22) 01.10.2024
(54) Radiant Heat Ignition Mitigation System for Building Openings

(71) Royal Melbourne Institute of Technology
(21) 2024903095 (22) 25.09.2024
(54) Photoactive Transistor Circuit Module

(71) S & A Potter Pty Ltd
(21) 2024903111 (22) 26.09.2024
(54) Device for hoist load stabilisation

(71) Schroedel, H.
(21) 2024903116 (22) 26.09.2024
(54) Intra Oral Camera (IOC) replaces Dentist Mirror

(71) SENSE2 PTY LTD
(21) 2024903163 (22) 01.10.2024
(54) Fabrication Method for Boron-Doped Diamond (BDD) Nanoscale Resistors and Interconnects with Applications in High-Performance Semiconductor, AI, and Photonic Devices

(71) SIROS SYSTEMS PTY LTD
(21) 2024903143 (22) 30.09.2024
(54) Sliding Ergo Chassis System

(71) Skaffies; Ngatai, N.
(21) 2024903086 (22) 25.09.2024
(54) Oki -Travel headrest cover, hands-free, mobile phone, and tablet holder.

(71) Sloan, S.
(21) 2024903096 (22) 25.09.2024
(54) Pet Sanitary Underpants

(71) Smart MCs Pty Ltd
(21) 2024903125 (22) 27.09.2024
(54) Microfluidic device and system utilising same

(71) Spray Nozzle Engineering Pty Ltd
(21) 2024903128 (22) 27.09.2024
(54) A Trolley

(71) STA Holdings Pty Ltd
(21) 2024903077 (22) 24.09.2024
(54) SPRING ARRANGEMENT

(71) Stephen Thomas Bayley
(21) 2024903100 (22) 26.09.2024
(54) Knife sharpener

(71) St Vincent's Hospital Sydney Limited
(21) 2024903083 (22) 25.09.2024
(54) Heart pump

(71) St Vincent's Hospital Sydney Limited
(21) 2024903106 (22) 26.09.2024
(54) Molecular assay for detecting lentivirus

(71) Sutton, J.
(21) 2024903109 (22) 26.09.2024
(54) Engine Assembly

(71) Swan Genomics Pty Ltd
(21) 2024903139 (22) 30.09.2024
(54) Fluorescence enhancement using quenchers

(71) Swinburne University of Technology
(21) 2024903092 (22) 25.09.2024
(54) Lattice Structure for Furniture and Apparel and Springs Lattice Structure for Furniture and Apparel and Springs

(71) THE DECOR CORPORATION PTY LTD
(21) 2024903115 (22) 26.09.2024
(54) Bottle Closure

(71) The University of Queensland
(21) 2024903130 (22) 27.09.2024
(54) Polyhydroxyalkanoates

(71) The University of Sydney
(21) 2024903124 (22) 27.09.2024
(54) Purification of carbon nanotubes

(71) Togley, J.
(21) 2024903144 (22) 30.09.2024
(54) Reversible multipurpose cover

(71) UCAN OSTOMY SYSTEMS PTY LTD
(21) 2024903135 (22) 29.09.2024
(54) Biodegradable Materials

(71) University of Newcastle
(21) 2024903114 (22) 26.09.2024
(54) Preparation of a rigid supercapacitor electrode

(71) University of Technology Sydney
(21) 2024903120 (22) 27.09.2024
(54) Wireless rainfall sensor

(71) Veintech Pty Ltd
(21) 2024903094 (22) 25.09.2024
(54) A HAND HELD VESSEL VISUALISATION DEVICE

(71) Veintech Pty Ltd
(21) 2024903132 (22) 27.09.2024
(54) A PORTABLE ULTRASOUND DEVICE AND A METHOD FOR ITS OPERATION

(71) WGSL Group Pty Ltd
(21) 2024903160 (22) 30.09.2024
(54) Centralised Food Safety & Traceability Data Compliance Management Process

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(71) WHITEBITE GROUP PTY LTD
(21) 2024903126 (22) 27.09.2024
(54) Weightlifting collar

(71) WIREMAN PTY LIMITED
(21) 2024903105 (22) 26.09.2024
(54) A Tension Board Arrangement

(71) Workspo
(21) 2024903157 (22) 30.09.2024
(54) Digital Link Sharing for Transparency

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(21) 2024903081

(71) Ziltek Pty Ltd
(21) 2024903113 (22) 26.09.2024
(54) COAL DUST MONITORING METHOD AND SYSTEM

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2024903070	Novalith Technologies Pty Ltd	2024903139	Swan Genomics Pty Ltd
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2024903094	Veintech Pty Ltd	2024903160	WGSL Group Pty Ltd
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2024903121	Fresh Air Tiling Solutions Pty Ltd		
2024903122	Reed Advanced Materials Pty Ltd		
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2024903129	FOUNDRI PTY LTD		
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Applications listed below were processed through the Patent Office Canberra during the period ending 24 Sep 2024 .

. (*) Title not in Roman characters

. (**) Title not given

(71) 2724889 Ontario, Inc. (21) 2024220158 (22) 27.09.2024 (54) MODULAR FURNITURE SYSTEM	(54) MULTIFOCAL LENS HAVING REDUCED CHROMATIC ABERRATIONS	(71) Aristocrat Technologies Australia Pty Limited (21) 2024220206 (22) 30.09.2024 (54) A GAMING SYSTEM IN WHICH SKILL LEVEL IS DETERMINED AND USED TO VARY GAME PLAY DIFFICULTY
(71) 2724889 Ontario, Inc. (21) 2024220164 (22) 27.09.2024 (54) MODULAR FURNITURE SYSTEM	(71) ALI-VICE LIMITED (21) 2024220123 (22) 26.09.2024 (54) REMOVABLE CLADDING SYSTEM	(71) Aristocrat Technologies Australia Pty Limited (21) 2024223973 (22) 30.09.2024 (54) Gaming System and Gaming Machine with Base Game Wheel Bonus Accumulation
(71) 4D Molecular Therapeutics Inc. (21) 2024220028 (22) 24.09.2024 (54) Adeno-Associated Virus Variant Capsids And Use For Inhibiting Angiogenesis	(71) Alteogen, Inc (21) 2024220188 (22) 27.09.2024 (54) METHOD FOR PRODUCING RECOMBINANT HYALURONIDASE	(71) Artled Technology Corp. (21) 2024220139 (22) 26.09.2024 (54) RETRACTABLE BOLLARD LIGHT
(71) 8 Rivers Capital, LLC (21) 2024220133 (22) 26.09.2024 (54) Systems and methods for power production with integrated production of hydrogen	(71) American Sterilizer Company (21) 2024220120 (22) 26.09.2024 (54) Liquid sporulation method and sporulation broth	(71) AstraZeneca AB (21) 2024220121 (22) 26.09.2024 (54) Pharmaceutical compositions comprising (2S)-N-((1S)-1-cyano-2-[4-(3-methyl-2-oxo-2,3-dihydro-1,3-benzoxazol-5-yl)phenyl]ethyl)-1,4-oxazepane-2-carboxamide
(71) Ablynx NV; Merck Patent GmbH (21) 2024223986 (22) 30.09.2024 (54) Aggrecan binding immunoglobulins	(71) ARB Corporation Ltd (21) 2024223988 (22) 30.09.2024 (54) Bumper assembly for a vehicle	(71) Asynagro Company Limited (21) 2024220190 (22) 27.09.2024 (54) Preparation Method For Pyroxasulfone
(71) Acer Incorporated (21) 2024220099 (22) 26.09.2024 (54) Method and communication device for handling a communication with a serving cell	(71) ARB LABS INC. (21) 2024220109 (22) 26.09.2024 (54) SYSTEMS, METHODS AND DEVICES FOR MONITORING BETTING ACTIVITIES	(71) Atlam Holdings Pty Ltd (21) 2024220118 (22) 26.09.2024 (54) A backpack vacuum cleaner
(71) Adama Agan Ltd. (21) 2024220090 (22) 26.09.2024 (54) Stable phytoene desaturase inhibitor herbicide formulation	(71) Aristocrat Technologies, Inc. (21) 2024220095 (22) 26.09.2024 (54) PLAYER MANAGEMENT SYSTEM AND METHOD WITH INTEROPERABILITY IN CASINO ENVIRONMENTS	(71) AXSOME THERAPEUTICS, INC. (21) 2024220054 (22) 25.09.2024 (54) Pharmaceutical compositions comprising meloxicam
(71) AFINITI, LTD. (21) 2024220136 (22) 26.09.2024 (54) Techniques for data matching in a contact center system	(71) Aristocrat Technologies, Inc. (21) 2024220097 (22) 26.09.2024 (54) CASINO PAYMENT SYSTEM AND METHOD WITH INTEROPERABILITY IN CASINO ENVIRONMENTS	(71) Barrott, R.; Grantham, J. (21) 2024220044 (22) 25.09.2024 (54) RETRACTABLE WHEEL ASSEMBLY
(71) Aizoon S.r.l. (21) 2024220045 (22) 25.09.2024 (54) METHOD FOR DETECTING PHISHING ATTACKS, AND CORRESPONDING SYSTEM AND COMPUTER PROGRAM PRODUCT	(71) Aristocrat Technologies, Inc. (21) 2024220189 (22) 27.09.2024 (54) PERSISTENT MOVING SYMBOLS	(71) BASF Agro B.V. (21) 2024223987 (22) 30.09.2024 (54) Plants having increased tolerance to herbicides
(71) Alcon Inc. (21) 2024220166 (22) 27.09.2024		(71) Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft (21) 2024220178 (22) 27.09.2024

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(54) Antibody drug conjugates (ADCs) having enzymatically cleavable groups

(71) Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft

(21) 2024220179 (22) 27.09.2024

(54) Antibody drug conjugates (ADCs) having enzymatically cleavable groups

Bayer Pharma Aktiengesellschaft see Bayer Aktiengesellschaft

(21) 2024220178

Bayer Pharma Aktiengesellschaft see Bayer Aktiengesellschaft

(21) 2024220179

(71) Becton, Dickinson and Company

(21) 2024220213 (22) 30.09.2024

(54) Automated sample preparation system for diagnostic testing of same

(71) Bedgear, LLC

(21) 2024220172 (22) 27.09.2024

(54) PILLOWCASES

(71) Beijing Inno Medicine Co., Ltd

(21) 2024223989 (22) 30.09.2024

(54) Liposomal nanocarrier delivery system for targeting active CD44 molecule, preparation method therefor, and uses thereof

(71) Beijing University of Chemical Technology; Red Avenue New Materials Group Co., Ltd.

(21) 2024220177 (22) 27.09.2024

(54) Butenediol-based polyester elastomer and preparation method

(71) BLITZ SYSTEMS PTY LTD

(21) 2024223980 (22) 30.09.2024

(54) Support Structure & Assembly

(71) Boston Scientific Scimed, Inc.

(21) 2024220119 (22) 26.09.2024

(54) Device, systems, and methods for grasping tissue at a muscular level

(71) BREAS MEDICAL PTY LTD

(21) 2024220152 (22) 27.09.2024

(54) A MASK FOR DELIVERING PRESURISED AIR TO A USER

(71) Brien Holden Vision Institute Limited

(21) 2024220073 (22) 25.09.2024

(54) Ophthalmic optical lens for vision correction having one or more areas of more positive power

(71) ByHeart, Inc.

(21) 2024220114 (22) 26.09.2024

(54) Formulations for nutritional support in subjects in need thereof

(71) Cactus Wellhead, LLC

(21) 2024220165 (22) 27.09.2024

(54) Casing string rotation systems and methods

(71) Canon Kabushiki Kaisha

(21) 2024220176 (22) 27.09.2024

(54) Developer supply container and developer supplying system

(71) Cargill, Incorporated

(21) 2024220217 (22) 30.09.2024

(54) Reduced emulsifier or emulsifier-free chocolate

(71) Caterpillar Underground Mining Pty. Ltd.

(21) 2024220059 (22) 25.09.2024

(54) POWER SYSTEM FOR WORK MACHINES

(71) Caterpillar Underground Mining Pty. Ltd.

(21) 2024220060 (22) 25.09.2024

(54) UNDERGROUND HAUL TRUCK

(71) Caterpillar Underground Mining Pty. Ltd.

(21) 2024220061 (22) 25.09.2024

(54) SYSTEMS AND METHODS FOR OPERATING A CONTROLLER AREA NETWORK

(71) Caterpillar Underground Mining Pty. Ltd.

(21) 2024220062 (22) 25.09.2024

(54) BATTERY SWAPPING CONTROL SYSTEM FOR MOBILE ELECTRIC MACHINE

(71) Caterpillar Underground Mining Pty. Ltd.

(21) 2024220063 (22) 25.09.2024

(54) SELF-CONTAINED POWER UNIT FOR A WORK MACHINE

(71) Caterpillar Underground Mining Pty. Ltd.

(21) 2024220064 (22) 25.09.2024

(54) POWER UNIT REPLACEMENT SYSTEM FOR A WORK MACHINE

(71) Caterpillar Underground Mining Pty. Ltd.

(21) 2024220065 (22) 25.09.2024

(54) SYSTEMS AND METHODS FOR COOLING A SECONDARY BATTERY USED FOR UNDERGROUND MINING MACHINES

(71) CCC Information Services

(21) 2024220071 (22) 25.09.2024

(54) Driver assist design analysis system

(71) CDE Global Limited

(21) 2024223978 (22) 30.09.2024

(54) METHOD AND APPARATUS FOR WASHING AND GRADING SAND

(71) Centripetal Limited

(21) 2024220182 (22) 27.09.2024

(54) Methods and systems for efficient virtualization of inline transparent computer networking devices

(71) Changchun Meihe Science and Technology Development Co., Ltd.

(21) 2024220215 (22) 30.09.2024

(54) Method For Refining Bio-based Propylene Glycol

(71) Chibi, Inc.

(21) 2024220033 (22) 24.09.2024

(54) Liquid depot for non-invasive sustained delivery of agents to the eye

(71) China Pharmaceutical University

(21) 2024220186 (22) 27.09.2024

(54) CONSTRUCTION AND APPLICATION OF ENHANCED NEUTROPHIL DRUG

China Railway Resources Group Co., Ltd see Hunan Research Institute for Nonferrous Metals Co., Ltd.

(21) 2024220036

(71) Chinese Research Academy of Environmental Sciences

(21) 2024224002 (22) 30.09.2024

(54) SWMM and EFDC coupling model-based regulation and storage project environmental effect assessment method and device

(71) CO2 SOLVED, LLC

(21) 2024220093 (22) 26.09.2024

(54) COMPOSITIONS AND METHODS FOR ENHANCED CO2 CAPTURE AND STORAGE

(71) ConocoPhillips Company

(21) 2024223999 (22) 30.09.2024

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(54) Low frequency das well interference evaluation

(71) Corcept Therapeutics Incorporated
(21) 2024220125 (22) 26.09.2024

(54) QUATERNARY INDAZOLE GLUCOCORTICOID RECEPTOR ANTAGONISTS

(71) Crown Equipment Corporation
(21) 2024223990 (22) 30.09.2024
(54) SYSTEMS AND METHODS FOR WAREHOUSE ENVIRONMENT SPEED ZONE MANAGEMENT

(71) Daiichi Sankyo Company, Limited
(21) 2024219973 (22) 23.09.2024
(54) ANTIBODY-PYRROLOBENZODIAZEPINE DERIVATIVE CONJUGATE

(71) Dalian GeoTrans Technology Co., Ltd.
(21) 2024220108 (22) 26.09.2024
(54) ADDITIVE FOR SPUNBOND NONWOVEN GEOTEXTILE AND GEOTEXTILE

(71) Dalton, J.
(21) 2024220199 (22) 29.09.2024
(54) Hole Finder

(71) Deere & Company
(21) 2024220086 (22) 26.09.2024
(54) Methods and apparatus to generate automated agricultural vehicle paths

(71) Deere & Company
(21) 2024226885 (22) 01.10.2024
(54) Reconfigurable grading blade attachment with a stabilizer wheel assembly on a work machine

(71) DEKA Products Limited Partnership
(21) 2024220053 (22) 25.09.2024
(54) System and method for free space estimation

(71) DEKA Products Limited Partnership
(21) 2024220104 (22) 26.09.2024
(54) SYSTEMS, METHODS, AND APPARATUS FOR PRODUCING AND PACKAGING FLUIDS

(71) Devico AS
(21) 2024224009 (22) 01.10.2024
(54) Flexible Coupling Arrangement for Directional Drilling System

(71) Dracoterpin Biomedicine LLC
(21) 2024220168 (22) 27.09.2024

(54) HUMAN INTERLEUKIN-2 VARIANT AND USE THEREOF

(71) Electrocore, Inc.
(21) 2024220154 (22) 27.09.2024
(54) Systems and methods for initial provisioning and refilling of medical devices

(71) Encore Medical, L.P.
(21) 2024220149 (22) 27.09.2024
(54) Registration tools and associated systems and methods

(71) Envisics Ltd
(21) 2024223974 (22) 30.09.2024
(54) Hologram calculation method

EQUIFAX, INC. see FIDELITY INFORMATION SERVICES, LLC
(21) 2024220216

(71) Equinix, Inc.
(21) 2024220069 (22) 25.09.2024
(54) Virtual gateways in a cloud exchange

(71) ESKA Lederhandschuhfabrik Ges.m.b.H. & Co.KG
(21) 2024220140 (22) 26.09.2024
(54) Gripping element and heat-resistant glove with a gripping element

(71) Exel Industries
(21) 2024220050 (22) 25.09.2024
(54) Agricultural spraying system using a flushing liquid as active product carrier liquid

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(21) 2024220051

(71) FIDELITY INFORMATION SERVICES, LLC; EQUIFAX, INC.
(21) 2024220216 (22) 30.09.2024
(54) CONFIRMING AUTHENTICITY OF A USER TO A THIRD-PARTY SYSTEM

(71) Fisher & Paykel Healthcare Limited
(21) 2024220042 (22) 25.09.2024
(54) Humidification system

(71) Fisher & Paykel Healthcare Limited
(21) 2024220173 (22) 27.09.2024
(54) PRESSURE CONTROLLED EXHAUST VENT

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024223968 (22) 30.09.2024

(54) BREATHING ASSISTANCE APPARATUS

(71) Freeport Minerals Corporation
(21) 2024220161 (22) 27.09.2024
(54) System and method for adjusting leaching operations based on leach analytic data

(71) Freeport Minerals Corporation
(21) 2024220162 (22) 27.09.2024
(54) Chemical impacts on a leach stockpile

(71) Freeport Minerals Corporation
(21) 2024220174 (22) 27.09.2024
(54) Systems and methods for improved raffinate injection

(71) Garcia-Preedy, N.
(21) 2024220203 (22) 29.09.2024
(54) Protective cover for external body tubing "KozyKath"

(71) GBIP Pty Ltd
(21) 2024224007 (22) 30.09.2024
(54) AWNING SYSTEM

(71) GBT Travel Services UK Ltd
(21) 2024220072 (22) 25.09.2024
(54) GENERATING CONSOLIDATED TRAVEL RECORDS FROM DISTINCT FORMATS

(71) GBT Travel Services UK Ltd
(21) 2024220075 (22) 25.09.2024
(54) INTEGRATION OF MULTIPLE ELECTRONIC RECORDS

(71) GC Corporation; Ishikawa, K.
(21) 2024220156 (22) 27.09.2024
(54) Medical honeycomb structure and manufacturing method thereof, medical tissue reconstruction bag, and forming mold

(71) GenesisCare Ventures Pty Ltd
(21) 2024223975 (22) 30.09.2024
(54) Method for treating cancerous and precancerous skin

(71) Genzyme Corporation
(21) 2024224000 (22) 30.09.2024
(54) Anti-complement factor BB antibodies and uses thereof

(71) Geomni, Inc.
(21) 2024220107 (22) 26.09.2024
(54) System and method for mission planning, flight automation, and capturing of

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high-resolution images by unmanned aircraft

(71) Geomni, Inc.
(21) 2024220113 (22) 26.09.2024
(54) Computer vision systems and methods for end to end image inspection

(71) Geo-Pro-Teq IP Pty Ltd
(21) 2024220171 (22) 27.09.2024
(54) A COMPUTER SYSTEM AND A COMPUTER IMPLEMENTED METHOD FOR PROCESSING GAMING DATA

(71) Geo-Pro-Teq IP Pty Ltd
(21) 2024220175 (22) 27.09.2024
(54) A COMPUTER SYSTEM AND A COMPUTER IMPLEMENTED METHOD FOR PROCESSING GAMING DATA

(71) GeoToll, Inc.
(21) 2024220077 (22) 25.09.2024
(54) HIGH ACCURACY GEO-LOCATION SYSTEM AND METHOD FOR MOBILE PAYMENT

(71) GIANNI INDUSTRIES INC.
(21) 2024223984 (22) 30.09.2024
(54) MONITORING DEVICE FOR USE WITH ENTRY ACCESS CONTROL EQUIPMENT

(71) GILEAD SCIENCES, INC.
(21) 2024223997 (22) 30.09.2024
(54) SUBSTITUTED PYRIDOTRIAZINE COMPOUNDS AND USES THEREOF

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(21) 2024220044

(71) Gritstone Bio, Inc.
(21) 2024220070 (22) 25.09.2024
(54) Neoantigen identification with pan-allele models

(71) Grüenthal GmbH
(21) 2024223976 (22) 30.09.2024
(54) Salts or co-crystals of 3-(3-dimethyl-amino-1-ethyl-2-methyl-propyl)-phenol

(71) GULLACI, J.
(21) 2024227038 (22) 01.10.2024
(54) Detent plug for utility line installation

(71) Hadleigh Innovations Pty Ltd
(21) 2024223981 (22) 30.09.2024
(54) APPARATUS AND METHOD FOR ASSISTED INSTALLATION OF A MOUNTING FLANGE

(71) Halliburton Energy Services, Inc.
(21) 2024223982 (22) 30.09.2024
(54) Minimize trapped fluid impact on expandable liner hangers in geothermal applications

(71) Halliburton Energy Services, Inc.
(21) 2024223983 (22) 30.09.2024
(54) Minimize trapped fluid impact on expandable liner hangers in geothermal applications

(71) Hawthorne Holdings Pty Ltd
(21) 2024223979 (22) 30.09.2024
(54) PIPE SUPPORT

(71) Howmedica Osteonics Corp.
(21) 2024220142 (22) 27.09.2024
(54) Offset resurfacing head for ball and socket joint

(71) Huawei Technologies Co., Ltd.
(21) 2024220057 (22) 25.09.2024
(54) CHANNEL ACCESS METHOD FOR MULTI-LINK DEVICE AND RELATED APPARATUS

(71) Huawei Technologies Co., Ltd.
(21) 2024220058 (22) 25.09.2024
(54) INFORMATION TRANSMISSION METHOD, COMMUNICATION APPARATUS, COMPUTER-READABLE STORAGE MEDIUM, AND CHIP

(71) Huawei Technologies Co., Ltd.
(21) 2024223969 (22) 30.09.2024
(54) STR CAPABILITY INDICATION METHOD AND RELATED APPARATUS

(71) Hunan Research Institute for Nonferrous Metals Co, Ltd.; China Railway Resources Group Co., Ltd
(21) 2024220036 (22) 25.09.2024
(54) Use of ammonium fluoride as activator and alkylamide as collector in flotation of copper oxide ore and flotation method

(71) igus GmbH
(21) 2024220087 (22) 26.09.2024
(54) Device for supplying a consumer

(71) Illinois Tool Works Inc.
(21) 2024220210 (22) 30.09.2024
(54) Floating connection between a structural member and a wall member in a building structure

(71) Illumina Cambridge Limited
(21) 2024220146 (22) 27.09.2024
(54) Methods and compositions for preparing sequencing libraries

(71) Imtrade Australia Pty Ltd
(21) 2024220048 (22) 25.09.2024
(54) Pesticide formulation comprising diafenthuiuron

(71) Inovio Pharmaceuticals, Inc.
(21) 2024220112 (22) 26.09.2024
(54) Vacuum-assisted electroporation devices, and related systems and methods

(71) Inp Pipe Pro LLC
(21) 2024220030 (22) 24.09.2024
(54) Stud isolator with nail protection and optional sound abatement

Institute for Research in Biomedicine see University of Washington
(21) 2024220089

(71) Intellia Therapeutics, Inc.
(21) 2024224004 (22) 30.09.2024
(54) Formulations

(71) INTERNATIONAL CURRENCY TECHNOLOGIES CORPORATION
(21) 2024220134 (22) 26.09.2024
(54) IMPROVED STRUCTURE OF COIN CHANGER

Ishikawa, K. see GC Corporation
(21) 2024220156

(71) Jetti Resources, LLC
(21) 2024220023 (22) 24.09.2024
(54) Extracting base metals using a wetting agent and a thiocarbonyl functional group reagent

(71) Jetti Resources, LLC
(21) 2024220218 (22) 30.09.2024
(54) Extraction of base metals using carbonaceous matter and a thiocarbonyl functional group reagent

(71) Jinhua Jianxun Technology Co., Ltd
(21) 2024220153 (22) 27.09.2024
(54) WALL-MOUNTED CLEANER

(71) Kawak Aviation Technologies, Inc.
(21) 2024220191 (22) 27.09.2024
(54) Aerial Fire-Fighting Bucket Actuation Systems

Complete Applications Filed - Name Index cont'd

(71) Krystal Biotech, Inc.
(21) 2024220105 (22) 26.09.2024
(54) Compositions and methods for the treatment of autosomal recessive congenital ichthyosis

(71) Krystal Biotech, Inc.
(21) 2024220106 (22) 26.09.2024
(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF NETHER-TON SYNDROME

(71) Lavery, W.; Soden, M.
(21) 2024220084 (22) 25.09.2024
(54) JEWELLERY KEEPER

(71) Les Laboratories Servier
(21) 2024220102 (22) 26.09.2024
(54) Methods of treating brain tumors using combination therapy

(71) Leviant, Inc.
(21) 2024220169 (22) 27.09.2024
(54) Adaptive multivector illumination delivery system

(71) LG ELECTRONICS INC.
(21) 2024220110 (22) 26.09.2024
(54) Vacuum adiabatic body and refrigerator

(71) London School of Hygiene and Tropical Medicine; Wageningen Universiteit
(21) 2024224008 (22) 01.10.2024
(54) Mosquito attractants

(71) Lunit Inc.
(21) 2024220078 (22) 25.09.2024
(54) Method and system for artificial intelligence-based medical image analysis

(71) Lyndra Therapeutics, Inc.
(21) 2024221711 (22) 30.09.2024
(54) Gastric residence systems with release rate-modulating films

(71) Lynxsport GmbH
(21) 2024220101 (22) 26.09.2024
(54) Training and/or Amusement Device

(71) Macaluso, A.
(21) 2024223995 (22) 30.09.2024
(54) Methods and apparatus for powering a vehicle

(71) Mahfouz, M.
(21) 2024220066 (22) 25.09.2024
(54) Cross bone reconstruction and orthopedic implants

(71) Mangrove Water Technologies Ltd.
(21) 2024220043 (22) 25.09.2024
(54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES

(71) Mangrove Water Technologies Ltd.
(21) 2024220046 (22) 25.09.2024
(54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES

(71) Mangrove Water Technologies Ltd.
(21) 2024220049 (22) 25.09.2024
(54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES

(71) Manufacturing Systems Limited
(21) 2024220144 (22) 27.09.2024
(54) Apparatus and method of catalysis

(71) Medi USA, L.P.
(21) 2024227033 (22) 01.10.2024
(54) Compression garment assembly set, compression garment and method for assembling a compression garment

(71) Medtentia International Ltd Oy
(21) 2024220184 (22) 27.09.2024
(54) Medical System for Annuloplasty

(71) Mega Drain GP LLC
(21) 2024220022 (22) 24.09.2024
(54) Fluid collection system

(71) Memorial Sloan-Kettering Cancer Center
(21) 2024220100 (22) 26.09.2024
(54) Non-HLA restricted T cell receptors and uses thereof

Merck Patent GmbH see Ablynx NV
(21) 2024223986

(71) Merus N.V.
(21) 2024220074 (22) 25.09.2024
(54) Binding molecules that modulate a biological activity expressed by a cell

(71) MGI Tech Co., Ltd.
(21) 2024220122 (22) 26.09.2024
(54) FLUID LAYING METHOD

(71) Mobiltex Data Ltd.
(21) 2024220148 (22) 27.09.2024
(54) MODELS FOR PREDICTING RESISTANCE TRENDS

(71) Modern Flames, LLC
(21) 2024220160 (22) 27.09.2024
(54) Faux Fireplace With Variable Flame Speed

(71) Multiple Energy Technologies LLC
(21) 2024220147 (22) 27.09.2024
(54) Bioceramic and carbon-based hydroponic systems, methods and devices

(71) NearMap Australia Pty Ltd
(21) 2024220159 (22) 27.09.2024
(54) Fire risk determination

(71) NEWTEQ HOLDING B.V.
(21) 2024220024 (22) 24.09.2024
(54) An automated warehouse system for assembling mixed pallets in a warehouse and a method of assembling said mixed pallets

(71) NEWTEQ HOLDING B.V.
(21) 2024220025 (22) 24.09.2024
(54) A system for use in an automated warehouse and an item retrieval device to be used in said system

(71) NEWTEQ HOLDING B.V.
(21) 2024220027 (22) 24.09.2024
(54) A layer handling device for use in an automated warehouse

(71) Next2Sun GmbH
(21) 2024220040 (22) 25.09.2024
(54) PHOTOVOLTAIC SYSTEM AND ASSOCIATED USE

(71) Nextracker LLC
(21) 2024220068 (22) 25.09.2024
(54) Multiple Wall Connection Over Piers

(71) Niche Business Solutions Pty Ltd
(21) 2024220157 (22) 27.09.2024
(54) Exoskeleton

(71) North West Agriculture and Forestry University; Yangling Vocational and Technical College
(21) 2024220047 (22) 25.09.2024
(54) METHOD FOR IMPROVING ARTIFICIAL INSEMINATION EFFICIENCY OF DAIRY GOAT FROZEN SEMEN

(71) Novek, E.J.
(21) 2024220034 (22) 24.09.2024
(54) Systems And Methods For Active Cloud Point Adjustment And Refrigeration Cycles

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(71) Ohio State Innovation Foundation
(21) 2024220083 (22) 25.09.2024
(54) TISSUE FACTOR-TARGETING CAR-
NK AND CAR-T CELL THERAPY

(71) Omeros Corporation
(21) 2024223970 (22) 30.09.2024
(54) MASP-2 inhibitors and methods of use

(71) Omeros Corporation
(21) 2024223971 (22) 30.09.2024
(54) MASP-2 inhibitors and methods of use

(71) Omeros Corporation
(21) 2024223991 (22) 30.09.2024
(54) MASP-2 inhibitors and methods of use

(71) Outotec (Finland) Oy; Swiss Tower Mill
Minerals AG
(21) 2024220185 (22) 27.09.2024
(54) Improvements in grinding mills

(71) Panasonic Intellectual Property Man-
agement Co., Ltd.
(21) 2024220088 (22) 26.09.2024
(54) Heat pump unit, anomaly workaround
heating method, and non-volatile com-
puter-readable recording medium

(71) PELL Bio-Med Technology Co., Ltd.
(21) 2024220135 (22) 26.09.2024
(54) ISOLATED NUCLEIC ACID MO-
LECULE COMPRISING NKp30
TRANSMEMBRANE DOMAIN AND
CHIMERIC ANTIGEN RECEPTOR
COMPRISING THE SAME

(71) Pfanner Schutzbekleidung GmbH
(21) 2024220183 (22) 27.09.2024
(54) Warning system

(71) Pourasghar Tolombechi, B.
(21) 2024220041 (22) 25.09.2024
(54) Echocardiographic Stethoscope

(71) Precision Planting LLC
(21) 2024220181 (22) 27.09.2024
(54) AGRICULTURAL SAMPLING SYSTEM
AND RELATED METHODS

(71) President and Fellows of Harvard Col-
lege
(21) 2024220032 (22) 24.09.2024
(54) ELECTRICALLY CONDUCTIVE ANTI-
FOULING COATING COMPOSITION

(71) Progenics Pharmaceuticals, Inc.; Exini
Diagnostics AB
(21) 2024220051 (22) 25.09.2024

(54) SYSTEMS AND METHODS FOR RAP-
ID NEURAL NETWORK-BASED IM-
AGE SEGMENTATION AND RADIO-
PHARMACEUTICAL UPTAKE DE-
TERMINATION

(71) Prysmian S.p.A.
(21) 2024220052 (22) 25.09.2024
(54) Optical-fiber ribbon

(71) QEDMA Quantum Computing Ltd.
(21) 2024220132 (22) 26.09.2024
(54) Methods and systems for characteriz-
ation and calibration of a quantum pro-
cessor

(71) Qualcomm Incorporated
(21) 2024220037 (22) 25.09.2024
(54) RATE-MATCHING ACROSS DOWN-
LINK TRANSMISSION REPETITIONS
IN WIRELESS COMMUNICATIONS

(71) Raft Enterprises Ltd.
(21) 2024220141 (22) 27.09.2024
(54) Tissue scaffold

(71) Raptor Sports Pty Ltd
(21) 2024220145 (22) 27.09.2024
(54) Objects Containing Boron Nitride and
Methods of Manufacturing Same

Red Avenue New Materials Group Co., Ltd.
see Beijing University of Chemical Techno-
logy
(21) 2024220177

(71) REEF R&D Center Co., Ltd.
(21) 2024223967 (22) 30.09.2024
(54) FLOW RATE REDUCTION TYPE
SQUARE REEF BLOCK

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024220021 (22) 24.09.2024
(54) Methods of treating skin cancer by ad-
ministering a PD-1 inhibitor

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024220124 (22) 26.09.2024
(54) COMPOSITIONS AND METHODS
FOR MAKING ANTIBODIES BASED
ON USE OF EXPRESSION-ENHAN-
CING LOCI

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024220126 (22) 26.09.2024
(54) COMPOSITIONS AND METHODS
FOR MAKING ANTIBODIES BASED
ON USE OF AN EXPRESSION-EN-
HANCING LOCUS

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024220212 (22) 30.09.2024
(54) Treatment and inhibition of inflammat-
ory lung diseases in patients having risk
alleles in the genes encoding IL33 and
IL1RL1

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024220214 (22) 30.09.2024
(54) Treatment and inhibition of inflammat-
ory lung diseases in patients having risk
alleles in the genes encoding IL33 and
IL1RL1

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024223985 (22) 30.09.2024
(54) IN SITU RAMAN SPECTROSCOPY
SYSTEMS AND METHODS FOR CON-
TROLLING PROCESS VARIABLES IN
CELL CULTURES

(71) REGENERON PHARMACEUTICALS,
INC.
(21) 2024223996 (22) 30.09.2024
(54) Methods and systems for biotherapeut-
ic development

(71) Rinnai Corporation
(21) 2024220056 (22) 25.09.2024
(54) Facility equipment cooperation system

(71) Rite-Hite Holding Corporation
(21) 2024224005 (22) 30.09.2024
(54) Methods and Apparatus to Monitor and
Manage Loading Docks and Facility
Operations

(71) Roam Pty Ltd
(21) 2024220081 (22) 25.09.2024
(54) A MONOPOLE STRENGTHENING
SYSTEM

(71) Rosen IP AG
(21) 2024220204 (22) 30.09.2024
(54) METHOD FOR DETERMINING THE
GEOMETRY OF A DEFECT AND FOR
DETERMINING A LOAD LIMIT

(71) Safe Marine Transfer, LLC
(21) 2024224001 (22) 30.09.2024
(54) Subsea material delivery structure

(71) Sage Therapeutics, Inc.
(21) 2024220209 (22) 30.09.2024
(54) 9(11)-unsaturated neuroactive steroids
and their methods of use

(71) Sanofi Pasteur, Inc.
(21) 2024223993 (22) 30.09.2024
(54) Neisseria meningitidis vaccine

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(71) Sato Holdings Kabushiki Kaisha
(21) 2024220082 (22) 25.09.2024
(54) Information processing system, information processing method, and program management

(71) Schlumberger Technology B.V.
(21) 2024220211 (22) 30.09.2024
(54) Discrete perforating device

(71) Schneider Electric Industries SAS
(21) 2024223977 (22) 30.09.2024
(54) ELECTRONIC DEVICE AND METHOD FOR ASSISTING IN THE MONITORING OF AN ELECTRICAL CABINET, ELECTRICAL CURRENT DISTRIBUTION SYSTEM COMPRISING SUCH A DEVICE, AND ASSOCIATED COMPUTER PROGRAM

(71) Sciencons AS
(21) 2024220076 (22) 25.09.2024
(54) Production of highly purified 212Pb

(71) SENSE2 PTY LTD
(21) 2024220035 (22) 25.09.2024
(54) Boron-Doped Diamond Protonic Programmable Resistors for High-Performance Semiconductor Applications

(71) SENSE2 PTY LTD
(21) 2024220117 (22) 26.09.2024
(54) Nanoscale Protonic Programmable Resistors Utilizing Boron-Doped Diamond Structures with Optional Enhancements

(71) SENSE2 PTY LTD
(21) 2024220196 (22) 29.09.2024
(54) Method for Fabricating Boron-Doped Diamond Nanoscale Resistors and Interconnects Exhibiting Quantum Ballistic Proton Transport with Enhanced Scalability, Flexibility, and Long-Term Reliability for Advanced Semiconductor Technologies

(71) Sino Iron Holdings Pty Ltd
(21) 2024220116 (22) 26.09.2024
(54) A system for transferring a mineral fluid mixture

(71) Skechers U.S.A., Inc. II
(21) 2024223994 (22) 30.09.2024
(54) Footwear counter for easier entry and removal

(71) Snap-on Incorporated
(21) 2024220151 (22) 27.09.2024
(54) Hammer bit

(71) Société des Produits Nestlé S.A.
(21) 2024220180 (22) 27.09.2024
(54) Beverage preparation machine with capsule recognition

Soden, M. see Lavery, W.
(21) 2024220084

(71) Strong Force IoT Portfolio 2016, LLC.
(21) 2024220127 (22) 26.09.2024
(54) METHODS, SYSTEMS, KITS AND APPARATUS FOR MONITORING AND MANAGING INDUSTRIAL SETTINGS

(71) Survivon Ltd
(21) 2024220194 (22) 28.09.2024
(54) Textile with Pathogen Inhibiting Treatment

Swiss Tower Mill Minerals AG see Outotec (Finland) Oy
(21) 2024220185

(71) SYNGENTA CROP PROTECTION AG
(21) 2024220085 (22) 26.09.2024
(54) Herbicidal derivatives

(71) Syqe Medical Ltd.
(21) 2024220079 (22) 25.09.2024
(54) Method and System for controlling the delivery of active agents

(71) Takeda Vaccines, Inc.
(21) 2024220111 (22) 26.09.2024
(54) Dengue Vaccine Unit Dose And Administration Thereof

(71) Tan, B.
(21) 2024223992 (22) 30.09.2024
(54) Method for converting vehicle audio into surround sound and vehicle sound system

(71) Technological Resources Pty Ltd
(21) 2024220128 (22) 26.09.2024
(54) A system for, and a method of, controlling operation of a vehicle in a defined area

(71) Techtronic Cordless GP
(21) 2024220055 (22) 25.09.2024
(54) Portable vacuum cleaner

(71) TEMPUS AI, INC.
(21) 2024220192 (22) 28.09.2024
(54) METHODS AND SYSTEMS FOR DIS-EASE PHENOTYPING USING MUL-

TIMODAL EHR DATA AND WEAK SUPERVISION

(71) Tencent America LLC
(21) 2024220094 (22) 26.09.2024
(54) Signaling for reference picture resampling

(71) The Boeing Company
(21) 2024220129 (22) 26.09.2024
(54) Electrorheological shape retaining membrane

(71) The Brigham and Women's Hospital, Inc.
(21) 2024220131 (22) 26.09.2024
(54) METHODS AND COMPOSITIONS RELATING TO TREATMENT OF PULMONARY ARTERIAL HYPERTENSION

(71) The Regents of the University of California
(21) 2024220098 (22) 26.09.2024
(54) BIOREACTIVE COMPOSITIONS AND METHODS OF USE THEREOF

(71) ThermaSense Corp.
(21) 2024220195 (22) 28.09.2024
(54) APPARATUS, SYSTEMS, AND METHODS FOR NON-INVASIVE THERMAL INTERROGATION

(71) The Toro Company
(21) 2024220020 (22) 24.09.2024
(54) AUTONOMOUS MACHINE NAVIGATION AND TRAINING USING VISION SYSTEM

(71) Uipco, LLC
(21) 2024224006 (22) 30.09.2024
(54) Go-bag for emergency situations

(71) University of Virginia Patent Foundation
(21) 2024220080 (22) 25.09.2024
(54) Compositions and methods for treating eye infections and disease

(71) University of Washington; Institute for Research in Biomedicine
(21) 2024220089 (22) 26.09.2024
(54) Self-assembling protein nanostructures displaying paramyxovirus and/or pneumovirus F proteins and their use

(71) Valspar B.V.
(21) 2024220091 (22) 26.09.2024
(54) CANDY COLOR PAINT AND REFINISHING METHOD

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(71) Verathon Inc.
(21) 2024223998 (22) 30.09.2024
(54) Control mechanisms for articulatable
medical devices

(71) Verdict Holdings Pty Ltd
(21) 2024220150 (22) 27.09.2024
(54) METHODS FOR IDENTIFYING BIOLO-
GICAL MATERIAL BY MICROSCOPY

(71) Volvo Autonomous Solutions AB
(21) 2024222212 (22) 30.09.2024
(54) Adjusting operating parameters of
vehicles

(71) W. L. Gore & Associates, Inc.
(21) 2024220092 (22) 26.09.2024
(54) Improved electrochemical membrane

**Wageningen Universiteit see London
School of Hygiene and Tropical Medicine**
(21) 2024224008

(71) WANG, S.
(21) 2024220038 (22) 25.09.2024
(54) Moon-shaped Lock Cylinder whale lock

(71) Wisk Aero LLC
(21) 2024220103 (22) 26.09.2024
(54) Battery with selective phase change
features

(71) XEFCO PTY LTD
(21) 2024220193 (22) 28.09.2024
(54) Plasma coating with nanomaterial

**Yangling Vocational and Technical College
see North West Agriculture and Forestry
University**
(21) 2024220047

(71) ZADOK, Avinoam
(21) 2024220115 (22) 26.09.2024
(54) A RECONFIGURABLE WEB AND IM-
PLEMENTATIONS THEREFOR

(71) ZECO Australian Energy Solutions Pty
Ltd
(21) 2024220163 (22) 27.09.2024
(54) Load Control System

(71) Zhejiang Orient Gene Biotech Co., Ltd
(21) 2024220137 (22) 26.09.2024
(54) LOW RESIDUE SAMPLING MATERIAL
FOR SMALL MOLECULE DRUG DE-
TECTION AND USE OF THE SAME

(71) Zodiac Pool Systems LLC
(21) 2024220167 (22) 27.09.2024

(54) Mapping and tracking methods and
systems principally for use in connec-
tion with swimming pools and spas

(71) Zynerva Pharmaceuticals, Inc.
(21) 2024220039 (22) 25.09.2024
(54) Treatment of fragile X syndrome with
cannabidiol

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2024219973	Daiichi Sankyo Company, Limited	2024220089	University of Washington; Institute for Research in Bio-medicine
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2024220022	Mega Drain GP LLC	2024220092	W. L. Gore & Associates, Inc.
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2024220024	NEWTEQ HOLDING B.V.	2024220094	Tencent America LLC
2024220025	NEWTEQ HOLDING B.V.	2024220095	Aristocrat Technologies, Inc.
2024220027	NEWTEQ HOLDING B.V.	2024220096	Aristocrat Technologies, Inc.
2024220028	4D Molecular Therapeutics Inc.	2024220097	Aristocrat Technologies, Inc.
2024220030	Inp Pipe Pro LLC	2024220098	The Regents of the University of California
2024220032	President and Fellows of Harvard College	2024220099	Acer Incorporated
2024220033	Chibi, Inc.	2024220100	Memorial Sloan-Kettering Cancer Center
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2024220036	Hunan Research Institute for Nonferrous Metals Co, Ltd.; China Railway Resources Group Co., Ltd	2024220103	Wisk Aero LLC
2024220037	Qualcomm Incorporated	2024220104	DEKA Products Limited Partnership
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2024220039	Zynerba Pharmaceuticals, Inc.	2024220106	Krystal Biotech, Inc.
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2024220045	Aizoon S.r.l.	2024220112	Inovio Pharmaceuticals, Inc.
2024220046	Mangrove Water Technologies Ltd.	2024220113	Geomni, Inc.
2024220047	North West Agriculture and Forestry University; Yangling Vocational and Technical College	2024220114	ByHeart, Inc.
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2024220051	Progenics Pharmaceuticals, Inc.; Exini Diagnostics AB	2024220118	Atlam Holdings Pty Ltd
2024220052	Prysmian S.p.A.	2024220119	Boston Scientific Scimed, Inc.
2024220053	DEKA Products Limited Partnership	2024220120	American Sterilizer Company
2024220054	AXSOME THERAPEUTICS, INC.	2024220121	AstraZeneca AB
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2024220058	Huawei Technologies Co., Ltd.	2024220125	Corcept Therapeutics Incorporated
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2024220060	Caterpillar Underground Mining Pty. Ltd.	2024220127	Strong Force IoT Portfolio 2016, LLC.
2024220061	Caterpillar Underground Mining Pty. Ltd.	2024220128	Technological Resources Pty Ltd
2024220062	Caterpillar Underground Mining Pty. Ltd.	2024220129	The Boeing Company
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2024220160	Modern Flames, LLC	2024223984	GIANNI INDUSTRIES INC.
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2024220163	ZECO Australian Energy Solutions Pty Ltd	2024223987	BASF Agro B.V.
2024220164	2724889 Ontario, Inc.	2024223988	ARB Corporation Ltd
2024220165	Cactus Wellhead, LLC	2024223989	Beijing Inno Medicine Co., Ltd
2024220166	Alcon Inc.	2024223990	Crown Equipment Corporation
2024220167	Zodiac Pool Systems LLC	2024223991	Omeros Corporation
2024220168	Dracoterpin Biomedicine LLC	2024223992	Tan, B.
2024220169	Leviant, Inc.	2024223993	Sanofi Pasteur, Inc.
2024220171	Geo-Pro-Teq IP Pty Ltd	2024223994	Skechers U.S.A., Inc. II
2024220172	Bedgear, LLC	2024223995	Macaluso, A.
2024220173	Fisher & Paykel Healthcare Limited	2024223996	REGENERON PHARMACEUTICALS, INC.
2024220174	Freeport Minerals Corporation	2024223997	GILEAD SCIENCES, INC.
2024220175	Geo-Pro-Teq IP Pty Ltd	2024223998	Verathon Inc.
2024220176	Canon Kabushiki Kaisha	2024223999	ConocoPhillips Company
2024220177	Beijing University of Chemical Technology; Red Avenue New Materials Group Co., Ltd.	2024224000	Genzyme Corporation
2024220178	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft	2024224001	Safe Marine Transfer, LLC
2024220179	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft	2024224002	Chinese Research Academy of Environmental Sciences
2024220180	Société des Produits Nestlé S.A.	2024224004	Intellia Therapeutics, Inc.
2024220181	Precision Planting LLC	2024224005	Rite-Hite Holding Corporation
2024220182	Centripetal Limited	2024224006	Uipco, LLC
2024220183	Pfanner Schutzbekleidung GmbH	2024224007	GBIP Pty Ltd
2024220184	Medtentia International Ltd Oy	2024224008	London School of Hygiene and Tropical Medicine; Wageningen Universiteit
2024220185	Outotec (Finland) Oy; Swiss Tower Mill Minerals AG	2024224009	Devico AS
2024220186	China Pharmaceutical University	2024226885	Deere & Company
2024220188	Alteogen, Inc	2024227033	Medi USA, L.P.
2024220189	Aristocrat Technologies, Inc.	2024227038	GULLACI, J.
2024220190	Asynagro Company Limited		
2024220191	Kawak Aviation Technologies, Inc.		
2024220192	TEMPUS AI, INC.		
2024220193	XEFCO PTY LTD		
2024220194	Survivon Ltd		
2024220195	ThermaSense Corp.		
2024220196	SENSE2 PTY LTD		
2024220199	Dalton, J.		
2024220203	Garcia-Preedy, N.		
2024220204	Rosen IP AG		
2024220206	Aristocrat Technologies Australia Pty Limited		
2024220209	Sage Therapeutics, Inc.		
2024220210	Illinois Tool Works Inc.		
2024220211	Schlumberger Technology B.V.		
2024220212	Regeneron Pharmaceuticals, Inc.		
2024220213	Becton, Dickinson and Company		
2024220214	Regeneron Pharmaceuticals, Inc.		
2024220215	Changchun Meihe Science and Technology Development Co., Ltd.		
2024220216	FIDELITY INFORMATION SERVICES, LLC; EQUIFAX, INC.		
2024220217	Cargill, Incorporated		
2024220218	Jetti Resources, LLC		
2024221711	Lyndra Therapeutics, Inc.		
2024222212	Volvo Autonomous Solutions AB		
2024223967	REEF R&D Center Co., Ltd.		
2024223968	FISHER & PAYKEL HEALTHCARE LIMITED		
2024223969	Huawei Technologies Co., Ltd.		
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2024223976	Grünenthal GmbH		
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2024223979	Hawthorne Holdings Pty Ltd		
2024223980	BLITZ SYSTEMS PTY LTD		
2024223981	Hadleigh Innovations Pty Ltd		
2024223982	Halliburton Energy Services, Inc.		

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)

- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified

- N Applications not Open to Public Inspection

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Assignments before Grant, Section 113

2012

2012327813 Arevalo Castillo, Rafael; Mancilla Escobar, Cesar The application has been assigned to **Arevalo Castillo, Rafael**

2018

2018221730 2seventy bio, Inc. The application has been assigned to **Novo Nordisk A/S**

2019

2019217590 Karl Leibinger Medizintechnik GmbH & Co. KG. The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2019243560 TRIUMF; The University of British Columbia The application has been assigned to **TRIUMF Inc.; The University of British Columbia**

2019283460 Datamars Limited The application has been assigned to **Datamars SA**

2019320773 OsteoQC INC. The application has been assigned to **OSSIFI THERAPEUTICS LLC**

2019321434 OsteoQC Inc The application has been assigned to **OSSIFI THERAPEUTICS LLC**

2019397364 2seventy bio, Inc. The application has been assigned to **Novo Nordisk A/S**

2020

2020213960 Saietta Group PLC The application has been assigned to **Exedy Clutch Europe Limited**

2020215311 Saietta Group PLC The application has been assigned to **Exedy Clutch Europe Limited**

2020215829 Saietta Group PLC The application has been assigned to **Exedy Clutch Europe Limited**

2020240034 Amgen Inc. The application has been assigned to **Avantor Performance Materials, LLC; Amgen Inc.**

2020242037 Invetech, Inc. The application has been assigned to **Invetech IP LLC**

2020259017 Karl Leibinger Medizintechnik GmbH & Co. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2020354946 Aquent LLC; Carlson, Brennan The application has been assigned to **Aquent LLC**

2020359692 Feather Company Ltd. The application has been assigned to **1000739373 Ontario Ltd.**

2020368005 Novosanis NV The application has been assigned to **IDEVAX BV**

Assignments before Grant, Section 113

2020409496 Nuclear Research and Consultancy Group The application has been assigned to **Stichting Nuclear Research and Consultancy Group**

2021

2021215121 GorsePower Pty Ltd The application has been assigned to **Travalia, Michael; Boland, John; Myles, Matthew**

2021225485 Ma.Mi. Italia S.r.l. The application has been assigned to **MA.MI. International S.R.L.**

2021271839 Alba, Robert; Alba, Louis The application has been assigned to **Bendy Fit Inc.**

2021322735 Karl Leibinger Medizintechnik GmbH & Co. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2021323330 Karl Leibinger Medizintechnik GmbH & Co. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2021342678 Karl Leibinger Medizintechnik GmbH & Co. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2021353037 WELLTEC OILFIELD SOLUTIONS AG The application has been assigned to **Welltec Manufacturing Center Completions ApS**

2021357231 WELLTEC OILFIELD SOLUTIONS AG The application has been assigned to **Welltec Manufacturing Center Completions ApS**

2021369430 Karl Leibinger Medizintechnik GmbH & Co. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2021399019 KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2021403493 Karl Leibinger Medizintechnik GmbH & Co. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2021403677 WELLTEC OILFIELD SOLUTIONS AG The application has been assigned to **Welltec Manufacturing Center Completions ApS**

2021404358 KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2021405296 FONTERRA CO-OPERATIVE GROUP LIMITED; AGRESEARCH LIMITED; ATTWOOD, Graeme Trevor; CROUZET, Laureen; BASSETT, Shalome Anitta; DEKKER, James William; HILL, Jeremy Paul; YOUNG, Wayne The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

2021405297 FONTERRA CO-OPERATIVE GROUP LIMITED; AGRESEARCH LIMITED; ATTWOOD, Graeme Trevor; CROUZET, Laureen;

Assignments before Grant, Section 113

BASSETT, Shalome Anitta; DEKKER, James William; HILL, Jeremy Paul The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

2021410632 2SEVENTY BIO, INC. The application has been assigned to **Novo Nordisk A/S**

2022

2022219244 WELLTEC OILFIELD SOLUTIONS AG The application has been assigned to **Welltec Manufacturing Center Completions ApS**

2022220634 Karl Leibinger Medizintechnik GmbH & Co. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2022225137 KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2022233419 KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2022257270 WELLTEC OILFIELD SOLUTIONS AG The application has been assigned to **Welltec Manufacturing Center Completions ApS**

2022276094 KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2022278721 INTERNATIONAL BOXES S.R.L. The application has been assigned to **PANOTEC SRL**

2022283806 Haleon US Holdings LLC The application has been assigned to **North Star OpCo Limited**

2022286854 INVETECH, INC. The application has been assigned to **Invetech IP LLC**

2022301470 WELLTEC OILFIELD SOLUTIONS AG The application has been assigned to **Welltec Manufacturing Center Completions ApS**

2022305104 WELLTEC OILFIELD SOLUTIONS AG The application has been assigned to **Welltec Manufacturing Center Completions ApS**

2022326825 NUCLEAR RESEARCH AND CONSULTANCY GROUP The application has been assigned to **Stichting Nuclear Research and Consultancy Group**

2022345781 ABBOTT DIABETES CARE INC. The application has been assigned to **Lingo Sensing Technology Unlimited Company**

2022388843 SAIETTA GROUP PLC The application has been assigned to **Exedy Clutch Europe Limited**

Assignments before Grant, Section 113

2022425359 **ABBOTT DIABETES CARE INC.** The application has been assigned to **Lingo Sensing Technology Unlimited Company**

2023

2023200684 **Karl Leibinger Medizintechnik GmbH & Co. KG** The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2023202188 **Air Products and Chemicals, Inc.** The application has been assigned to **HERCULES PROJECT COMPANY LLC**

2023202585 **Denta Engineering B.V.** The application has been assigned to **D73 B.V.**

2023203486 **Haleon US Holdings LLC** The application has been assigned to **North Star OpCo Limited**

2023212846 **COOK MEDICAL TECHNOLOGIES LLC; COOK BIOTECH INCORPORATED** The application has been assigned to **C2Dx, Inc.**

2023217092 **SABIR, Sameer; SIDOTI, Charles; KAGAN, Olivier; AMIJI, Mansoor M.; AARON, Joseph; BRUCATO, Danielle; LI, Jun** The application has been assigned to **Brixton Biosciences, Inc.**

2023236901 **FORTUM OYJ** The application has been assigned to **Fortum Waste Solutions Oy**

2023248165 **Karl Leibinger Medizintechnik GmbH & Co. KG** The application has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2023904054 **BREAS MEDICAL AB** The application has been assigned to **BREAS MEDICAL PTY LTD**

2024

2024900379 **Breas Medical AB** The application has been assigned to **BREAS MEDICAL PTY LTD**

Extensions of Time, Section 223

Applications Received

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

2013

2013313028 **CSR Building Products Limited** An application to extend the time from 09 Sep 2023 to 09 May 2024 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2013313030 **CSR Building Products Limited** An application to extend the time from 09 Nov 2023 to 09 May 2024 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Extensions of Time, Section 223

2014

2014315695 **Lumenco, LLC** An application to extend the time from 27 Feb 2024 to 27 Sep 2024 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017

2017218408 **Crenshaw, K.** An application to extend the time from 31 Jan 2024 to 30 Sep 2024 in which to pay a renewal fee has been filed . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2018

2018101558 **Zhang, Y.X.** An application to extend the time from 18 Oct 2023 to 18 Jul 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2018250461 **Zhang, Y.X.** An application to extend the time from 18 Oct 2023 to 18 Jul 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2020

2020271285 **LiquidStack Holding B.V.** An application to extend the time from 26 May 2024 to 26 Sep 2024 in which to request examination has been filed . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2020280074 **Joby Aero, Inc.** An application to extend the time from 27 Apr 2024 to 27 Sep 2024 in which to request examination has been filed . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2022

2022228253 **CONMED CORPORATION** An application to extend the time from 04 Oct 2023 to 04 Jul 2024 in which to enter the National Phase has been filed . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2022328718 **OMNIOX INC.** An application to extend the time from 18 Mar 2024 to 18 Jul 2024 in which to enter the National Phase has been filed . Address for service - RnB IP PO Box 9530 Deakin ACT 2600 AU

Applications Allowed - Section 223(2)

2011

2011352257 **Ross, O.** The time in which to pay a renewal fee has been extended to 27 Jul 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2018

2018371301 **Gray, I.** The time in which to pay a continuation fee has been extended to 23 Jun 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018393020 **PEHRSSON, C.; Dynaflex Products** The time in which to pay a renewal fee has been extended to 19 Mar 2024 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

Extensions of Time, Section 223

2019

2019341747 **Phaanix Pty Ltd** The time in which to pay a continuation fee has been extended to 20 May 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019364866 **Che, Y.** The time in which to pay the acceptance fee has been extended to 02 Oct 2024 . Address for service - MOHAN MURALI KODIVEL PO Box 292 Pendle Hill NSW 2145 AU

2020

2020233687 **BUILDING MANAGEMENT SYSTEMS AUSTRALIA PTY LTD** The time in which to request examination has been extended to 25 Sep 2024 . Address for service - Alder IP Pty Ltd Suite 504 10 Help Street CHATSWOOD NSW 2067 AU

2020347090 **Ultrafab, Inc.** The time in which to request examination has been extended to 18 Sep 2024 . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2021

2021221455 **Vita Inclinata IP Holdings LLC** The time in which to pay the acceptance fee has been extended to 23 Jul 2024 . Address for service - GIRL FRIDAY IP PTY LTD PO Box 208 Northbridge WA 6865 AU

2022

2022215329 **FRESHLIGHT SAFED PTY LTD** The time in which to gain acceptance has been extended to 08 Nov 2024 . Address for service - Wallington-Dummer Suite 1005 Level 10 66 Hunter Street Sydney NSW 2000 AU

Amendments

Applications for Amendment

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

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

2018

2018221774 New uses of anti-SIRP_g antibodies **OSE Immunotherapeutics** The nature of the amendment is as shown in the statement(s) filed 24 Sep 2024 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2019

2019228717 Pharmaceutical compositions comprising (2S)-N-((1S)-1-cyano-2-[4-(3-methyl-2-oxo-2,3-dihydro-1,3-benzoxazol-5-yl)phenyl]ethyl)-1,4-oxazepane-2-carboxamide **As-traZeneca AB** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020412766 Methods for spatial analysis using RNA-templated ligation **10X Genomics, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Sep 2024 . Address for service - Pizzeyes

Amendments

Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2021

2021213832 Sensor-enabled system and method for monitoring the health, condition, and/or status of pavement and vehicular infrastructure **Tensar International Corporation** The nature of the amendment is as shown in the statement(s) filed 24 Sep 2024 . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2021218213 MULTISPECIFIC ANTIGEN-BINDING MOLECULES AND USES THEREOF **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Sep 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2023

2023201173 SQUID LURE FOR FISHING **Nomad Tackle Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 23 Sep 2024 . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Amendments Made

2015

2015298492 **Almac S.r.l.** The nature of the amendment is as shown in the statement(s) filed 16 May 2024

2016

2016424981 **The a2 Milk Company Limited** The nature of the amendment is as shown in the statement(s) filed 07 May 2024

2017

2017313268 **Boehringer Ingelheim International GmbH** The nature of the amendment is as shown in the statement(s) filed 22 May 2024

2018

2018202755 **Shriro Australia Pty Limited** The nature of the amendment is: Application is to proceed under the number 2018102259

2018245014 **NEOGAP Therapeutics AB** The nature of the amendment is as shown in the statement(s) filed 15 May 2024

2018275937 **Kirin Holdings Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 17 Jun 2024

2018368356 **H.B. Fuller Medical Adhesives Technologies, LLC** The nature of the amendment is as shown in the statement(s) filed 21 Jun 2024

2019

2019301699 **Actym Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2024

2019340821 **Société des Produits Nestlé S.A.** The nature of the amendment is: Amend the name of the inventor to read BAMBAGIONI, Guido; BEHRMANN, Veith; MUELLER, Martin Guillermo; BOUQUET, André; ZWAHLEN, Rolf and KENAR, Gökhan

Amendments

2019448467 **Kuchimanchi, V.; Kuchimanchi, V.** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2024

2019454310 **Halliburton Energy Services, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Jun 2024

2019479051 **Vector Vitale IP LLC** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2024

2020

2020234299 **The University of Melbourne** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2024

2020240034 **Avantor Performance Materials, LLC; Amgen Inc.** The nature of the amendment is: Amend the name of the inventor to read PERELL, Gabriella; DANESHVAR, Rosa; KOPP, Martina; DE-ORKAR, Nandu and OH, Jungmin

2020276924 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read TERMINAL AND RADIO COMMUNICATION METHOD

2020322791 **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2024

2020419746 **Boston Scientific Limited** The nature of the amendment is: Amend the name of the inventor to read HANSEN, Katrina; GOLDEN, John B.; DURR, Bernadette; HUGHES, Gregory; CALLAGHAN, David; ASWATHA NARAYANA, Balaji; MOREY, Subodh and SHAIKH, Junaid

2021

2021262176 **Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Jun 2024

2021302454 **Spaceopal GmbH; ANavS GmbH** The nature of the amendment is as shown in the statement(s) filed 11 Jan 2024

2021333608 **Chengdu New Radiomedicine Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read VISUALIZABLE RADIOACTIVE CARBON MICROSPHERE (CMS), PREPARATION METHOD, AND USE THEREOF

2021401077 **COLGATE-PALMOLIVE COMPANY** The nature of the amendment is: Amend the invention title to read Oral care compositions with amine fluorides

2021403893 **TECHNOLOGICAL RESOURCES PTY. LIMITED** The nature of the amendment is: Amend the name of the inventor to read KUMAR, Bhupendra

2021427656 **SUNRISE TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD OF MEASURING TISSUE ELEMENT, DEVICE OF MEASURING TISSUE ELEMENT, AND WEARABLE APPARATUS

2022

2022200729 **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2024

Amendments

2022211566 **EVONIK OPERATIONS GMBH** The nature of the amendment is: Amend the name of the inventor to read MALJUSCH, Artjom; CONRADI, Oliver; RÖGL, Harald and LUPPI, Gianluigi

2022236195 **EVONIK OPERATIONS GMBH** The nature of the amendment is: Amend the name of the inventor to read MALJUSCH, Artjom; CONRADI, Oliver; RÖGL, Harald and LUPPI, Gianluigi

2022257000 **RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL; HENWOOD, N.C.** The nature of the amendment is: Amend the name of the inventor to read CHANG, Long-Sheng; FLANIGAN, Kevin; LIKHITE, Shibi; MEYER, Kathrin and HENWOOD, Nicole Christine

2022263462 **Bayer Aktiengesellschaft** The nature of the amendment is as shown in the statement(s) filed 05 Jul 2024

2022271454 **Kuraray Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read KAZETO, Osamu and INUBUSHI, Yasutaka

2022278011 **FRIDMAN-MINTZ, B.** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2024

2023

2023201607 **Berkeley Lights, Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Jun 2024

2023225211 **GARCÍA SADA, F.** The nature of the amendment is as shown in the statement(s) filed 20 Sep 2024

2023228602 **LINEAGE CELL THERAPEUTICS, INC.** The nature of the amendment is as shown in the statement(s) filed 09 Sep 2024

2023230951 **MERCK PATENT GMBH** The nature of the amendment is: Amend the name of the inventor to read MCKENNA, Sean D.; GROSS, Alec; MA, Jianguo; DOTTERWEICH, Julia; RASCHE, Nicolas; SHAN, Min; AMENDT, Christiane; ANDERL, Jan and SLOOT, Willem

2023231401 **IAGE TECH LIMITED** The nature of the amendment is: Amend the name of the inventor to read KING, Christine and LAWLER, Aoife

2023231849 **JFE STEEL CORPORATION; TOHOKU UNIVERSITY** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR RECOVERING CARBON FROM CARBON-CONTAINING GAS

2023234397 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read Clock status synchronization method and communication apparatus

2023239082 **H2PRO LTD** The nature of the amendment is as shown in the statement(s) filed 15 Aug 2024

2023257052 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD FOR MELTING DIRECT REDUCED IRON, SOLID IRON AND METHOD FOR PRODUCING THE SAME, MATERIAL FOR CIVIL ENGINEERING AND CONSTRUCTION AND METHOD FOR PRODUCING THE SAME, AND SYSTEM FOR MELTING DIRECT REDUCED IRON

Amendments

2024

2024202996 **Harrison, T.** The nature of the amendment is: Amend the priority details to read 18/141,760 01 May 2023 US

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

2008

2008207297 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2008251030 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2008323620 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2010

2010201629 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2010246497 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2012

2012202789 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2013

2013200462 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2013273840 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2015

2015200645 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2015200646 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2015200647 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2015200648 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

Amendments

2015202170 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2016

2016202871 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2016216587 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2016216713 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2016244280 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2016340036 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2017

2017200233 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2017203540 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2017265074 Australian Trailer Solutions Group Property Pty Ltd
The name of the patentee has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2017387061 GE Infrastructure Sensing, LLC The name of the patentee has been altered to **Panametrics LLC**

2018

2018223008 Australian Trailer Solutions Group Property Pty Ltd
The name of the applicant has been altered to **MAXITRANS PROP-ERTY PTY LTD**

2018367231 SWM Luxembourg Sarl The name of the applicant has been altered to **Mativ Luxembourg**

2018367278 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2019

2019313543 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2019342706 CHRYSALABS INC The name of the applicant has been altered to **CHRYSALABS INC.**

Amendments

2019351914 SWM Luxembourg Sarl The name of the applicant has been altered to **Mativ Luxembourg**

2020

2020206477 Nanjing Transthera Biosciences Co., Ltd. The name of the patentee has been altered to **TransThera Sciences (Nanjing), Inc.**

2020228660 The Rockefeller University The name of the applicant has been altered to **The Rockefeller University; INSPIRNA, INC.**

2020281121 Uluthando Pty Ltd The name of the applicant has been altered to **Flow Plus Pty Ltd**

2020284570 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2020290955 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2020314462 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2020316964 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2020329773 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2021

2021229150 Australian Trailer Solutions Group Property Pty Ltd The name of the applicant has been altered to **MAXITRANS PROPERTY PTY LTD**

2021241637 Rockline Industries Inc. The name of the patentee has been altered to **Rockline Industries, Inc.**

2021312699 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2021402930 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2021410663 SWM Luxembourg The name of the applicant has been altered to **Mativ Luxembourg**

2022

2022257000 RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL The name of the applicant has been altered to **RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL; HENWOOD, N.C.**

2022266191 SOLAR FOODS OY The name of the applicant has been altered to **Solar Foods Oyj**

2022346926 MIP DISCOVERY LIMITED The name of the applicant has been altered to **Tozaro Limited**

Amendments

2022444183 GMG OUTDOOR PRODUCTS (WUHAN) CO., LTD The name of the applicant has been altered to **GMG PRODUCTS, LLC**

2023

2023248133 Caterpillar Underground Mining Pty Ltd The name of the applicant has been altered to **Caterpillar Global Mining Equipment LLC**

2024

2024219996 Mozafari, Marcel The name of the applicant has been altered to **Kerdari, E.; Mozafari, M.**

2024903071 Alexander Patrick Sheridan WOOD The name of the applicant has been altered to **MANSON ANCHORS LIMITED**

Applications Open to Public Inspection

Name Index

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

(71) 8 Rivers Capital, LLC
 (11) AU-A-2024219759
 (21) 2024219759 (22) 16.09.2024
 (54) Control systems and methods suitable for use with power production systems and methods
 (51) Int. Cl.
F02C 9/00 (2006.01)
F02C 9/24 (2006.01)
F02C 9/26 (2006.01)
F02C 9/28 (2006.01)
 (43) 10.10.2024
 (62) 2023202666
 (72) FETVEDT, Jeremy Eron; ALLAM, Rodney John
 (74) Spruson & Ferguson

(71) Abbott Laboratories
 (11) AU-A-2024219797
 (21) 2024219797 (22) 17.09.2024
 (54) Methods for aiding in the hyperacute diagnosis and determination of traumatic brain injury in a human subject using early biomarkers
 (51) Int. Cl.
G01N 33/68 (2006.01)
 (43) 10.10.2024
 (62) 2018250688
 (72) MCQUISTON, Beth; ROGERS, Justin; DATWYLER, Saul; MARINO, Jaime
 (74) Spruson & Ferguson

(71) Acacia Distribution Pty Ltd
 (11) AU-A-2023201714
 (21) 2023201714 (22) 20.03.2023
 (54) A HEALTHCARE SUPPORT SURFACE
 (51) Int. Cl.
A61G 7/057 (2006.01)
A47C 27/08 (2006.01)
A47C 27/18 (2006.01)
 (43) 10.10.2024
 (72) SARGEANT, Stephen J.
 (74) Halfords IP

(71) Advanced Bariatric Technology, LLC
 (11) AU-A-2024219729
 (21) 2024219729 (22) 13.09.2024
 (54) Bariatric clamp with suture portions, magnetic inserts and curvature
 (51) Int. Cl.
A61B 17/10 (2006.01)
 (43) 10.10.2024
 (62) 2022203505
 (72) ARMENTEROS, Jesus R.; FRENCH, C. Kenneth; JACOBS, Moises
 (74) Spruson & Ferguson

(71) Advanced Lithium Electrochemistry Co., Ltd.
 (11) AU-A-2023285785
 (21) 2023285785 (22) 20.12.2023
 (54) Manufacturing method of carbon-coated lithium iron phosphate material
 (51) Int. Cl.
H01M 4/1397 (2010.01)
H01M 4/04 (2006.01)
H01M 4/58 (2010.01)
 (31) 112110482 (32) 21.03.23 (33) TW
 (43) 10.10.2024
 (72) WANG, Ya-Hui; TSAI, Feng-Yen
 (74) Spruson & Ferguson

(71) Aeroklas Asia Pacific Group Pty Ltd
 (11) AU-A-2024219946
 (21) 2024219946 (22) 20.09.2024
 (54) Air Compressor
 (51) Int. Cl.
F04B 39/06 (2006.01)
 (43) 10.10.2024
 (62) 2019202008
 (72) RENOUE, James Marshal; MESSINA, Anton Michele Eduardo
 (74) WRAYS PTY LTD

(71) Alcolizer Pty Ltd
 (11) AU-A-2024219735
 (21) 2024219735 (22) 13.09.2024
 (54) A mind-altering substance testing system
 (51) Int. Cl.
G06Q 10/06 (2023.01)
A61B 5/097 (2006.01)
G01N 33/497 (2006.01)
 (43) 10.10.2024
 (62) 2022228205
 (72) HUNT, Roger Alan; BROWN, James John
 (74) Spruson & Ferguson

(71) Alcon Inc.
 (11) AU-A-2024219905
 (21) 2024219905 (22) 20.09.2024
 (54) STEREOSCOPIC VISUALIZATION CAMERA AND INTEGRATED ROBOTICS PLATFORM
 (51) Int. Cl.
A61B 34/30 (2016.01)
A61B 34/00 (2016.01)
A61B 90/25 (2016.01)
A61B 90/57 (2016.01)
B25J 9/16 (2006.01)
 (43) 10.10.2024
 (62) 2019261643
 (72) Ramirez Luna, Maximiliano; Weissman, Michael; Riederer, Thomas Paul; Pol-

chin, George Charles; Tripathi, Ashok Burton; Terry, Patrick
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alkahest, Inc.
 (11) AU-A-2024219765
 (21) 2024219765 (22) 16.09.2024
 (54) Blood plasma fractions as a treatment for aging-associated cognitive disorders
 (51) Int. Cl.
A61K 38/38 (2006.01)
A61K 35/14 (2015.01)
 (43) 10.10.2024
 (62) 2021240142
 (72) BELL, David; GALLAGER, Ian; BRAITHWAITE, Steven P.; MINAMI, S. Sakura; DANG, Vu; McCracken, Joe; NIKOLICH, Karoly
 (74) FB Rice Pty Ltd

(71) American Sterilizer Company
 (11) AU-A-2024219931
 (21) 2024219931 (22) 20.09.2024
 (54) Proximity detection for a surgical light
 (51) Int. Cl.
A61B 90/30 (2016.01)
F21V 23/04 (2006.01)
 (43) 10.10.2024
 (62) 2021212613
 (72) WESTENFELDER II, David A.; SANDERS, Jill A.; HOLLOPETER, Michael; GROSZEK, Joseph James; JESURUN, David; COOK, Ian Hugh
 (74) WRAYS PTY LTD

(71) Amicus Therapeutics, Inc.
 (11) AU-A-2024219997
 (21) 2024219997 (22) 24.09.2024
 (54) METHOD TO PREDICT RESPONSE TO PHARMACOLOGICAL CHAPERONE TREATMENT OF DISEASES
 (51) Int. Cl.
A61K 31/445 (2006.01)
A61P 3/00 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 43/00 (2006.01)
C12Q 1/34 (2006.01)
G01N 33/68 (2006.01)
 (43) 10.10.2024
 (62) 2021218172
 (72) Wustman, Brandon; Enjamin, Elfrida; Wu, Xiaoyang; Flanagan, John; Do, Hung V.
 (74) Dark IP

(71) Angel Group Co., Ltd.
 (11) AU-A-2024219906
 (21) 2024219906 (22) 20.09.2024
 (54) Game token management system

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(51) Int. Cl.
A63F 1/06 (2006.01)
 (43) 10.10.2024
 (62) 2022241547
 (72) Shigeta, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2024219928
 (21) 2024219928 (22) 20.09.2024
 (54) Gaming chip and management system
 (51) Int. Cl.

A63F 9/00 (2006.01)
A63F 3/00 (2006.01)
A63F 11/00 (2006.01)
 (43) 10.10.2024
 (62) 2022224853
 (72) SHIGETA, Yasushi
 (74) FB Rice Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2024219960
 (21) 2024219960 (22) 22.09.2024
 (54) CHIP RECOGNITION SYSTEM
 (51) Int. Cl.

G07F 17/32 (2006.01)
A63F 11/00 (2006.01)
 (43) 10.10.2024
 (62) 2022271426
 (72) SHIGETA, Yasushi
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Antecip Bioventures II LLC
 (11) AU-A-2024219871
 (21) 2024219871 (22) 19.09.2024
 (54) Methods of modulating drug plasma levels using erythrohydroxybupropion
 (51) Int. Cl.

A61K 31/485 (2006.01)
A61K 31/137 (2006.01)
 (43) 10.10.2024
 (62) 2021200981
 (72) Tabuteau, Herriot
 (74) RnB IP

(71) Anuncia, Inc
 (11) AU-A-2024219776
 (21) 2024219776 (22) 16.09.2024
 (54) Systems and methods for shunting fluid
 (51) Int. Cl.

A61M 27/00 (2006.01)
 (43) 10.10.2024
 (62) 2022205256
 (72) EAST, Andrew; BROPHY, Morgan; SINGH, Deep Arjun; ANAND, PJ; DEGON, Robert; FALLON, Timothy; WALLER, Allison; ATTAR, Matthew
 (74) Spruson & Ferguson

(71) Apex Brands, Inc.
 (11) AU-A-2024219879
 (21) 2024219879 (22) 19.09.2024
 (54) TORQUE WRENCH WITH STRAIN GAUGES
 (51) Int. Cl.

B25B 23/142 (2006.01)
 (43) 10.10.2024
 (62) 2020438391
 (72) SHI, Minglin; LUO, Henglian; YANG, Cheng
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2024219912

(71) Applied Medical Resources Corporation
 (11) AU-A-2024220008
 (21) 2024220008 (22) 24.09.2024
 (54) Systems and methods for tissue removal
 (51) Int. Cl.

A61B 17/34 (2006.01)
A61B 17/02 (2006.01)
A61B 90/00 (2016.01)
 (43) 10.10.2024
 (62) 2022204020

(72) KESSLER, Steven C.; BRESLIN, Tracy
 (74) Griffith Hack

(71) AQUATEC MAXCON PTY LTD
 (11) AU-A-2024219924
 (21) 2024219924 (22) 20.09.2024
 (54) DIFFUSER FOR AERATION OF A FLUID
 (51) Int. Cl.

B01F 23/20 (2022.01)
F16K 15/00 (2006.01)
F16K 24/06 (2006.01)
F16K 31/12 (2006.01)
 (43) 10.10.2024
 (62) 2018340870

(72) JOHNSTON, Gregory; YULE, David; WILDBUR, Kenneth Roy
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Aragon Pharmaceuticals, Inc.
 (11) AU-A-2024219755
 (21) 2024219755 (22) 16.09.2024
 (54) Anti-androgens for the treatment of non-metastatic castration-resistant prostate cancer
 (51) Int. Cl.

A61K 31/00 (2006.01)
A61K 31/192 (2006.01)
A61K 31/4152 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/4166 (2006.01)
A61K 31/4178 (2006.01)
A61K 31/426 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4365 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
 (43) 10.10.2024
 (62) 2018351714

(72) MOLINA, Arturo
 (74) Spruson & Ferguson

(71) AstraZeneca AB
 (11) AU-A-2024219819
 (21) 2024219819 (22) 18.09.2024
 (54) N-(2-(4-CYANOTHIAZOLIDIN-3-YL)-2-OXOETHYL)-QUINOLINE-4-CARBOXAMIDES
 (51) Int. Cl.

C07D 417/12 (2006.01)
A61K 31/4709 (2006.01)
A61P 1/16 (2006.01)
C07D 417/14 (2006.01)
C07D 487/04 (2006.01)
C07D 487/10 (2006.01)
C07D 491/10 (2006.01)
C07D 495/10 (2006.01)
C07D 498/08 (2006.01)
C07D 498/10 (2006.01)
 (43) 10.10.2024
 (62) 2021403827

(72) Brånalt, Jonas; Johansson, Maria; Nordqvist, Anneli; Swanson, Marianne
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) AstraZeneca UK Limited; Daiichi Sankyo Company, Limited
 (11) AU-A-2024219803
 (21) 2024219803 (22) 17.09.2024
 (54) A SCORING METHOD FOR AN ANTI-HER2 ANTIBODY-DRUG CONJUGATE THERAPY
 (51) Int. Cl.

G06V 20/69 (2022.01)
G06F 18/2413 (2023.01)
G06V 10/44 (2022.01)
G06V 10/75 (2022.01)
 (43) 10.10.2024
 (62) 2021340002

(72) Schmidt, Guenter; Brieu, Nicolas; Spitzmueller, Andreas; Kapil, Ansh
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) AUDIO-TECHNICA CORPORATION
 (11) AU-A-2023428628
 (21) 2023428628 (22) 15.12.2023
 (54) HEADPHONE SYSTEM, HEADPHONE, AND HEADPHONE CHARGER
 (51) Int. Cl.

H02J 7/00 (2006.01)
F21V 9/40 (2018.01)
F21V 23/00 (2015.01)
G09G 3/00 (2006.01)
H02J 50/10 (2016.01)
H04R 1/10 (2006.01)
 (31) 2023-047756 (32) 24.03.23 (33) JP
 (43) 10.10.2024

(72) INUBUSHI Nao; MORIMOTO Yasuyuki
 (74) Halfords IP

(71) Bainy, N.
 (11) AU-A-2023201769
 (21) 2023201769 (22) 21.03.2023
 (54) A Self-Ejecting Weight Stack Pin for its use in conjunction with Weight-Stack Exercise Machines
 (51) Int. Cl.

A63B 21/062 (2006.01)
A63B 21/00 (2006.01)
A63B 71/00 (2006.01)

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 (72) Bairy, Nathan
 (74) Nathan Bairy

(71) Banger, B.
 (11) AU-A-2024201830
 (21) 2024201830 (22) 20.03.2024
 (54) Volume Damper Insert
 (51) Int. Cl.
F24F 13/14 (2006.01)
 (31) 63454460 (32) 24.03.23 (33) US
 (43) 10.10.2024
 (72) Banger, Balraj
 (74) Balraj Banger

(71) BASF AS
 (11) AU-A-2024219827
 (21) 2024219827 (22) 18.09.2024
 (54) STRUCTURALLY ENHANCED FATTY ACIDS CONTAINING OXYGEN FOR TREATMENT OF NON-ALCOHOLIC STEATOHEPATITIS
 (51) Int. Cl.
A61K 31/201 (2006.01)
A61K 9/00 (2006.01)
A61K 31/202 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/575 (2006.01)
A61K 45/06 (2006.01)
A61P 1/16 (2006.01)
A61P 43/00 (2006.01)
 (43) 10.10.2024
 (62) 2018381124
 (72) Steineger, Hilde Hermansen; Fraser, David Alan; Skjæret, Tore
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) BASF SE
 (11) AU-A-2024219987
 (21) 2024219987 (22) 23.09.2024
 (54) Herbicidal mixtures comprising L-glufosinate or its salt and at least one protoporphyrinogen-IX oxidase inhibitor
 (51) Int. Cl.
A01N 33/22 (2006.01)
A01N 37/48 (2006.01)
A01N 41/06 (2006.01)
A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 43/84 (2006.01)
A01N 43/90 (2006.01)
A01N 57/20 (2006.01)
A01P 13/00 (2006.01)
 (43) 10.10.2024
 (62) 2018314510
 (72) WINTER, Christian Harald; GEWEHR, Markus; NIELSON, Ryan Louis
 (74) Griffith Hack

(71) BASF SE
 (11) AU-A-2024219994
 (21) 2024219994 (22) 23.09.2024
 (54) Herbicidal mixtures comprising L-glufosinate or its salt and at least one protoporphyrinogen-IX oxidase inhibitor
 (51) Int. Cl.

A01N 33/22 (2006.01)
A01N 37/48 (2006.01)
A01N 41/06 (2006.01)
A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 43/84 (2006.01)
A01N 43/90 (2006.01)
A01N 57/20 (2006.01)
A01P 13/00 (2006.01)
 (43) 10.10.2024
 (62) 2018314510
 (72) WINTER, Christian Harald; GEWEHR, Markus; NIELSON, Ryan Louis
 (74) Griffith Hack

(71) Beach Road Assets, LLC
 (11) AU-A-2024201794
 (21) 2024201794 (22) 19.03.2024
 (54) Traceable Rechargeable Battery System and Method
 (51) Int. Cl.
H02J 7/00 (2006.01)
H04W 4/029 (2018.01)
 (31) 18/123,696 (32) 20.03.23 (33) US
 (43) 10.10.2024
 (72) AKKERMAN, Michael
 (74) Adrian M Trioli Patent and Trade Mark Attorney

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
 (11) AU-A-2023274249
 (21) 2023274249 (22) 05.12.2023
 (54) Simulation methods, devices, and storage media for nonlocal quantum operations
 (51) Int. Cl.
G06N 10/80 (2022.01)
G06F 30/20 (2020.01)
G06N 10/60 (2022.01)
 (31) 202310272861.4 (32) 20.03.23 (33) CN
 (43) 10.10.2024
 (72) WANG, Xin; ZHANG, Lei; JING, Mingrui
 (74) FB Rice Pty Ltd

(71) BicycleTx Limited
 (11) AU-A-2024205105
 (21) 2024205105 (22) 25.07.2024
 (54) Heterotandem bicyclic peptide complexes
 (51) Int. Cl.
C07K 14/00 (2006.01)
A61K 38/00 (2006.01)
C07K 17/08 (2006.01)
C07K 19/00 (2006.01)
 (43) 10.10.2024
 (62) 2019247795
 (72) KEEN, Nicholas; MCDONNELL, Kevin; PARK, Peter; UPADHYAYA, Punit; MUDD, Gemma
 (74) Allens Patent & Trade Mark Attorneys

(71) BioCryst Pharmaceuticals, Inc.
 (11) AU-A-2024219811
 (21) 2024219811 (22) 17.09.2024

(54) Substituted benzofuran, benzopyrrole, benzothiophene, and structurally related complement inhibitors
 (51) Int. Cl.
A61K 9/50 (2006.01)
 (43) 10.10.2024
 (62) 2019247471
 (72) BABU, Yarlagadda; CHINTAREDDY, Venkat R.; DANG, Zhao; KOTIAN, Pravin L.; KUMAR, V. Satish; LU, Pen-Cheng; LV, Wei; NGUYEN, Trung Xuan; RAMAN, Krishnan; WU, Minwan; ZHANG, Weihe
 (74) FB Rice Pty Ltd

(71) Biolumic Limited
 (11) AU-A-2024219875
 (21) 2024219875 (22) 19.09.2024
 (54) Method to improve crop yield and/or quality
 (51) Int. Cl.
A01G 7/04 (2006.01)
 (43) 10.10.2024
 (62) 2018293468
 (72) WARGENT, Jason John
 (74) FB Rice Pty Ltd

(71) BioXcel Therapeutics, Inc.
 (11) AU-A-2024219731
 (21) 2024219731 (22) 13.09.2024
 (54) Use of sublingual Dexmedetomidine for the treatment of agitation
 (51) Int. Cl.
A61K 31/415 (2006.01)
A61K 31/4174 (2006.01)
 (43) 10.10.2024
 (62) 2022200892
 (72) NANDABALAN, Krishnan; YOCCA, Frank; SHARMA, Sameer
 (74) Spruson & Ferguson

(71) Blue Vigil LLC
 (11) AU-A-2024219863
 (21) 2024219863 (22) 19.09.2024
 (54) SYSTEMS AND METHODS FOR TETHERED DRONES
 (51) Int. Cl.
B64C 39/02 (2023.01)
B64D 47/04 (2006.01)
 (43) 10.10.2024
 (62) 2022342243
 (72) Schumann, Robert; Eldering, Gerard; Eldering, Charles A.; Wernick, Brandon; Markson, Ted
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Blue Vigil LLC
 (11) AU-A-2024219864
 (21) 2024219864 (22) 19.09.2024
 (54) Systems and Methods for Heat Transfer in Drones
 (51) Int. Cl.
B64C 39/02 (2023.01)
B64D 47/04 (2006.01)

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 (62) 2022342243
 (72) Schumann, Robert; Eldering, Gerard; Eldering, Charles A.; Wernick, Brandon; Markson, Ted
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Boddington, T.
 (11) AU-A-2024201846
 (21) 2024201846 (22) 21.03.2024
 (54) ADAPTABLE CONTAINER AND NOVEL CLOSURE
 (51) Int. Cl.
 A01G 9/02 (2018.01)
 A01G 9/00 (2018.01)
 (31) 2023900788 (32) 21.03.23 (33) AU
 (43) 10.10.2024
 (72) Boddington, Tracey
 (74) TJIP Patents, Trade Marks & Designs

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024219843
 (21) 2024219843 (22) 18.09.2024
 (54) Apparatus and methodology for reshaping a laser beam
 (51) Int. Cl.
 H01S 3/23 (2006.01)
 G02B 19/00 (2006.01)
 G02B 27/09 (2006.01)
 H01S 3/00 (2006.01)
 H01S 3/16 (2006.01)
 (43) 10.10.2024
 (62) 2018364657
 (72) YU, Honggang
 (74) Spruson & Ferguson

(71) Breathe Technologies, Inc.
 (11) AU-A-2024219877
 (21) 2024219877 (22) 19.09.2024
 (54) Modular ventilation system
 (51) Int. Cl.
 A61M 16/00 (2006.01)
 A61M 16/06 (2006.01)
 A61M 16/08 (2006.01)
 A61M 16/10 (2006.01)
 A62B 7/00 (2006.01)
 A62B 7/02 (2006.01)
 (43) 10.10.2024
 (62) 2022279459
 (72) AHMAD, Samir S.; BRAMBILLA, Enrico; NIKKHAH, Ali; MASTROVICH, Lawrence A.; BERMAN, Gary; VAHIDI, Masoud
 (74) Davies Collison Cave Pty Ltd

(71) Breville USA, Inc.
 (11) AU-A-2024219893
 (21) 2024219893 (22) 19.09.2024
 (54) Thermal immersion circulator
 (51) Int. Cl.
 H05B 3/42 (2006.01)
 B01L 7/00 (2006.01)
 H05B 1/02 (2006.01)

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 (62) 2022202602
 (72) YOUNG, Christopher Charles; UDD, Tom; FEIFEL, Marc Ian; FINKE, Kevin; JUE, Cameron
 (74) GLMR

(71) Brilliant Light Power, Inc.
 (11) AU-A-2024219888
 (21) 2024219888 (22) 19.09.2024
 (54) Thermophotovoltaic electrical power generator
 (51) Int. Cl.
 G21B 1/00 (2006.01)
 G21B 3/00 (2006.01)
 (43) 10.10.2024
 (62) 2022252751
 (72) MILLS, Randell Lee
 (74) Spruson & Ferguson

(71) Britax Römer Kindersicherheit GmbH
 (11) AU-A-2024201703
 (21) 2024201703 (22) 14.03.2024
 (54) CHILD RESTRAINT
 (51) Int. Cl.
 B60N 2/28 (2006.01)
 (31) 23162928.8 (32) 20.03.23 (33) EP
 (43) 10.10.2024
 (72) Ravlic, Tomislav; Suessmann, Stefan; Krones, Tobias; Wirth, Michael; Moujib, Issam
 (74) K&L Gates

(71) Carter, A.
 (11) AU-A-2024219955
 (21) 2024219955 (22) 20.09.2024
 (54) System and method for controlling amount of screen time of an individual
 (51) Int. Cl.
 G06F 21/62 (2013.01)
 G06F 11/34 (2006.01)
 H04M 1/72463 (2021.01)
 (43) 10.10.2024
 (62) 2021298398
 (72) CARTER, Ashley
 (74) mdp Patent and Trade Mark Attorneys

(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC
 (11) AU-A-2024219832
 (21) 2024219832 (22) 18.09.2024
 (54) Slidable current collector and method for contacting conductor rail
 (51) Int. Cl.
 B60L 5/38 (2006.01)
 B60M 7/00 (2006.01)
 H01R 25/14 (2006.01)
 H01R 39/26 (2006.01)
 (43) 10.10.2024
 (62) 2023209834
 (72) STRASHNY, Igor; RAJESH, Roopa
 (74) FPA Patent Attorneys Pty Ltd

(71) CAVH LLC
 (11) AU-A-2024219749
 (21) 2024219749 (22) 16.09.2024

(54) Systems and methods for driving intelligence allocation between vehicles and highways
 (51) Int. Cl.
 G05D 1/00 (2006.01)
 (43) 10.10.2024
 (62) 2019266266
 (72) DING, Fan; RAN, Bin; CHENG, Yang; LI, Shen; ZHANG, Zhen; ZHOU, Yang; TAN, Huachun; DONG, Shuoxuan; CHEN, Tianyi; LI, Xiaotian; SHI, Kun-song
 (74) Spruson & Ferguson

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 (21) 2024219771

(71) Children's Medical Center Corporation
 (11) AU-A-2024219780
 (21) 2024219780 (22) 17.09.2024
 (54) Compositions and methods for treating or preventing catecholaminergic polymorphic ventricular tachycardia
 (51) Int. Cl.
 A61K 31/18 (2006.01)
 A61K 31/404 (2006.01)
 A61K 31/42 (2006.01)
 A61K 31/426 (2006.01)
 A61K 31/4439 (2006.01)
 A61K 31/454 (2006.01)
 (43) 10.10.2024
 (62) 2018297171
 (72) PU, William; BEZZERIDES, Vassilios; ZHANG, Donghui
 (74) Southern Cross Intellectual Property

(71) Commonwealth Scientific and Industrial Research Organisation
 (11) AU-A-2024219767
 (21) 2024219767 (22) 16.09.2024
 (54) Trait selection in avians
 (51) Int. Cl.
 C12N 15/63 (2006.01)
 C12N 15/90 (2006.01)
 (43) 10.10.2024
 (62) 2018278516
 (72) DORAN, Timothy James; TIZARD, Mark Leslie; BEAN, Andrew
 (74) FB Rice Pty Ltd

Construction Research & Technology GmbH see The Regents of The University of California
 (21) 2024219804

(71) Cytrellis Biosystems, Inc.
 (11) AU-A-2024219990
 (21) 2024219990 (22) 23.09.2024
 (54) Devices and methods for cosmetic skin resurfacing
 (51) Int. Cl.
 A61B 17/20 (2006.01)
 A61B 17/00 (2006.01)

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 (62) 2022204200
 (72) LEVINSON, Douglas; GINGGEN, Alec; DIMATTEO, Kristian; BRIK, Robert; LIZARDI, Jose; ANDERSON, Nick; BROCKMEIER, Oivind
 (74) Griffith Hack

(71) Czap Research and Development, LLC
 (11) AU-A-2024219899
 (21) 2024219899 (22) 19.09.2024
 (54) Controlled-release and stratified cyclodextrin inclusion complex vehicles
 (51) Int. Cl.
 A61K 31/724 (2006.01)
 A61K 47/40 (2006.01)
 C12N 9/26 (2006.01)
 (43) 10.10.2024
 (62) 2022200988
 (72) CZAP, AI
 (74) FB Rice Pty Ltd

(71) Da'na, A.
 (11) AU-A-2023201641
 (21) 2023201641 (22) 15.03.2023
 (54) LVLD Balance Shoes for balance training
 (51) Int. Cl.
 A43B 13/18 (2006.01)
 A43B 1/14 (2006.01)
 A43B 13/28 (2006.01)
 A61B 5/00 (2006.01)
 A63B 23/04 (2006.01)
 A63B 26/00 (2006.01)
 A43B 3/00 (2022.01)
 A43B 3/36 (2022.01)
 A43B 3/44 (2022.01)
 (43) 10.10.2024
 (72) Da'na, Ahmed
 (74) Ahmed Da'na

Daiichi Sankyo Company, Limited see AstraZeneca UK Limited
 (21) 2024219803

(71) Deep Labs, Inc.
 (11) AU-A-2024219930
 (21) 2024219930 (22) 20.09.2024
 (54) Systems and methods for generating hash trees and using neural networks to process the same
 (51) Int. Cl.
 G06N 3/02 (2006.01)
 G06N 3/063 (2023.01)
 G06N 3/08 (2023.01)
 (43) 10.10.2024
 (62) 2019269746
 (72) FAITH, Patrick; EDINGTON, Scott
 (74) Davies Collison Cave Pty Ltd

(71) Deka Products Limited Partnership
 (11) AU-A-2024219976
 (21) 2024219976 (22) 23.09.2024
 (54) Medical Pump
 (51) Int. Cl.
 A61M 5/142 (2006.01)

A61M 5/145 (2006.01)
 A61M 39/28 (2006.01)
 (43) 10.10.2024
 (62) 2022204330
 (72) BAIER, Michael J.; BLUMBERG Jr., David; BODDINGTON, Hugh J.; FRIEDRICH, Thomas A.; GIROUARD, Paul G.; GRAY, Larry B.; NIVENS, David C.
 (74) HENRY HUGHES IP LTD

(71) DEKA Products Limited Partnership
 (11) AU-A-2024219838
 (21) 2024219838 (22) 18.09.2024
 (54) Apparatus for monitoring, regulating, or controlling fluid flow
 (51) Int. Cl.
 A61M 5/14 (2006.01)
 A61M 5/142 (2006.01)
 A61M 5/168 (2006.01)
 (43) 10.10.2024
 (62) 2022204682
 (72) DALE, James D.; FICHERA, Stephen L.; GRAY, Larry; KAMEN, Dean; LANGAN, Matthew; MORGAN, Frederick; VAN DER MERWE, Dirk A.; YOO, Brian H.
 (74) HENRY HUGHES IP LTD

(71) DePuy Synthes Products, Inc.
 (11) AU-A-2024219952
 (21) 2024219952 (22) 20.09.2024
 (54) Orthopaedic prosthesis for an interphalangeal joint
 (51) Int. Cl.
 A61F 2/42 (2006.01)
 (43) 10.10.2024
 (62) 2018364678
 (72) DION, Donald; LAWRENCE, Chad
 (74) Spruson & Ferguson

(71) Diehl Defence GmbH & Co. KG
 (11) AU-A-2024201419
 (21) 2024201419 (22) 04.03.2024
 (54) Sight for a HPEM effector
 (51) Int. Cl.
 F41G 3/16 (2006.01)
 F41G 1/00 (2006.01)
 F41G 3/06 (2006.01)
 F41G 3/22 (2006.01)
 F41H 13/00 (2006.01)
 G01S 19/00 (2010.01)
 G02B 23/00 (2006.01)
 G06V 20/58 (2022.01)
 G06V 20/64 (2022.01)
 (31) 10 2023 001 156.8 (32) 24.03.23 (33) DE
 (43) 10.10.2024
 (72) STAHLMANN, Christoph
 (74) Spruson & Ferguson

(71) Diogenes Limited
 (11) AU-A-2024219742
 (21) 2024219742 (22) 13.09.2024
 (54) Wagering apparatus, methods and systems
 (51) Int. Cl.
 G07F 17/32 (2006.01)

G06Q 50/34 (2012.01)
 (43) 10.10.2024
 (62) 2022224831
 (72) MARANTELLI, Bernard J.
 (74) FB Rice Pty Ltd

(71) Diogenes Limited
 (11) AU-A-2024219834
 (21) 2024219834 (22) 18.09.2024
 (54) Wagering apparatus, methods and systems
 (51) Int. Cl.
 G07F 17/32 (2006.01)
 (43) 10.10.2024
 (62) 2022215176
 (72) MARANTELLI, Bernard J.
 (74) FB Rice Pty Ltd

(71) Disney Enterprises, Inc.
 (11) AU-A-2024201847
 (21) 2024201847 (22) 21.03.2024
 (54) TELEPRESENCE SYSTEM
 (51) Int. Cl.
 G06F 3/04847 (2022.01)
 G06F 3/0482 (2013.01)
 G06F 3/04842 (2022.01)
 G06F 3/14 (2006.01)
 G06F 17/40 (2006.01)
 H04N 7/15 (2006.01)
 (31) 63/453,634 (32) 21.03.23 (33) US
 (43) 10.10.2024
 (72) DRAKE, Edward; POPP, Joseph M.; SCOTT, David S.; DAWES, Emme Anaïs; BROWN, Austin Riley
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) EConcrete Tech Ltd
 (11) AU-A-2024219741
 (21) 2024219741 (22) 13.09.2024
 (54) Interlocking ecological armoring units and uses thereof in forming a costal barrier
 (51) Int. Cl.
 E02B 3/12 (2006.01)
 A01K 61/70 (2017.01)
 A01K 61/73 (2017.01)
 A01K 61/77 (2017.01)
 E02B 3/04 (2006.01)
 E02B 3/06 (2006.01)
 (43) 10.10.2024
 (62) 2021225502
 (72) SELLA, Ido; SAAR, Barak
 (74) Griffith Hack

(71) ELI LILLY AND COMPANY
 (11) AU-A-2024219783
 (21) 2024219783 (22) 17.09.2024
 (54) LONG-ACTING AMYLIN RECEPTOR AGONISTS AND USES THEREOF
 (51) Int. Cl.
 C07K 14/605 (2006.01)
 A61K 38/00 (2006.01)
 A61K 38/17 (2006.01)
 A61K 38/22 (2006.01)
 A61P 3/10 (2006.01)

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(43) 10.10.2024
 (62) 2022228541
 (72) ABRAHAM, Milata Mary; BRIERE, Daniel Anthony; GUO, Lili; KEYSER, Samantha Grace Lyons; LEE, John; QU, Hongchang
 (74) Davies Collison Cave Pty Ltd

(71) Else Nutrition GH Ltd
 (11) AU-A-2024219722
 (21) 2024219722 (22) 13.09.2024
 (54) Non-dairy formulae
 (51) Int. Cl.
 A23L 2/00 (2006.01)
 (43) 10.10.2024
 (62) 2022202411
 (72) Kesler, Uriel; Hamutal, Yitzhak
 (74) Griffith Hack

(71) Elypta AB
 (11) AU-A-2024219766
 (21) 2024219766 (22) 16.09.2024
 (54) Cancer biomarkers
 (51) Int. Cl.
 G01N 33/574 (2006.01)
 G01N 33/66 (2006.01)
 (43) 10.10.2024
 (62) 2018231421
 (72) Gatto, Francesco; Nielsen, Jens
 (74) Griffith Hack

(71) Emory University
 (11) AU-A-2024219862
 (21) 2024219862 (22) 19.09.2024
 (54) 4'-HALOGEN CONTAINING NUCLEOTIDE AND NUCLEOSIDE THERAPEUTIC COMPOSITIONS AND USES RELATED THERETO
 (51) Int. Cl.
 C07D 307/12 (2006.01)
 A61K 31/505 (2006.01)
 C07D 239/10 (2006.01)
 C07D 405/04 (2006.01)
 (43) 10.10.2024
 (62) 2019231725
 (72) PAINTER, George R.; PERRYMAN, David; BLUEMLING, Gregory R.
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Emory University
 (11) AU-A-2024219950
 (21) 2024219950 (22) 20.09.2024
 (54) Methods of treating cancer and infectious diseases using cell based therapies
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 35/14 (2015.01)
 A61K 35/28 (2015.01)
 A61K 38/16 (2006.01)
 A61K 38/17 (2006.01)
 A61K 38/22 (2006.01)
 A61K 38/54 (2006.01)
 A61K 39/12 (2006.01)
 A61K 39/395 (2006.01)
 A61K 45/06 (2006.01)

(43) 10.10.2024
 (62) 2017246289
 (72) WALLER, Edmund; MORRIS, Anna; PETERSEN, Christopher; LI, Jian-Ming; PANJWANI, Reema; LI, Jingxia
 (74) Spruson & Ferguson

(71) Encore Medical, LP DBA DJO Surgical
 (11) AU-A-2024219835
 (21) 2024219835 (22) 18.09.2024
 (54) JOINT IMPLANTS HAVING POROUS STRUCTURES FORMED UTILIZING ADDITIVE MANUFACTURING AND RELATED SYSTEMS AND METHODS
 (51) Int. Cl.
 B22F 3/105 (2006.01)
 A61F 2/38 (2006.01)
 B22F 3/11 (2006.01)
 B22F 5/10 (2006.01)
 B33Y 10/00 (2015.01)
 B33Y 50/00 (2015.01)
 B33Y 80/00 (2015.01)
 G06F 30/10 (2020.01)

(43) 10.10.2024
 (62) 2020437666
 (72) PATEL, Rachel; BORCHERT, Jeremy; GREEN, John; DREW, Alex
 (74) AJ PARK

(71) Epizyme, Inc.
 (11) AU-A-2024219786
 (21) 2024219786 (22) 17.09.2024
 (54) Methods of using EHMT2 inhibitors in immunotherapies
 (51) Int. Cl.
 A61K 31/505 (2006.01)
 A61K 31/506 (2006.01)
 A61K 31/513 (2006.01)
 A61P 17/00 (2006.01)
 A61P 19/00 (2006.01)
 A61P 21/00 (2006.01)

(43) 10.10.2024
 (62) 2018353139
 (72) COSMOPOULOS, Kat; PENEBRE, Elayne
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) EPS Investments Australia Pty Ltd
 (11) AU-A-2024220003
 (21) 2024220003 (22) 24.09.2024
 (54) PRESERVING BUILDINGS AND OTHER ASSETS FROM BUSHFIRES
 (51) Int. Cl.
 A62C 3/02 (2006.01)
 A62C 31/00 (2006.01)
 (43) 10.10.2024
 (62) 2022202542
 (72) Sprod, Geoffrey James
 (74) Fraser Old & Sohn

(71) Essilor International
 (11) AU-A-2024219852
 (21) 2024219852 (22) 18.09.2024
 (54) Optical deficiency monitoring equipment comprising a pair of eyeglasses
 (51) Int. Cl.

G02C 11/00 (2006.01)
 A61B 3/113 (2006.01)
 A61B 5/11 (2006.01)
 G02C 7/02 (2006.01)
 G02C 7/06 (2006.01)
 G08B 21/02 (2006.01)
 (43) 10.10.2024
 (62) 2021313356
 (72) DROBE, Bjorn; YANG, Adeline
 (74) Griffith Hack

(71) Etablissement Francais du Sang; INSERM (Institut National de la Sante et de la Recherche Medicale); Centre National de la Recherche Scientifique; Institut de Radioprotection et de Sûreté Nucléaire; Sorbonne Universit#; Université Paris-Saclay
 (11) AU-A-2024219771
 (21) 2024219771 (22) 16.09.2024
 (54) Methods of improving hematopoietic grafts
 (51) Int. Cl.
 C12N 5/0789 (2010.01)
 (43) 10.10.2024
 (62) 2018240416
 (72) GUYONNEAU-HARMAND, Laurence; DETERKE, Christophe; JAFFREDO, Thierry; CHAPEL, Alain; GARCON, Lo#c; DOUAY, Luc
 (74) Spruson & Ferguson

(71) EuroChem Antwerpen
 (11) AU-A-2024219831
 (21) 2024219831 (22) 18.09.2024
 (54) N-HETEROCYCLIC COMPOUNDS USED AS NITRIFICATION INHIBITOR
 (51) Int. Cl.
 C05G 3/90 (2020.01)
 A01N 43/76 (2006.01)
 A01N 43/78 (2006.01)
 A01N 43/90 (2006.01)
 C07D 263/16 (2006.01)
 C07D 277/14 (2006.01)
 C07D 277/16 (2006.01)
 C07D 277/26 (2006.01)
 C07D 417/12 (2006.01)
 C07D 417/14 (2006.01)
 C07D 471/04 (2006.01)
 C07D 513/04 (2006.01)

(43) 10.10.2024
 (62) 2021339955
 (72) HABERMÜLLER, Heiko; HENKE, Catarina; THOMAS, Mannheim; PETERS, Nils; BEECKMAN, Fabian; MOTTE, Hans; DROZDZECKI, Andrzej; AUDENAERT, Dominique; BEECKMAN, Tom
 (74) Alder IP Pty Ltd

(71) EuroChem Antwerpen
 (11) AU-A-2024219833
 (21) 2024219833 (22) 18.09.2024
 (54) N-HETEROCYCLIC COMPOUNDS USED AS NITRIFICATION INHIBITOR
 (51) Int. Cl.
 C05G 3/90 (2020.01)
 A01N 43/76 (2006.01)
 A01N 43/78 (2006.01)

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A01N 43/90 (2006.01)
C07D 263/16 (2006.01)
C07D 277/14 (2006.01)
C07D 277/16 (2006.01)
C07D 277/26 (2006.01)
C07D 417/12 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07D 513/04 (2006.01)
(43) 10.10.2024
(62) 2021339955
(72) HABERMÜLLER, Heiko; HENKE, Catarina; THOMAS, Mannheim; PETERS, Nils; BEECKMAN, Fabian; MOTTE, Hans; DROZDZECKI, Andrzej; AUDENAERT, Dominique; BEECKMAN, Tom
(74) Alder IP Pty Ltd

(71) Evoqua Water Technologies LLC
(11) AU-A-2024219760
(21) 2024219760 **(22)** 16.09.2024
(54) Simultaneous nitrification/denitrification (SNDN) in sequencing batch reactor applications
(51) Int. Cl.
C02F 1/74 (2023.01)
C02F 3/14 (2023.01)
C02F 3/26 (2023.01)
C02F 3/30 (2023.01)
C02F 3/34 (2023.01)
C02F 9/00 (2023.01)
(43) 10.10.2024
(62) 2018331439
(72) OLSON, Brandon Martin
(74) Spruson & Ferguson

Exact Sciences Corporation see Mayo Foundation for Medical Education and Research
(21) 2024219684

Exact Sciences Corporation see Mayo Foundation for Medical Education and Research
(21) 2024219908

(71) EXEL Industries
(11) AU-A-2024202615
(21) 2024202615 **(22)** 22.04.2024
(54) Composter
(51) Int. Cl.
A47J 47/18 (2006.01)
A47J 43/00 (2006.01)
A47J 47/02 (2006.01)
B65D 83/00 (2006.01)
B65D 85/50 (2006.01)
B65F 1/00 (2006.01)
B65F 1/12 (2006.01)
B65F 1/14 (2006.01)
(31) 2304011.6 **(32)** 20.03.23 **(33)** GB
(43) 10.10.2024
(72) BOULTER, Georgia
(74) FB Rice Pty Ltd

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024219642
(21) 2024219642 **(22)** 12.09.2024
(54) SUBSTANCE DELIVERY ARRANGEMENT FOR GAS THERAPY DEVICE
(51) Int. Cl.
A61M 39/10 (2006.01)
A61M 16/08 (2006.01)
(43) 10.10.2024
(62) 2022203797
(72) Kirton, Robert Stuart; O'Donnell, Kevin Peter; Kramer, Martin Paul Friedrich; Tatkov, Stanislav
(74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024219792
(21) 2024219792 **(22)** 17.09.2024
(54) HEADGEAR FOR A RESPIRATORY MASK
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 10.10.2024
(62) 2022204714
(72) WALLS, Bruce Michael; STEPHENSON, Matthew Roger; YOUNG, Jeremy Owen
(74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024219793
(21) 2024219793 **(22)** 17.09.2024
(54) RESPIRATORY MASK SYSTEM
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 10.10.2024
(62) 2018392215
(72) MCLAREN, Mark Arvind; HUDDART, Brett John; HAMMER, Jeroen; SLIGHT, Matthew Robert Geoff; KAPELEVICH, Vitaly; FELIX, David Monroy
(74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024220007
(21) 2024220007 **(22)** 24.09.2024
(54) HEADGEAR FOR BREATHING MASK
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 10.10.2024
(62) 2022202399
(72) Middelkoop, Kirstin Elizabeth; Bearn, Peter David Alexander; Patel, Roheet; Mashal, Fadi Karim Moh'd; Cox, Michael John Henri; Murphy, Blair Raymond Dadson
(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2024219999
(21) 2024219999 **(22)** 24.09.2024
(54) BREATHING ASSISTANCE APPARATUS WITH SERVICEABILITY FEATURES
(51) Int. Cl.
A61M 16/16 (2006.01)

(43) 10.10.2024
(62) 2022202559
(72) FRAME, Samuel Robertson; CRONE, Christopher Malcolm; QUILL, Christopher Simon James; O'DONNELL, Kevin Peter; HSU, Jack Che-Wei; HAN, John
(74) AJ PARK

(71) Fresenius Medical Care Holdings, Inc.
(11) AU-A-2024219772
(21) 2024219772 **(22)** 16.09.2024
(54) Rotary valves for dialysis systems
(51) Int. Cl.
A61M 1/14 (2006.01)
A61M 39/22 (2006.01)
(43) 10.10.2024
(62) 2019315359
(72) MOSS, Jon F.; EGLEY, Bert D.; JAMES, Philip Scott; PETERSON, James
(74) Davies Collison Cave Pty Ltd

(71) Gaida, J.C.
(11) AU-A-2024201881
(21) 2024201881 **(22)** 22.03.2024
(54) Apparatus for generating power from a fluid and method thereof
(51) Int. Cl.
F03B 17/02 (2006.01)
F04F 5/24 (2006.01)
F03B 17/04 (2006.01)
F03G 7/10 (2006.01)
(31) 2023900830 **(32)** 24.03.23 **(33)** AU
(43) 10.10.2024
(72) GAIDA, Juan Carlos
(74) Spruson & Ferguson

(71) Garino, J.
(11) AU-A-2024219978
(21) 2024219978 **(22)** 23.09.2024
(54) CRUCIATE REPLACING ARTIFICIAL KNEE
(51) Int. Cl.
A61F 2/38 (2006.01)
(43) 10.10.2024
(62) 2019232875
(72) GARINO, JONATHAN P.
(74) Oxygene IP

(71) Garino, J.
(11) AU-A-2024219979
(21) 2024219979 **(22)** 23.09.2024
(54) CRUCIATE REPLACING ARTIFICIAL KNEE
(51) Int. Cl.
A61F 2/38 (2006.01)
(43) 10.10.2024
(62) 2019232875
(72) GARINO, JONATHAN P.
(74) Oxygene IP

(71) Gen-Probe Incorporated
(11) AU-A-2024219904
(21) 2024219904 **(22)** 20.09.2024

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(54) Temperature-selectable fret cassette signaling
 (51) Int. Cl.
C12Q 1/6823 (2018.01)
 (43) 10.10.2024
 (62) 2022357542
 (72) GILLY, Michael J.; SHAH, Ankur H.; GILDER, Andrew S.
 (74) FB Rice Pty Ltd

(71) Gen-Probe Incorporated
 (11) AU-A-2024219949
 (21) 2024219949 (22) 20.09.2024
 (54) Compositions and methods for detecting or quantifying Parainfluenza virus
 (51) Int. Cl.
C12Q 1/6888 (2018.01)
C12Q 1/70 (2006.01)
 (43) 10.10.2024
 (62) 2024203855
 (72) MAJLESSI, Mehrdad; DOUGLASS, Pamela; KOLK, Daniel
 (74) FB Rice Pty Ltd

(71) Geomni, Inc.
 (11) AU-A-2024219725
 (21) 2024219725 (22) 13.09.2024
 (54) Computer vision systems and methods for automatically detecting, classifying, and pricing objects captured in images or videos
 (51) Int. Cl.
G06V 20/60 (2022.01)
G06V 10/10 (2022.01)
 (43) 10.10.2024
 (62) 2019291969
 (72) PORTER, Bryce Zachary; LEBARON, Dean
 (74) Davies Collison Cave Pty Ltd

(71) Geron Corporation
 (11) AU-A-2024219941
 (21) 2024219941 (22) 20.09.2024
 (54) Methods of treating myelodysplastic syndrome
 (51) Int. Cl.
A61K 31/7125 (2006.01)
A61P 7/00 (2006.01)
 (43) 10.10.2024
 (62) 2018307983
 (72) RIZO, Aleksandra; BUSSOLARI, Jacqueline Cirillo
 (74) FB Rice Pty Ltd

(71) Ginco Industries Pty Ltd
 (11) AU-A-2024219919
 (21) 2024219919 (22) 20.09.2024
 (54) MOVING SYSTEM, METHOD OF MOVING AN ITEM AND RELATED COMPONENTS
 (51) Int. Cl.
B66C 13/06 (2006.01)
A47B 47/02 (2006.01)
A47B 53/00 (2006.01)
B62B 3/02 (2006.01)
E04B 1/24 (2006.01)

(43) 10.10.2024
 (62) 2022202615
 (72) Imbrogno, Gino Paul
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Globberide, Inc.
 (11) AU-A-2024200263
 (21) 2024200263 (22) 16.01.2024
 (54) FISHING SPINNING REEL
 (51) Int. Cl.
A01K 89/01 (2006.01)
 (31) 2023-046667 (32) 23.03.23 (33) JP
 (43) 10.10.2024
 (72) TSUTSUMI, Wataru; UENO, Hayato
 (74) Griffith Hack

(71) Globberide, Inc.
 (11) AU-A-2024200265
 (21) 2024200265 (22) 16.01.2024
 (54) FISHING SPINNING REEL
 (51) Int. Cl.
A01K 89/01 (2006.01)
 (31) 2023-046668 (32) 23.03.23 (33) JP
 (43) 10.10.2024
 (72) TSUTSUMI, Wataru; UENO, Hayato
 (74) Griffith Hack

(71) Globberide, Inc.
 (11) AU-A-2024200269
 (21) 2024200269 (22) 16.01.2024
 (54) FISHING SPINNING REEL
 (51) Int. Cl.
A01K 89/01 (2006.01)
 (31) 2023-046669 (32) 23.03.23 (33) JP
 (43) 10.10.2024
 (72) TSUTSUMI, Wataru; UENO, Hayato
 (74) Griffith Hack

(71) Grand Performance Online Pty Limited
 (11) AU-A-2024219992
 (21) 2024219992 (22) 23.09.2024
 (54) Autonomous and integrated system, method and computer program for dynamic optimisation and allocation of resources for defined spaces and time periods
 (51) Int. Cl.
G06Q 50/12 (2012.01)
G06Q 10/02 (2012.01)
G06Q 10/04 (2023.01)
G06Q 10/08 (2023.01)
 (43) 10.10.2024
 (62) 2023200704
 (72) PETROULAS, Peter
 (74) Spruson & Ferguson

(71) GUPILAN Sr., S.C.
 (11) AU-A-2024219836
 (21) 2024219836 (22) 18.09.2024
 (54) Health hoop
 (51) Int. Cl.
A63B 89/02 (2006.01)

(43) 10.10.2024
 (62) 2019303774
 (72) GUPILAN Sr., Salvador Camino
 (74) Dentons Patent Attorneys Australasia Limited

(71) HALLIBURTON ENERGY SERVICES, INC.
 (11) AU-A-2024219723
 (21) 2024219723 (22) 13.09.2024
 (54) MULTI-FIBER SENSING TOPOLOGY FOR SUBSEA WELLS
 (51) Int. Cl.
E21B 47/125 (2012.01)
E21B 17/02 (2006.01)
E21B 47/14 (2006.01)
 (43) 10.10.2024
 (62) 2021460024
 (72) WILSON, Glenn Andrew; MOE, Sigurd; ELLMAUTHALER, Andreas; DUPREE, James
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Heat and Control, Inc.
 (11) AU-A-2024219981
 (21) 2024219981 (22) 23.09.2024
 (54) Method for producing a multilayered coated food product
 (51) Int. Cl.
A23P 20/10 (2016.01)
A23P 20/20 (2016.01)
 (43) 10.10.2024
 (62) 2021259524
 (72) BECERRA ANDRADE, Emmanuel; CARIDIS, Andrew Anthony
 (74) Spruson & Ferguson

(71) Hemosonics, LLC
 (11) AU-A-2024219744
 (21) 2024219744 (22) 14.09.2024
 (54) DISPOSABLE SYSTEM FOR ANALYSIS OF HEMOSTATIC FUNCTION
 (51) Int. Cl.
G01N 33/49 (2006.01)
 (43) 10.10.2024
 (62) 2018254584
 (72) Viola, Francesco; Higgins, Timothy; Homyk, Andrew; Corey, F. Scott; Regan, Frank; Walker, William F.; Bryant, David; Givens, Thomas
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) PET FOOD COMPOSITIONS
 (51) Int. Cl.
A23K 20/158 (2016.01)
A23K 50/40 (2016.01)
A23K 50/42 (2016.01)

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 (72) BADRI, Dayakar; JACKSON, Matthew; JEWELL, Dennis
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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 (11) AU-A-2024219732
 (21) 2024219732 (22) 13.09.2024
 (54) Context discovery system and method
 (51) Int. Cl.
G06F 7/00 (2006.01)
G08B 25/00 (2006.01)

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 (72) STLUKA, Petr; VASS, Jiri
 (74) FPA Patent Attorneys Pty Ltd

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 (54) SIGNALING SUBPICTURE IDS IN SUBPICTURE BASED VIDEO CODING
 (51) Int. Cl.
H04N 19/30 (2014.01)
H04N 19/70 (2014.01)

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 (72) Wang, Ye-Kui
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Humax Co., Ltd.
 (11) AU-A-2024219800
 (21) 2024219800 (22) 17.09.2024
 (54) METHOD AND DEVICE FOR PROCESSING VIDEO SIGNAL BY USING PICTURE HEADER
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/119 (2014.01)
H04N 19/174 (2014.01)
H04N 19/186 (2014.01)
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 (54) ATTACHMENT DEVICE FOR ATTACHING SELF-SEALING PLATES TO THE EXTERNAL WALL OF A TANK, ASSEMBLY EQUIPPED WITH SUCH AN ATTACHMENT DEVICE AND ASSOCIATED MOUNTING METHOD
 (51) Int. Cl.
B60K 15/03 (2006.01)
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 (21) 2024201867 (22) 21.03.2024
 (54) Apparatus and method for reducing airborne dust
 (51) Int. Cl.
B23Q 11/00 (2006.01)
 (31) 2023900802 (32) 22.03.23 (33) AU
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 (72) BEARDMORE, Dean; MARSHALL, Bryan
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
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 (21) 2024201868 (22) 21.03.2024
 (54) Apparatus and method for dust removal
 (51) Int. Cl.
E21C 35/22 (2006.01)
B08B 5/02 (2006.01)
B08B 5/04 (2006.01)
B08B 15/04 (2006.01)
B23Q 11/00 (2006.01)
E21B 21/01 (2006.01)
E21F 5/20 (2006.01)
 (31) 2023900804 (32) 22.03.23 (33) AU
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 (72) BEARDMORE, Dean; MARSHALL, Bryan
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(71) Illinois Tool Works Inc.
 (11) AU-A-2024219889
 (21) 2024219889 (22) 19.09.2024
 (54) Fastening of weatherboards and the like with a powered fastening tool
 (51) Int. Cl.
B25C 7/00 (2006.01)
B25C 1/00 (2006.01)
E04B 1/38 (2006.01)
F16B 15/02 (2006.01)
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 (62) 2018204271
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 (11) AU-A-2024219868
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 (54) Extracorporeal Circuit and Column Design Therefore
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A61M 1/34 (2006.01)
A61M 1/16 (2006.01)
A61M 1/36 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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C07D 487/04 (2006.01)
A61K 31/395 (2006.01)
A61K 31/435 (2006.01)
A61K 31/4353 (2006.01)
A61K 31/437 (2006.01)
A61K 31/495 (2006.01)
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C07D 471/02 (2006.01)
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 (11) AU-A-2024219822
 (21) 2024219822 (22) 18.09.2024
 (54) TREATMENT OF HIDRADENITIS SUPPURATIVA USING JAK INHIBITORS
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/437 (2006.01)
A61K 45/06 (2006.01)
A61P 17/10 (2006.01)
 (43) 10.10.2024
 (62) 2019245420
 (72) HOWELL, Michael D.; SMITH, Paul
 (74) Houlihan Intellectual Property Pty Ltd

(71) Inovio Pharmaceuticals, Inc.
 (11) AU-A-2024219737
 (21) 2024219737 (22) 13.09.2024
 (54) Electroporation device with improved signal generator
 (51) Int. Cl.
A61N 1/04 (2006.01)
A61N 1/24 (2006.01)
A61N 1/30 (2006.01)
A61N 1/32 (2006.01)
A61N 1/40 (2006.01)
C12N 13/00 (2006.01)
H02M 3/335 (2006.01)
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 (62) 2022202761
 (72) STADELMANN, Beat
 (74) FB Rice Pty Ltd

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 (21) 2024219771

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(21) 2024205089

(71) International Business Machines Corporation

(11) AU-A-2024219853
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(54) Rendering privacy aware advertisements in mixed reality space

(51) Int. Cl.
G06Q 30/00 (2023.01)

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(71) Intervet International B.V.

(11) AU-A-2024219936

(21) 2024219936 (22) 20.09.2024

(54) Isoxazoline compositions and their use as antiparasitics

(51) Int. Cl.
A01N 43/80 (2006.01)

A01N 47/12 (2006.01)

A01N 47/18 (2006.01)

A01N 47/42 (2006.01)

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A01P 7/00 (2006.01)

A61K 31/42 (2006.01)

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(54) ORGANIC COMPOUNDS

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A61K 31/4985 (2006.01)

A61K 31/5383 (2006.01)

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B31B 70/02 (2017.01)

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2023-148592 13.09.23 JP

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(71) Itron Global SARL

(11) AU-A-2024219903

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(54) Traceroute method to identify devices in tunneled segment of routing path

(51) Int. Cl.
H04L 12/733 (2013.01)

H04L 12/26 (2006.01)

H04L 12/46 (2006.01)

H04L 12/721 (2013.01)

H04L 29/12 (2006.01)

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(72) MONIER, Fabrice; LAINANI, Madani

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(71) JANI INTERNATIONAL PTE. LTD.

(11) AU-A-2024219850

(21) 2024219850 (22) 18.09.2024

(54) Carrier, locking base assembly, supporting frame and wheeled carrying apparatus

(51) Int. Cl.

B62B 7/06 (2006.01)

A01K 1/02 (2006.01)

A47D 13/02 (2006.01)

B60N 2/28 (2006.01)

B62B 7/14 (2006.01)

B62B 9/10 (2006.01)

B62B 9/14 (2006.01)

B62B 9/18 (2006.01)

F16F 9/54 (2006.01)

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(74) Allens Patent & Trade Mark Attorneys

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(51) Int. Cl.

C09B 62/008 (2006.01)

A61L 27/00 (2006.01)

C08F 220/30 (2006.01)

C09B 62/465 (2006.01)

G02B 1/04 (2006.01)

G02C 7/04 (2006.01)

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(71) JPL Global, LLC

(11) AU-A-2024219787

(21) 2024219787 (22) 17.09.2024

(54) Circular saw apparatus with integrated multistage filtration system

(51) Int. Cl.

B27B 5/00 (2006.01)

B23D 47/00 (2006.01)

B23Q 11/02 (2006.01)

B27B 5/29 (2006.01)

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(54) Devices and methods for cessation of nicotine addiction

(51) Int. Cl.

A61M 15/06 (2006.01)

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(72) COHEN, Gal A.

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(71) JUUL Labs, Inc.

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(54) Puff sensing and power circuitry for vaporizer devices

(51) Int. Cl.

A24F 47/00 (2020.01)

(43) 10.10.2024

(62) 2018372233

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(71) Kabushiki Kaisha Toshiba

(11) AU-A-2023216792

(21) 2023216792 (22) 16.08.2023

(54) Electrolysis device

(51) Int. Cl.

C25B 3/26 (2021.01)

C25B 1/02 (2006.01)

C25B 1/23 (2021.01)

C25B 9/19 (2021.01)

C25B 15/08 (2006.01)

H01M 4/80 (2006.01)

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(74) Davies Collison Cave Pty Ltd

(71) Kabushiki Kaisha Toshiba

(11) AU-A-2023222916

(21) 2023222916 (22) 31.08.2023

(54) Electrolysis system and method of driving electrolysis system

(51) Int. Cl.

C25B 9/60 (2021.01)

C25B 1/04 (2021.01)

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 (21) 2023229473 (22) 11.09.2023
 (54) Carbon dioxide electrolytic device and method of electrolyzing carbon dioxide
 (51) Int. Cl.
C25B 3/26 (2021.01)
C25B 1/04 (2021.01)
C25B 1/135 (2021.01)
C25B 1/23 (2021.01)
C25B 11/063 (2021.01)
C25B 15/08 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

(71) Kabushiki Kaisha Toshiba
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 (21) 2024201443 (22) 05.03.2024
 (54) Carbon dioxide electrolytic device and method of electrolyzing carbon dioxide
 (51) Int. Cl.
C25B 3/26 (2021.01)
C25B 1/04 (2021.01)
C25B 1/23 (2021.01)
C25B 3/00 (2021.01)
C25B 15/02 (2021.01)
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 (54) Dispensing system
 (51) Int. Cl.
A47K 10/24 (2006.01)
A47K 5/06 (2006.01)
A47K 10/32 (2006.01)
A47K 10/36 (2006.01)
A47K 10/38 (2006.01)
A61L 9/12 (2006.01)
A61L 9/14 (2006.01)
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 (11) AU-A-2024204665
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 (54) A TUBULAR SLEEVE
 (51) Int. Cl.
B32B 27/08 (2006.01)
B29C 48/08 (2019.01)

B32B 1/08 (2006.01)
B32B 27/30 (2006.01)
B32B 27/32 (2006.01)
B32B 37/12 (2006.01)
 (31) 202321020590 (32) 23.03.23 (33) IN
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 (72) KRISHNAN NAIR, Hariharan; POZHAL VENGU, Gurunath
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 (54) A PACKAGING LAMINATE
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B32B 27/30 (2006.01)
B32B 7/12 (2006.01)
B32B 9/00 (2006.01)
B32B 27/32 (2006.01)
B32B 27/40 (2006.01)
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(71) Lauren, M.; Murphy, R.; Vascudyne Inc; Schankereli, K.
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 (54) REGENERATIVE TISSUE AND NATURAL TISSUE IMPLANTS
 (51) Int. Cl.
A61L 27/38 (2006.01)
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 (72) Murphy, Richard; Schankereli, Kemal; Lauren, Mark
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(71) Lewis, M.
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 (21) 2023201730 (22) 20.03.2023
 (54) AN IMPROVED SAFETY SAW
 (51) Int. Cl.
B27G 19/04 (2006.01)
B23D 47/06 (2006.01)
F16P 3/20 (2006.01)
B23D 45/04 (2006.01)
B23D 59/00 (2006.01)
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 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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 (21) 2024201121 (22) 21.02.2024
 (54) Refrigerator
 (51) Int. Cl.
E05F 3/04 (2006.01)
F25D 23/02 (2006.01)
 (31) 10-2023-0038919 (32) 24.03.23 (33) KR
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 (54) Refrigerator
 (51) Int. Cl.
F25D 23/02 (2006.01)
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 (74) FB Rice Pty Ltd

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 (11) AU-A-2024219858
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 (54) INDUCTION HEATING TYPE COOKTOP
 (51) Int. Cl.
H05B 6/12 (2006.01)
H05B 6/06 (2006.01)
 (43) 10.10.2024
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 (72) KIM, Seongjun; KIM, Wontae; HWANG, Seonghoon
 (74) Dentons Patent Attorneys Australasia Limited

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 (11) AU-A-2024219887
 (21) 2024219887 (22) 19.09.2024
 (54) Clothing treatment apparatus
 (51) Int. Cl.
D06F 58/12 (2006.01)
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 (72) HEO, Junyi; NAM, Bohyun; LEE, Donghwan; LEE, Wonjun; KIM, Seonkyu
 (74) Dentons Patent Attorneys Australasia Limited

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 (21) 2024219886 (22) 19.09.2024
 (54) Refrigerator
 (51) Int. Cl.
F25D 31/00 (2006.01)
F25B 29/00 (2006.01)
F25D 17/06 (2006.01)
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 (72) PARK, Jeongwon; CHUNG, Myungjin; SEONG, Giseok; KIM, Kyungseok; HAN, Tackwon; SUH, Yonghun; KIM, Jinho
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 (11) AU-A-2024219958
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A47B 3/08 (2006.01)

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 (54) CRANK APPARATUS EQUIPPED WITH LABOR-
 SAVING MECHANISM AND BICYCLE CRANK ASSEMBLY
 (51) Int. Cl.
 B62M 3/02 (2006.01)
 B62M 1/36 (2013.01)
 (31) 112110515 (32) 21.03.23 (33) TV
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 (72) LIN, Hsuan-Chih; LIN, Kai-Wen
 (74) Wrays Pty Ltd

(71) MAKO Surgical Corp.
 (11) AU-A-2024219818
 (21) 2024219818 (22) 18.09.2024
 (54) Robotic cutting systems and methods for surgical saw blade cutting on hard tissue
 (51) Int. Cl.
 A61B 34/30 (2016.01)
 A61B 34/32 (2016.01)
 B25J 9/16 (2006.01)
 (43) 10.10.2024
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 (72) GIHOOLEY, Seamus; BOWLING, David Gene; SHIELS, Paul
 (74) Davies Collison Cave Pty Ltd

(71) Mayo Foundation for Medical Education and Research; Exact Sciences Corporation
 (11) AU-A-2024219684
 (21) 2024219684 (22) 13.09.2024
 (54) Detecting prostate cancer
 (51) Int. Cl.
 C12N 15/09 (2006.01)
 C04B 20/04 (2006.01)
 C12Q 1/68 (2018.01)
 (43) 10.10.2024
 (62) 2018229294
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 (74) Spruson & Ferguson

(71) Mayo Foundation for Medical Education and Research; Veracyte SD, Inc.
 (11) AU-A-2024219781
 (21) 2024219781 (22) 17.09.2024
 (54) Cancer diagnostics using biomarkers
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 C40B 30/04 (2006.01)

G01N 33/574 (2006.01)
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 (72) BUERKI, Christine; CRISAN, Anamaria; DAVICIONI, Elai; ERHO, Nicholas George; GHADESSI, Mercedeh; JENKINS, Robert B.; VERGARA CORREA, Ismael
 (74) FB Rice Pty Ltd

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 (54) Detection of colon neoplasia by analysis of methylated DNA
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 G01N 33/48 (2006.01)
 G01N 33/50 (2006.01)
 G16C 10/00 (2019.01)
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 (74) Davies Collison Cave Pty Ltd

(71) Maytronics Ltd.
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 (54) Pool Related Platform (PRP)
 (51) Int. Cl.
 E04H 4/16 (2006.01)
 G01S 15/00 (2020.01)
 G01S 15/66 (2006.01)
 (31) 301519 (32) 20.03.23 (33) IL
 (43) 10.10.2024
 (72) Kehati, Avshalom
 (74) Michael Buck IP

(71) Medicenna Therapeutics Inc.
 (11) AU-A-2024219911
 (21) 2024219911 (22) 20.09.2024
 (54) Uses and methods for IL-2 superagonists, agonists, and fusions thereof
 (51) Int. Cl.
 A61K 39/395 (2006.01)
 A61K 38/20 (2006.01)
 A61P 35/00 (2006.01)
 C07K 14/55 (2006.01)
 C07K 16/28 (2006.01)
 (43) 10.10.2024
 (62) 2018287317
 (72) FIDAI, Shafique; MERCHANT, Fahar
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Merck Patent GmbH
 (11) AU-A-2024219872
 (21) 2024219872 (22) 19.09.2024
 (54) Process system for bioreactor-based clean meat production
 (51) Int. Cl.
 C12M 1/00 (2006.01)
 A23L 13/00 (2016.01)

C12M 3/00 (2006.01)
 C12N 5/0735 (2010.01)
 C12N 5/077 (2010.01)
 (43) 10.10.2024
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 (72) WEISSENBACH, Jean-Louis; SYLVIA, Ryan; VON DER BRELIE, Almut; BRANDL, Melanie; FESENFELD, Michaela
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Meridian Manufacturing Inc.
 (11) AU-A-2024201601
 (21) 2024201601 (22) 12.03.2024
 (54) Adjustable belt seal
 (51) Int. Cl.
 B65G 21/20 (2006.01)
 B65B 35/24 (2006.01)
 B65G 15/00 (2006.01)
 (31) 63/453,636 (32) 21.03.23 (33) US
 (43) 10.10.2024
 (72) Plett, Samuel J.; Loewen, Adolf
 (74) Minter Ellison

(71) Microgifts Pty Ltd
 (11) AU-A-2023201824
 (21) 2023201824 (22) 23.03.2023
 (54) 2-Click Gift Card
 (51) Int. Cl.
 G06Q 20/34 (2012.01)
 G06Q 20/32 (2012.01)
 (43) 10.10.2024
 (72) Roche, Nicholas; Rigby, Stewart
 (74) GIFT CARDS DIRECT PTY LTD

(71) Minn-Dak Farmers Cooperative
 (11) AU-A-2024219859
 (21) 2024219859 (22) 18.09.2024
 (54) Field application of sugars to increase crop yield
 (51) Int. Cl.
 A01N 43/16 (2006.01)
 A01N 25/02 (2006.01)
 C05F 11/10 (2006.01)
 (43) 10.10.2024
 (62) 202221844
 (72) WICKSTROM, Kurtis H.; METZGER, Michael S.
 (74) Griffith Hack

Murphy, R. see Lauren, M.

(21) 2024219809

(71) Myriad Women's Health, Inc.
 (11) AU-A-2024219901
 (21) 2024219901 (22) 19.09.2024
 (54) COPY NUMBER VARIANT CALLER
 (51) Int. Cl.
 G16B 20/10 (2019.01)
 G16H 50/20 (2018.01)
 (43) 10.10.2024
 (62) 2019280571
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 (11) AU-A-2023201840
 (21) 2023201840 (22) 24.03.2023
 (54) BIRD NET
 (51) Int. Cl.
 A01K 45/00 (2006.01)
 F16B 7/04 (2006.01)
 (43) 10.10.2024
 (72) Fidler, Michael; Fitt, Gary
 (74) IP Flourish

(71) Net-Thunder, LLC
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 (21) 2024220004 (22) 24.09.2024
 (54) AUTOMATICALLY DEPLOYED INFORMATION TECHNOLOGY (IT) SYSTEM AND METHOD
 (51) Int. Cl.
 G06F 15/16 (2006.01)
 G06F 15/177 (2006.01)
 (43) 10.10.2024
 (62) 2018379088
 (72) SCHMITT, Parker John; RICHARDSON, Sean Michael; SEMMEL, Neil Benjamin; SPRY, Cameron Tyler
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Neurocrine Biosciences, Inc.
 (11) AU-A-2024219813
 (21) 2024219813 (22) 17.09.2024
 (54) CRF1 receptor antagonists for the treatment of congenital adrenal hyperplasia
 (51) Int. Cl.
 A61K 31/427 (2006.01)
 A61K 31/4985 (2006.01)
 A61K 31/519 (2006.01)
 (43) 10.10.2024
 (62) 2022263460
 (72) GRIGORIADIS, Dimitri, E.
 (74) FB Rice Pty Ltd

(71) New-Tec Integration (Xiamen) Co., Ltd.
 (11) AU-A-2024220002
 (21) 2024220002 (22) 24.09.2024
 (54) ELASTIC MODULE AND ELASTIC PAD FOR FURNITURE
 (51) Int. Cl.
 A47C 27/05 (2006.01)
 (43) 10.10.2024
 (62) 2020366475
 (72) LENG, Luhao
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Nexttracker Inc.
 (11) AU-A-2024219881
 (21) 2024219881 (22) 19.09.2024
 (54) SYSTEMS AND METHODS FOR PHOTOVOLTAIC DIRECT CURRENT (DC) BUS CONTROL
 (51) Int. Cl.
 H02S 40/36 (2014.01)

(43) 10.10.2024
 (62) 2023219995
 (72) LIU, Yang; AU, Alexander W.; GU, Fei
 (74) Michael Buck IP

(71) Ningbo Poolstar Pool Products Co., Ltd.
 (11) AU-A-2023229508
 (21) 2023229508 (22) 12.09.2023
 (54) SUCTION POOL CLEANER
 (51) Int. Cl.
 E04H 4/16 (2006.01)
 (31) 202320568235.5 (32) 22.03.23 (33) CN
 (43) 10.10.2024
 (72) Chen, Liang
 (74) Madderns Pty Ltd

(71) Nokia Technologies Oy
 (11) AU-A-2024219810
 (21) 2024219810 (22) 17.09.2024
 (54) Random access in communication system
 (51) Int. Cl.
 H04W 72/04 (2023.01)
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 (62) 2024201999
 (72) TURTINEN, Samuli; WU, Chunli
 (74) Spruson & Ferguson

(71) Northrop Grumman Systems Corporation
 (11) AU-A-2024219789
 (21) 2024219789 (22) 17.09.2024
 (54) Spacecraft servicing devices and related assemblies, systems, and methods
 (51) Int. Cl.
 B64G 1/64 (2006.01)
 B64G 1/00 (2006.01)
 B64G 1/10 (2006.01)
 B64G 1/40 (2006.01)
 (43) 10.10.2024
 (62) 2018304704
 (72) NICHOLSON, James Garret; TREACHLER, Daniel Carl; ORTIZ, Oliver Benjamin; SULLIVAN, Robert Bryan; NIEDERSTRASSER, Carlos Guillermo; GLOGOWSKI, Michael Joseph; LLORENS, William A.; CHOW, Kenneth Siu-Kin; CIPOLLO, Peter Michael
 (74) GLMR

(71) Northwestern University
 (11) AU-A-2024205692
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 (54) Protein/Oligonucleotide Core-Shell Nanoparticle Therapeutics
 (51) Int. Cl.
 C12N 15/11 (2006.01)
 B82Y 5/00 (2011.01)
 (43) 10.10.2024
 (62) 2021201060
 (72) MIRKIN, Chad A.; BRODIN, Jeffrey D.
 (74) WRAYS PTY LTD

(71) Novadip Biosciences
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 (21) 2024219914 (22) 20.09.2024
 (54) BIOMATERIALS FOR THE PREVENTION AND THE TREATMENT OF TISSUE DISORDERS
 (51) Int. Cl.
 C12N 5/0775 (2010.01)
 A61K 35/32 (2015.01)
 A61L 27/36 (2006.01)
 A61L 27/38 (2006.01)
 A61L 27/46 (2006.01)
 A61L 27/48 (2006.01)
 C12N 5/077 (2010.01)
 (43) 10.10.2024
 (62) 2020392595
 (72) DUFRANE, Denis; THEYS, Nicolas
 (74) Alder IP Pty Ltd

(71) Novartis AG; Intellia Therapeutics, Inc.
 (11) AU-A-2024205089
 (21) 2024205089 (22) 25.07.2024
 (54) Compositions and methods for the treatment of hemoglobinopathies
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 31/713 (2006.01)
 A61P 7/00 (2006.01)
 (43) 10.10.2024
 (62) 2022200457
 (72) MICKANIN, Craig Stephen; SCHMEDT, Christian; SNEAD, Jennifer; STEVENSON, Susan C.; YANG, Yi
 (74) Davies Collison Cave Pty Ltd

(71) Novonesis Plant Biosolutions A/S
 (11) AU-A-2024219891
 (21) 2024219891 (22) 19.09.2024
 (54) Methods of protecting a plant from fungal pests
 (51) Int. Cl.
 A01N 37/46 (2006.01)
 A01P 3/00 (2006.01)
 C12N 9/00 (2006.01)
 (43) 10.10.2024
 (62) 2019217608
 (72) INCH, Sharon; HOFF, Tine; FRODYMA, Michael; MARANTA, Michelle; CHERRY, Barbara
 (74) Spruson & Ferguson

(71) OcuPhire Pharma, Inc.
 (11) AU-A-2024219970
 (21) 2024219970 (22) 23.09.2024
 (54) METHODS AND COMPOSITIONS FOR TREATMENT OF PRESBYOPIA, MYDRIASIS, AND OTHER OCULAR DISORDERS
 (51) Int. Cl.
 A61K 31/417 (2006.01)
 A61P 27/06 (2006.01)
 A61P 27/08 (2006.01)
 (43) 10.10.2024
 (62) 2019366451
 (72) PITLICK, William H.; MEYER, Alan R.; SOOCH, Mina; CHARIZANIS, Konstantinos; HOFFMANN, Bernhard
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Olitek Pty Ltd
 (11) AU-A-2024219795
 (21) 2024219795 (22) 17.09.2024
 (54) A BOOSTER ASSEMBLY
 (51) Int. Cl.
 F42B 3/26 (2006.01)
 F42D 1/22 (2006.01)
 F42D 3/04 (2006.01)
 (43) 10.10.2024
 (62) 2019296519
 (72) OLIVER, James Thomas; SPRAGUE, Anthony James
 (74) Griffith Hack

(71) Oncoceutics, Inc.
 (11) AU-A-2024219839
 (21) 2024219839 (22) 18.09.2024
 (54) IMIPRIDONES FOR GLIOMAS
 (51) Int. Cl.
 A61K 31/4188 (2006.01)
 A61K 31/4545 (2006.01)
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 (62) 2018360752
 (72) ALLEN, Joshua E.; STOGNIEW, Martin; PRABHU, Varun Vijay
 (74) Griffith Hack

(71) Orbis Intelligent Systems, Inc.
 (11) AU-A-2024219961
 (21) 2024219961 (22) 22.09.2024
 (54) LOCATION AND FLOW RATE METER
 (51) Int. Cl.
 G01F 15/06 (2022.01)
 G01D 4/00 (2006.01)
 G01F 1/66 (2022.01)
 (43) 10.10.2024
 (62) 2019249271
 (72) KRYWYJ, Daniel Milne; PRSHA, Jeffrey A.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Outer, Inc.
 (11) AU-A-2024219837
 (21) 2024219837 (22) 18.09.2024
 (54) Protective cover for outdoor apparatus
 (51) Int. Cl.
 A47C 31/02 (2006.01)
 A44B 11/25 (2006.01)
 A47C 31/10 (2006.01)
 B60N 2/58 (2006.01)
 B60N 2/70 (2006.01)
 (43) 10.10.2024
 (62) 2019271131
 (72) LIN, Terry Kang; LIU, Jiake; RYAN, Patrick
 (74) Davies Collison Cave Pty Ltd

(71) Oxitec Limited
 (11) AU-A-2024219796
 (21) 2024219796 (22) 17.09.2024
 (54) Pest control apparatus and methods
 (51) Int. Cl.
 A01K 67/033 (2006.01)

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 (62) 2022358349
 (72) FRANDSEN, Grey Kenneth; ABBADE NETO, Dyrson De Oliveira; BARNES, Zoe Helen; COLLADO, Amandine; EDWARDS, Matthew James; GORMAN, Kevin James; MATZEN, Kelly Jean; MORRISON, Neil Ivan; NAISH, Neil Frank; SULSTON, Edward Christopher Jack; TREANOR, David Francis; YADAV, Mayur Vishnu
 (74) Spruson & Ferguson

(71) Oxular Limited
 (11) AU-A-2024219758
 (21) 2024219758 (22) 16.09.2024
 (54) Ophthalmic drug compositions
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61F 9/00 (2006.01)
 A61K 9/16 (2006.01)
 A61K 9/19 (2006.01)
 A61K 31/00 (2006.01)
 A61K 47/26 (2006.01)
 A61K 47/36 (2006.01)
 A61M 5/315 (2006.01)
 A61M 5/32 (2006.01)
 A61M 31/00 (2006.01)
 A61M 35/00 (2006.01)
 (43) 10.10.2024
 (62) 2018333034
 (72) BLEY, Robert Steven; CONSTON, Stanley R.; YAMAMOTO, Ronald K.; NGUYEN, Tien T.; LUNSFORD, John P.; MARTINEZ, Dillon Daniel; PHAN, Loc X.
 (74) FB Rice Pty Ltd

(71) Panasonic Intellectual Property Corporation of America
 (11) AU-A-2024219774
 (21) 2024219774 (22) 16.09.2024
 (54) Encoder, decoder, encoding method, decoding method, and picture compression program
 (51) Int. Cl.
 H04N 19/119 (2014.01)
 H04N 19/176 (2014.01)
 H04N 19/70 (2014.01)
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 (62) 2023201336
 (72) TOMA, Tadamasu; NISHI, Takahiro; ABE, Kiyofumi; KANOH, Ryuichi; LIM, Chong Soon; SHASHIDHAR, Sugghosh Pavan; LIAO, Ru Ling; SUN, Hai Wei; TEO, Han Boon; LI, Jing Ya
 (74) Griffith Hack

(71) PayPal, Inc.
 (11) AU-A-2024219933
 (21) 2024219933 (22) 20.09.2024
 (54) Systems and methods for creating and distributing blockchain-backed redistributable electronic content components
 (51) Int. Cl.
 G06F 21/10 (2013.01)
 H04L 9/06 (2006.01)
 H04L 9/08 (2006.01)

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 (62) 2021337509
 (72) SHARMA, Sahil; HURST, Ben William Gordon; AN, Ping; BHIMARAJU, Purna Aditya Kumar; KUMAR, Varun
 (74) FPA Patent Attorneys Pty Ltd

(71) PEACEWORLD CO., LTD
 (11) AU-A-2023254940
 (21) 2023254940 (22) 25.10.2023
 (54) UNDER-INDUCTION SYSTEM HAVING FUNCTION OF REGENERATING AIR
 (51) Int. Cl.
 F24C 15/20 (2006.01)
 B01D 46/10 (2006.01)
 B08B 15/02 (2006.01)
 H05B 6/12 (2006.01)
 (31) 10-2023-0036775 (32) 21.03.23 (33) KP
 (43) 10.10.2024
 (72) LEE, Myung Ock; KIM, Sang Woo
 (74) Cooper IP Pty Ltd

(71) Pham, J.
 (11) AU-A-2024201514
 (21) 2024201514 (22) 07.03.2024
 (54) A SYSTEM FOR PERMANENTLY STORING AND CONTROLLING A FILE AND ASSOCIATED METADATA ON THE BLOCKCHAIN
 (51) Int. Cl.
 G06F 16/182 (2019.01)
 H04L 9/00 (2022.01)
 G06F 21/60 (2013.01)
 G06F 21/62 (2013.01)
 (31) 2023900761 (32) 20.03.23 (33) AU
 (43) 10.10.2024
 (72) Pham, Joseph Vu
 (74) Alder IP Pty Ltd

(71) Phase Pharmaceuticals LLC
 (11) AU-A-2024219736
 (21) 2024219736 (22) 13.09.2024
 (54) Sublingual epinephrine tablets
 (51) Int. Cl.
 A61K 9/14 (2006.01)
 A61K 9/20 (2006.01)
 A61K 31/137 (2006.01)
 A61K 47/02 (2006.01)
 A61K 47/12 (2006.01)
 A61K 47/26 (2006.01)
 A61K 47/36 (2006.01)
 A61K 47/38 (2006.01)
 (43) 10.10.2024
 (62) 2018329496
 (72) HOWARD, G. Lynn; FARINA, Nicholas J.; WALTERS, Edward J.; HOWARD, Christopher
 (74) Spruson & Ferguson

(71) PHYTANT; APIX BIOSCIENCES
 (11) AU-A-2024219912
 (21) 2024219912 (22) 20.09.2024
 (54) ISOFUCOSTEROL AND COMBINATIONS OF ISOFUCOSTEROL AND A MULTIPLICITY OF STEROLS AS A NUTRIENT FOR ANIMALS

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A23K 50/90 (2016.01)
A23K 20/168 (2016.01)
A23K 50/80 (2016.01)
(43) 10.10.2024
(62) 2023274082
(72) BOGAERT, Thierry; SHAFIR, Sharoni; WRIGHT, Geraldine; BOGAERT, Jan
(74) Alder IP Pty Ltd

(71) President and Fellows of Harvard College
(11) AU-A-2024219991
(21) 2024219991 (22) 23.09.2024
(54) Gene therapy methods for age-related diseases and conditions
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/00 (2006.01)
C12N 15/861 (2006.01)
C12Q 1/68 (2018.01)
(43) 10.10.2024
(62) 2017268469
(72) Davidsohn, Noah; Church, George M.
(74) Davies Collison Cave Pty Ltd

(71) QSC, LLC
(11) AU-A-2024219894
(21) 2024219894 (22) 19.09.2024
(54) Speaker array with adjustable hanging system
(51) Int. Cl.
H04R 1/02 (2006.01)
H04R 1/40 (2006.01)
(43) 10.10.2024
(62) 2022253454
(72) Kirsch, James; Lambeth, Joshua; Young, Richard
(74) Davies Collison Cave Pty Ltd

(71) Qualcomm Incorporated
(11) AU-A-2024219734
(21) 2024219734 (22) 13.09.2024
(54) IMPROVED INTRA PREDICTION IN VIDEO CODING

(51) Int. Cl.
H04N 19/593 (2014.01)
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(62) 2023202062
(72) Zhang, Kai; Chen, Jianle; Zhao, Xin; Karczewicz, Marta
(74) Madderns Pty Ltd

Regeneron Pharmaceuticals, Inc. see Sanofi Biotechnology
(21) 2024219953

(71) Ripple Luxembourg S.A.
(11) AU-A-2024219739
(21) 2024219739 (22) 13.09.2024
(54) Temporary consensus networks in a resource transfer system
(51) Int. Cl.
G06Q 40/00 (2023.01)

(43) 10.10.2024
(62) 2022215275
(72) THOMAS, Stefan; SCHWARTZ, Evan
(74) Spruson & Ferguson

(71) Rovi Guides, Inc.
(11) AU-A-2024219986
(21) 2024219986 (22) 23.09.2024
(54) Systems and methods for providing recommendations based on short-media viewing profile and long-media viewing profile

(51) Int. Cl.
G06Q 30/02 (2023.01)
H04N 21/25 (2011.01)
H04N 21/258 (2011.01)
H04N 21/262 (2011.01)
H04N 21/2668 (2011.01)
H04N 21/431 (2011.01)
H04N 21/442 (2011.01)
H04N 21/45 (2011.01)
H04N 21/458 (2011.01)
H04N 21/466 (2011.01)
H04N 21/482 (2011.01)
H04N 21/81 (2011.01)

(43) 10.10.2024
(62) 2018368355
(72) SIDDIQ, Abubakkar; AGARWAL, Vin-
et; SAVARKAR, Abhijit Satchidanand
(74) Spruson & Ferguson

(71) Sage Products, LLC
(11) AU-A-2024219740
(21) 2024219740 (22) 13.09.2024
(54) Patient transport apparatus and method
(51) Int. Cl.
A61G 7/057 (2006.01)
A61G 7/10 (2006.01)
(43) 10.10.2024
(62) 2022215290
(72) ALVAREZ, Ryan A; BECK, David P; ROBERTS, Jay; RIGONI, Michael J; SWEETWOOD, Garret W; FLETCHER, Hester C; KEATY Jr, Thomas; DAVIS, Gregory T; HANIFL, Paul H
(74) FB Rice Pty Ltd

(71) Sanofi
(11) AU-A-2024219890
(21) 2024219890 (22) 19.09.2024
(54) Antibody formulations
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)

(43) 10.10.2024
(62) 2017293103
(72) Francis, Donny; Youssef, Ahmed; Korueva, Stefaniya; Kirsch, Martina
(74) Griffith Hack

(71) Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.
(11) AU-A-2024219953
(21) 2024219953 (22) 20.09.2024
(54) Methods for preventing or treating allergy by administering an IL-4R antagonist

(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 37/08 (2006.01)

(43) 10.10.2024
(62) 2017321682
(72) Hamilton, Jennifer D.; Swanson, Brian N.
(74) Griffith Hack

(71) Sato Holdings Kabushiki Kaisha
(11) AU-A-2024219934
(21) 2024219934 (22) 20.09.2024
(54) Information processing system, information processing method, and program
(51) Int. Cl.
G06Q 30/06 (2023.01)
G06Q 20/20 (2012.01)
G06Q 30/02 (2023.01)
G07G 1/00 (2006.01)
G07G 1/01 (2006.01)
G07G 1/12 (2006.01)
G07G 1/14 (2006.01)

(43) 10.10.2024
(62) 2021278554
(72) OGUCHI, Kentaro
(74) FB Rice Pty Ltd

Schankerelei, K. see Lauren, M.
(21) 2024219809

(71) SCREEN Holdings Co., Ltd.
(11) AU-A-2024200352
(21) 2024200352 (22) 19.01.2024
(54) ELECTRODE STRUCTURE AND WATER ELECTROLYZER
(51) Int. Cl.
C25B 11/031 (2021.01)
C25B 11/051 (2021.01)
(31) 2023-045864 (32) 22.03.23 (33) JP
(43) 10.10.2024
(72) Kawakami, Takuto; Mori, Takayuki
(74) PHILLIPS ORMONDE FITZPATRICK

(71) SCREEN Holdings Co., Ltd.
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(21) 2024200353 (22) 19.01.2024
(54) ELECTRODE STRUCTURE AND WATER ELECTROLYZER
(51) Int. Cl.
C25B 11/073 (2021.01)
C25B 11/031 (2021.01)
(31) 2023-045865 (32) 22.03.23 (33) JP
(43) 10.10.2024
(72) Kawakami, Takuto; Enomoto, Yuto
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Sealy Technology LLC
(11) AU-A-2024219902
(21) 2024219902 (22) 20.09.2024
(54) Pocket coil spring assembly including flexible foam
(51) Int. Cl.
A47C 27/06 (2006.01)
A47C 27/14 (2006.01)

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(62) 2018361236
(72) DEMOSS, Larry K.; THOMAS, Darin T.; MANUSZAK, Brian M.; WALLACE, Stephen
(74) Spruson & Ferguson
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- (71) Seiberg Consulting, LLC
(11) AU-A-2024219724
(21) 2024219724 (22) 13.09.2024
(54) Compositions Containing Natural Extracts And Use Thereof For Skin And Hair
(51) Int. Cl.
A61K 8/97 (2017.01)
A61K 8/46 (2006.01)
A61K 36/00 (2006.01)
- (43) 10.10.2024
(62) 2022204824
(72) SEIBERG, Miri
(74) WRAYS PTY LTD
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- (71) SHANGHAI, TIANDI MINING EQUIPMENT TECHNOLOGY CO., LTD
(11) AU-A-2024205685
(21) 2024205685 (22) 01.01.2024
(54) DEVICE AND METHOD FOR ACCURATELY MONITORING ANGLE OF RANGING ARM OF COAL MINING MACHINE
(51) Int. Cl.
E21C 31/02 (2006.01)
G01B 21/22 (2006.01)
G01M 13/00 (2019.01)
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F03D 9/34 (2016.01)
F03D 9/46 (2016.01)
H02K 7/18 (2006.01)
F03D 3/00 (2006.01)
F03D 3/02 (2006.01)
F24F 11/46 (2018.01)
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B25D 1/12 (2006.01)
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C11C 3/00 (2006.01)
A23K 20/158 (2016.01)
A23L 29/00 (2016.01)
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A23L 33/115 (2016.01)
C11C 3/10 (2006.01)
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A45F 5/10 (2006.01)
E04H 17/20 (2006.01)
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F01N 5/02 (2006.01)
F24D 3/00 (2022.01)
F24D 3/08 (2006.01)
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F24H 1/00 (2022.01)
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(72) LORIMER, Adam; SCHWEDE, Jared
(74) PIPERS
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A22C 29/04 (2006.01)
B23K 26/042 (2014.01)
B23K 26/08 (2014.01)
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B41M 5/24 (2006.01)
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A01N 25/02 (2006.01)
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C05B 15/00 (2006.01)
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A61B 5/083 (2006.01)
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A61B 17/58 (2006.01)
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H02J 7/00 (2006.01)
G01R 31/36 (2020.01)
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 (51) Int. Cl.
C12N 15/65 (2006.01)
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C40B 30/06 (2006.01)
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A61N 1/04 (2006.01)
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C07K 16/40 (2006.01)

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H01R 13/187 (2006.01)
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 (72) DENDAS, Freddy Jean Philip; KAVARAMALAI, Kesavamurthy
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 (54) Electrical heating unit for heating a heat shrink cover, electrical heating system, installation system, and manufacturing method
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B29C 61/02 (2006.01)
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H02G 15/08 (2006.01)
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C01D 3/20 (2006.01)
C01F 5/30 (2006.01)
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C07K 14/00 (2006.01)
A61K 39/00 (2006.01)
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A61K 38/08 (2019.01)
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A61P 9/02 (2006.01)
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 A61K 8/20 (2006.01)
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 A61B 8/08 (2006.01)
 A61N 5/00 (2006.01)
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 A61K 31/40 (2006.01)
 A61P 25/36 (2006.01)
 C07D 209/42 (2006.01)
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 G01R 31/34 (2020.01)
 H02P 29/024 (2016.01)
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 G06F 3/14 (2006.01)
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 F01D 21/00 (2006.01)
 F01D 9/02 (2006.01)
 F01D 25/00 (2006.01)
 G06F 30/17 (2020.01)
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 G06Q 10/0631 (2023.01)
 G01C 21/32 (2006.01)
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 (54) ROD SECTION SYSTEM
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G06F 21/32 (2013.01)
G06K 9/62 (2022.01)
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C12Q 1/6869 (2018.01)
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C07K 14/795 (2006.01)
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A61K 35/14 (2015.01)
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C01B 32/40 (2017.01)
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B26D 7/26 (2006.01)
B26D 1/00 (2006.01)
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(21) 2024219809
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(74) mdp Patent and Trade Mark Attorneys
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- (71) Wallis Engineers Pty Ltd
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(54) Drill Bit
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E21B 10/60 (2006.01)
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E06C 1/22 (2006.01)
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- (43) 10.10.2024
(62) 2023200871
(72) Lentine, Tek; Parker, Thomas; Badowski, Clint; Hlebovy, James
(74) BOSH IP Pty Ltd
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- (71) Wilcox Industries Corp.
(11) AU-A-2024201897
(21) 2024201897 (22) 24.03.2024
(54) Bridge Link Battery System For Helmet Mount Assembly
- (51) Int. Cl.
A42B 3/04 (2006.01)
F41H 1/04 (2006.01)
H01M 50/204 (2021.01)
H01M 50/244 (2021.01)
H01R 12/70 (2011.01)
H01R 12/71 (2011.01)
H02J 9/04 (2006.01)
- (31) 63/454,691 (32) 26.03.23 (33) US
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(72) TEETZEL, James; TURNER, Elliott
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- (71) Wix.com Ltd.
(11) AU-A-2024219939
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(54) System and method for integrating user feedback into website building system services
- (51) Int. Cl.
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G06N 20/00 (2019.01)

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 (62) 2020284731
 (72) SIANI COHEN, Hana; NACHSHON, Oded; STANGER, Noa; DEKEL, Shai; PEREZ, Meir; GAT, Hila
 (74) FPA Patent Attorneys Pty Ltd

(71) Wonderland Switzerland AG
 (11) AU-A-2024219829
 (21) 2024219829 (22) 18.09.2024
 (54) CHILD CARRIER
 (51) Int. Cl.
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 B60N 2/42 (2006.01)
 (43) 10.10.2024
 (62) 2022259732
 (72) Chui, Zongwang
 (74) James & Wells Intellectual Property

(71) Wonderland Switzerland AG
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 (21) 2024219870 (22) 19.09.2024
 (54) Child stroller frame
 (51) Int. Cl.
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 (43) 10.10.2024
 (62) 2023200872
 (72) ZHONG, Zhi-ren
 (74) FB Rice Pty Ltd

(71) Wonderland Switzerland AG
 (11) AU-A-2024219874
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 (54) Child care apparatus
 (51) Int. Cl.
 A47D 9/02 (2006.01)
 (43) 10.10.2024
 (62) 2022275463
 (72) HU, Junjie
 (74) FB Rice Pty Ltd

(71) Woorhimecha Co., Ltd.
 (11) AU-A-2023237025
 (21) 2023237025 (22) 25.09.2023
 (54) Device for conveying local cryoanesthesia type painless syringe
 (51) Int. Cl.
 A61M 5/42 (2006.01)
 A61B 18/02 (2006.01)
 A61F 7/00 (2006.01)
 A61M 5/315 (2006.01)
 A61M 19/00 (2006.01)
 (31) 10-2023-0038327 (32) 24.03.23 (33) KR
 (43) 10.10.2024
 (72) WOO, Yong Woon
 (74) FB Rice Pty Ltd

(71) Xard Group Pty Ltd
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 (54) TRANSACTION RECORDING
 (51) Int. Cl.
 G06Q 20/34 (2012.01)

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 (62) 2022279529
 (72) Wilson, Robert
 (74) AUSTRALASIA IP PTY LTD

(71) Xenon Pharmaceuticals Inc.
 (11) AU-A-2024219794
 (21) 2024219794 (22) 17.09.2024
 (54) Methods for enhancing the bioavailability and exposure of a voltage-gated potassium channel opener
 (51) Int. Cl.
 A61K 31/472 (2006.01)
 A61P 25/08 (2006.01)
 (43) 10.10.2024
 (62) 2019265002
 (72) BEATCH, Gregory N.
 (74) Griffith Hack

(71) Yang Bey Industrial Co., Ltd
 (11) AU-A-2023203045
 (21) 2023203045 (22) 16.05.2023
 (54) Adhesive Tape Dispenser Having Guide Function
 (51) Int. Cl.
 B65H 35/00 (2006.01)
 (31) 112110706 (32) 22.03.23 (33) TW
 (43) 10.10.2024
 (72) Yu, Teng-Chi
 (74) P.L. Berry & Associates Ltd

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(71) Zodiac Pool Care Europe
 (11) AU-A-2024219775
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 (54) Drive controls principally for automatic swimming pool cleaners
 (51) Int. Cl.
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 (62) 2020312844
 (72) DALLEY, Florent; DUFFAUT, Simon
 (74) FB Rice Pty Ltd

(71) Zodiac Pool Systems LLC
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 (72) BORG, Dustin; EWING, Fletcher; VAN DER MEIJDEN, Hendrikus Johannes; MOORE, Michael Edward
 (74) FB Rice Pty Ltd

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G06Q 40/04 (2012.01)
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(74) Allens Patent & Trade Mark Attorneys

(71) Kumiai Chemical Industry Co., Ltd.
(11) AU-A-2024100033
(21) 2024100033 **(22)** 12.09.2024
(54) Process for producing herbicide and intermediate thereof
(51) Int. Cl.
C07D 413/12 (2006.01)
C07B 61/00 (2006.01)
(45) 10.10.2024
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(21) 2024100034 **(22)** 12.09.2024
(54) Process for producing herbicide and intermediate thereof
(51) Int. Cl.
C07D 413/12 (2006.01)
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(45) 10.10.2024
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(72) UCHIDA, Yukio; ATSUMI, Naoya; TANI, Shinki; OKADA, Koji; MURAI, Yuta; CAOIMHIN, Arnott
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(71) Kumiai Chemical Industry Co., Ltd.
(11) AU-A-2024100035
(21) 2024100035 **(22)** 12.09.2024
(54) Process for producing herbicide and intermediate thereof
(51) Int. Cl.
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<p>(71) A.D. KEPPEL INVESTMENTS PTY LTD (11) AU-A-2023247265 (21) 2023247265 (22) 23.03.2023 (54) MARINE LIGHTING ASSEMBLY (51) Int. Cl. F21S 8/02 (2006.01) B63B 45/04 (2006.01) E04F 11/18 (2006.01) F21V 8/00 (2006.01) F21V 15/00 (2015.01) F21V 17/00 (2006.01) F21V 19/00 (2006.01) F21V 19/04 (2006.01) F21V 21/00 (2006.01) F21V 31/00 (2006.01) F21V 33/00 (2006.01) (87) WO2023/183964 (31) 2022900792 (32) 29.03.22 (33) AU (43) 05.10.2023 (72) KEPPEL, Alexander, Daniel (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) ABCLON INC. (11) AU-A-2023230479 (21) 2023230479 (22) 24.02.2023 (54) ANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF THAT TAR- GETS COTININE, CHIMERIC AN- TIGEN RECEPTOR COMPRISING SAME, AND USES THEREOF (51) Int. Cl. C07K 16/44 (2006.01) A61K 35/17 (2015.01) A61K 39/00 (2006.01) A61P 37/00 (2006.01) C07K 14/705 (2006.01) C07K 14/725 (2006.01) C12N 5/0783 (2010.01) (87) WO2023/171958 (31) 10-2022-0031019 (32) 11.03.22 (33) KR 10-2022-0113082 06.09.22 KR (43) 14.09.2023 (72) LEE, Jong-Seo; LEE, Young Ha; LEE, Jong-Ho; KIM, Ki Hyun (74) FB Rice Pty Ltd</p>	<p>(71) ABRAHAMS, J. (11) AU-A-2023256623 (21) 2023256623 (22) 23.03.2023 (54) HERBICIDE PELLET SYSTEM (51) Int. Cl. A01N 25/08 (2006.01) A01N 29/04 (2006.01) A01P 13/00 (2006.01) F41B 11/80 (2013.01) F41B 7/00 (2006.01) F41B 11/52 (2013.01) (87) WO2023/205564 (31) 63/269,816 (32) 23.03.22 (33) US 63/364,440 10.05.22 US 63/378,362 04.10.22 US 63/381,772 01.11.22 US (43) 26.10.2023 (72) ABRAHAMS, Jason (74) Spruson & Ferguson</p>
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B64C 39/02 (2023.01)
B64U 10/14 (2023.01)
B64U 20/70 (2023.01)
B64U 20/80 (2023.01)
B64U 30/24 (2023.01)
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B64U 50/19 (2023.01)

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(72) MAYOUNOVE, Hugo; PICAUD, Clément
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(72) VANOVA NAKJINOVA, Nadica; PETRUSEVSKI, Vlado; JANEVSKA, Ana; WILLIS, Andrew
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A61K 9/00 (2006.01)
A61K 31/4439 (2006.01)
A61K 47/00 (2006.01)

A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
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(54) SYSTEMS AND METHODS FOR REDUCING EXCESS RESOURCE USAGE
(51) Int. Cl.
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(51) Int. Cl.
C07D 513/08 (2006.01)
A61K 31/553 (2006.01)
A61P 35/00 (2006.01)
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(72) MORRISON, Henry; TEDROW, Jason, S.; PARENT, Stephan, D.; JOHNSON, Courtney; HOUSTON, Travis; BEVILL, Melanie
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(54) AMORPHOUS AND CRYSTALLINE FORMS OF MCI-1 ANTAGONISTS
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(71) AMRYT ENDO, INC.
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 (72) HAVIV, Asi
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G01N 1/38 (2006.01)
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 (74) Griffith Hack
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 (54) BINDER AND MANUFACTURING METHODS
 (51) Int. Cl.
C10L 5/04 (2006.01)
C10B 53/02 (2006.01)
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 (72) PERNOT, Paul; ROZHKOVA, Tatiana
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (54) FABRICATION AND PROCESSING OF GRAPHENE ELECTRONIC DEVICES ON SILICON WITH A SiO₂ PASSIVATION LAYER
 (51) Int. Cl.
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B82Y 40/00 (2011.01)
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 (72) PORKOVICH, Alexander, James; CHOUCAIR, Mohammad
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- (71) ARIES TECHNOLOGY, LLC
 (11) AU-A-2023228832
 (21) 2023228832 (22) 01.03.2023
 (54) GAMING MACHINE AND METHOD OF OPERATION THEREOF
 (51) Int. Cl.
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A61B 17/00 (2006.01)
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A61K 39/12 (2006.01)
C07K 17/06 (2006.01)
C07K 17/14 (2006.01)
A61P 31/14 (2006.01)
C07K 17/10 (2006.01)
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B01D 17/02 (2006.01)
B27K 3/52 (2006.01)
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C10C 1/02 (2006.01)
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B27K 5/04 (2006.01)
F26B 25/00 (2006.01)
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 (51) Int. Cl.
C01B 39/46 (2006.01)
B01D 53/04 (2006.01)
B01D 53/047 (2006.01)
B01D 53/26 (2006.01)
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B01J 20/18 (2006.01)
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B01J 20/18 (2006.01)
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A61K 31/4418 (2006.01)
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A61P 35/00 (2006.01)
C07D 213/24 (2006.01)
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F21V 9/40 (2018.01)
F21V 23/00 (2015.01)
G09G 3/00 (2006.01)
H02J 50/10 (2016.01)
H04R 1/10 (2006.01)
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G06N 3/08 (2023.01)
G16H 20/40 (2018.01)
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C07D 417/12 (2006.01)
A23L 33/10 (2016.01)
A61K 31/4439 (2006.01)
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C07D 413/14 (2006.01)
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C23C 18/16 (2006.01)
A61L 27/30 (2006.01)
C23C 18/18 (2006.01)
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B60G 7/00 (2006.01)
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 G06F 30/17 (2020.01)
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 C08F 220/14 (2006.01)
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 C09D 133/14 (2006.01)
 C09J 133/14 (2006.01)
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 POLYURETHANE ARTICLES
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 C08G 18/08 (2006.01)
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 C08G 18/76 (2006.01)
 C08J 9/40 (2006.01)
 C08J 11/18 (2006.01)
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 (54) SEPARATION OF IMPURITIES IN A
 PROCESS FOR HYDROLYTICALLY
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 C07C 231/24 (2006.01)
 C07C 227/22 (2006.01)
 C07C 227/40 (2006.01)
 C07C 229/08 (2006.01)
 C07C 237/12 (2006.01)
 C07D 201/12 (2006.01)
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 C07C 31/04 (2006.01)
 C07C 1/02 (2006.01)
 C07C 29/15 (2006.01)
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 HAND-BIO PHARMACEUTICAL CO.,
 LTD
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 TRACT IN PREPARATION OF DRUG
 FOR TREATING ULCERATIVE COLIT-
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 A61K 36/605 (2006.01)
 A61P 1/00 (2006.01)
 A61P 1/04 (2006.01)
 A61K 127/00 (2006.01)
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 EIDGENÖSSISCHE
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 FLOWRATE AMPLIFIER FOR GENER-
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 F04F 5/16 (2006.01)
 A61B 90/40 (2016.01)
 A61B 90/70 (2016.01)
 A61L 2/20 (2006.01)
 B08B 1/00 (2006.01)
 B08B 5/02 (2006.01)
 F04F 5/46 (2006.01)
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 ETTI, Donato
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 (54) DEVICE FOR CONTROLLING PAS-
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 F16K 1/42 (2006.01)
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E21B 17/02 (2006.01)
E21B 33/038 (2006.01)
H01R 13/523 (2006.01)
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 (74) Clark Intellectual Property Pty Ltd
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 (51) Int. Cl.
A61K 31/185 (2006.01)
A61K 47/18 (2017.01)
A61K 9/00 (2006.01)
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A61K 31/4453 (2006.01)
A61P 25/00 (2006.01)
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 (54) ANTI-CD39 NANOBODY AND USES THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 47/64 (2017.01)
A61K 48/00 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/40 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
C12P 21/08 (2006.01)
G01N 33/53 (2006.01)
 (87) WO2023/186121
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- (71) BODHI BIO LLC
 (11) AU-A-2023237757
 (21) 2023237757 (22) 23.03.2023
 (54) COMPOSITIONS AND METHODS FOR ANTIGEN-SPECIFIC THERAPY
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 37/06 (2006.01)
C07K 14/705 (2006.01)
 (87) WO2023/183477
 (31) 63/322,699 (32) 23.03.22 (33) US
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 (43) 28.09.2023
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- (71) BODHI BIO LLC
 (11) AU-A-2023240232
 (21) 2023240232 (22) 23.03.2023
 (54) ANTIGEN-SPECIFIC THERAPY FOR AUTOIMMUNE DISEASES
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 47/64 (2017.01)
A61P 37/06 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
 (87) WO2023/183474
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 (72) SINHA, Animesh
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- (71) BOSTON SCIENTIFIC SCIMED, INC.
 (11) AU-A-2023245776
 (21) 2023245776 (22) 30.03.2023
 (54) SYSTEMS AND METHODS FOR VASCULAR IMAGE CO-REGISTRATION
 (51) Int. Cl.
A61B 6/00 (2006.01)
A61B 8/00 (2006.01)
A61B 8/08 (2006.01)
A61B 8/12 (2006.01)
A61B 5/00 (2006.01)
 (87) WO2023/192519
 (31) 63/325,349 (32) 30.03.22 (33) US
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 (21) 2023264014 (22) 04.05.2023
 (54) INFLATABLE PENILE PROSTHESIS HAVING A CYLINDER WITH A CORE MEMBER
 (51) Int. Cl.
A61F 2/26 (2006.01)

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(43) 09.11.2023	(72) MUJWID, James Ryan; BROOKS, Abigail Rae; BOSTROM, John Anders	(74) Spruson & Ferguson				(72) WU, Youhe; HUANG, Zhixue; DAI, Xiangjun; ZHOU, Lei	(32) 29.04.22
						(74) MINTER ELLISON	(33) CN
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(71) BOSTON SCIENTIFIC SCIMED INC.	(11) AU-A-2023259077	(21) 2023259077	(22) 24.04.2023	(54) PERCUTANEOUS CIRCULATORY SUPPORT DEVICE INCLUDING CURVED PROXIMAL CATHETER	(51) Int. Cl.		(71) BYD COMPANY LIMITED
							(11) AU-A-2023261390
							(21) 2023261390
							(22) 28.04.2023
							(54) ENERGY STORAGE CABINET
							(51) Int. Cl.
							<i>H01M 50/251</i> (2021.01)
							<i>H01M 10/613</i> (2014.01)
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							(74) GLMR
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(71) BRASS MONKEY HEALTH LTD	(11) AU-A-2023234719	(21) 2023234719	(22) 02.03.2023	(54) AN ICE BATH AND A METHOD FOR OPERATING THE SAME	(51) Int. Cl.		(71) CAAMTECH, INC.
							(11) AU-A-2023255767
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							(22) 21.04.2023
							(54) CRYSTALLINE QUATERNARY SALTS OF 4-SUBSTITUTED TRYPTAMINES
							(51) Int. Cl.
							<i>A61K 31/404</i> (2006.01)
							<i>A61K 31/395</i> (2006.01)
							<i>A61K 31/4045</i> (2006.01)
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							(72) CHADEAYNE, Andrew, R.
							(74) Allens Patent & Trade Mark Attorneys
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							(11) AU-A-2023274009
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							(22) 19.05.2023
							(54) COMPOSITIONS, RELATED SYSTEMS AND ARTICLES, AND METHODS OF MAKING AND USING THE SAME
							(51) Int. Cl.
							<i>C08J 11/16</i> (2006.01)
							<i>B01J 23/00</i> (2006.01)
							<i>B01J 23/04</i> (2006.01)
							<i>B01J 23/14</i> (2006.01)
							<i>C08G 83/00</i> (2006.01)
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							(72) KAMALI, Ali Reza
							(74) RnB IP Pty Ltd
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(71) BREVCO PTY LTD	(11) AU-A-2023224513	(21) 2023224513	(22) 21.02.2023	(54) POT STAND	(51) Int. Cl.		(71) BYD COMPANY LIMITED
							(11) AU-A-2023258994
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							(22) 14.03.2023
							(54) ENERGY STORAGE MODULE AND ENERGY STORAGE CABINET
							(51) Int. Cl.
							<i>H01M 50/244</i> (2021.01)
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 (11) AU-A-2022452474
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 (54) POSITION DETERMINATION METHOD OR SYSTEM, FOR DETERMINING THE POSITION OF OBJECTS
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 G01S 5/16 (2006.01)
 G06K 7/00 (2006.01)
 G06Q 10/08 (2023.01)
 (87) WO2023/193932
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 (11) AU-A-2023248376
 (21) 2023248376 (22) 06.04.2023
 (54) A SUSPENSION SYSTEM
 (51) Int. Cl.
 B60G 5/06 (2006.01)
 B60G 11/18 (2006.01)
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 B60G 21/04 (2006.01)
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 (54) PEPTIDE HAVING ANTIDIABETIC ACTIVITY, PEPTIDE COMPLEX, AND USE THEREOF
 (51) Int. Cl.
 C07K 7/06 (2006.01)
 A23L 33/18 (2016.01)
 A61K 38/00 (2006.01)
 A61P 3/10 (2006.01)
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 (11) AU-A-2023228120
 (21) 2023228120 (22) 02.03.2023
 (54) AUTOMATIC INNER, MIDDLE AND OUTER EAR SEGMENTATIONS
 (51) Int. Cl.
 A61B 5/12 (2006.01)
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 (21) 2023228332 (22) 02.03.2023
 (54) ORAL CARE PRODUCT
 (51) Int. Cl.
 A61K 8/23 (2006.01)
 A61K 8/44 (2006.01)
 A61K 8/67 (2006.01)
 A61Q 11/00 (2006.01)
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 A61P 35/00 (2006.01)
 A61K 31/506 (2006.01)
 C07D 401/14 (2006.01)
 C07D 403/14 (2006.01)
 C07D 471/04 (2006.01)
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 (21) 2023246948 (22) 31.03.2023
 (54) INCREASE OF OVUM PICK-UP IN BOS TAURUS
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 A61K 38/24 (2006.01)
 A61D 19/02 (2006.01)
 A61P 15/08 (2006.01)
 (87) WO2023/187162
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 (51) Int. Cl.
 A61K 38/24 (2006.01)
 A61D 19/02 (2006.01)
 A61P 15/08 (2006.01)
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 (11) AU-A-2023255619
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 (54) CCR4 ANTAGONISTS
 (51) Int. Cl.
 C07D 403/04 (2006.01)
 C07D 239/28 (2006.01)
 A61K 31/505 (2006.01)
 A61P 29/00 (2006.01)
 A61P 35/00 (2006.01)
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 (54) CONTAINER LID AND RELATED DRYING METHODS
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 B65D 19/18 (2006.01)
 B08B 9/20 (2006.01)
 B65D 43/02 (2006.01)
 F26B 5/08 (2006.01)
 B65D 25/00 (2006.01)
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 (54) DESORBED GAS AMOUNT TESTING DEVICE AND MEASURING METHOD
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 G01N 7/00 (2006.01)
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 (74) Adams Pluck
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- (71) CLAEYS, E.
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 (51) Int. Cl.
 E04B 2/96 (2006.01)
 E04F 13/08 (2006.01)

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- (71) COCANOUGH, R.A.J.
(11) AU-A-2023229386
(21) 2023229386 (22) 02.03.2023
(54) UNITARY BOAT HULL AND METHODS OF MANUFACTURE
(51) Int. Cl.
B63B 73/50 (2020.01)
B63B 5/24 (2006.01)
B63B 73/74 (2020.01)
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(72) COCANOUGH, Robert, Allen, Jr.
(74) Baxter Patent Attorneys Pty Ltd
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- (71) CO-DIAGNOSTICS, INC.
(11) AU-A-2023241895
(21) 2023241895 (22) 30.03.2023
(54) TERTIARY COOPERATIVE PRIMERS AND METHODS OF USE
(51) Int. Cl.
C12Q 1/6853 (2018.01)
C12Q 1/6858 (2018.01)
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(43) 05.10.2023
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) COGNITO THERAPEUTICS, INC.
(11) AU-A-2023236153
(21) 2023236153 (22) 17.03.2023
(54) METHODS AND SYSTEMS FOR PREDICTING TREATMENT OUTCOMES, PATIENT SELECTION AND PERSONALIZED THERAPY USING PATIENT RESPONSE PROPERTIES TO SENSORY STIMULATION
(51) Int. Cl.
A61B 5/374 (2021.01)
A61B 5/00 (2006.01)
A61B 5/377 (2021.01)
A61B 5/384 (2021.01)
A61B 5/386 (2021.01)
A61M 21/00 (2006.01)
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- (71) CONNECTED INNOVATIONS LIMITED
(11) AU-A-2023240432
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- (54) SMART SOCKET DEVICE AND SYSTEM
(51) Int. Cl.
G08B 17/06 (2006.01)
H01R 13/66 (2006.01)
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(31) 2204105.7 (32) 23.03.22 (33) GB
(43) 28.09.2023
(72) PARFITT, Anthony
(74) FPA Patent Attorneys Pty Ltd
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- (71) CRAYOLA LLC
(11) AU-A-2023251744
(21) 2023251744 (22) 10.04.2023
(54) HYDROGRAPHIC SHEET FORMED OF A WATER-SOLUBLE FILM PROVIDED WITH NON-AQUEOUS INK OR DYE DECORATION ART
(51) Int. Cl.
B44C 1/175 (2006.01)
B44D 2/00 (2006.01)
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- (71) CRISPR THERAPEUTICS AG
(11) AU-A-2023227443
(21) 2023227443 (22) 28.02.2023
(54) METHODS AND COMPOSITIONS FOR TREATING ANGIOPOIETIN-LIKE 3 (ANGPTL3) RELATED CONDITIONS
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 9/127 (2006.01)
A61K 31/7088 (2006.01)
A61P 3/06 (2006.01)
- (87) WO2023/166425
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(43) 07.09.2023
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(74) RNB IP PTY LTD
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(11) AU-A-2023229182
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(54) ATP-DEPENDENT AGONISTS OF IMMUNE CELLS FUNCTION AS ANTICANCER AGENTS
(51) Int. Cl.
A61K 47/64 (2017.01)
A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023227214
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(54) METHODS OF BONE MARROW CONDITIONING
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 35/28 (2015.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 7/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/06 (2006.01)
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(31) 2022900484 (32) 01.03.22 (33) AU
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(72) PANOUSIS, Con; RAYZMAN, Veronika
(74) FB Rice Pty Ltd
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- (71) CURIS, INC.
(11) AU-A-2023269214
(21) 2023269214 (22) 11.05.2023
(54) TREATING DISEASES AND DISORDERS WITH IRAK4-MODIFYING COMPOUNDS
(51) Int. Cl.
C12Q 1/6886 (2018.01)
A61K 31/4162 (2006.01)
A61P 31/00 (2006.01)
A61P 35/02 (2006.01)
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(11) AU-A-2023243331
(21) 2023243331 (22) 27.03.2023
(54) COMPACT POWERED AIR PURIFYING RESPIRATOR HAVING IMPROVED AIRFLOW EFFICIENCY
(51) Int. Cl.
A62B 9/00 (2006.01)
A62B 18/02 (2006.01)
A62B 19/00 (2006.01)
F04D 17/08 (2006.01)
F04D 29/28 (2006.01)
F04D 29/30 (2006.01)
F04D 29/42 (2006.01)
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- (51) Int. Cl.
E05B 65/00 (2006.01)
E05B 15/02 (2006.01)
E05B 15/10 (2006.01)
E05B 47/00 (2006.01)
E05B 55/00 (2006.01)
E05C 1/16 (2006.01)
E05C 19/16 (2006.01)
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(31) 2022902013 (32) 18.07.22 (33) AU
(43) 25.01.2024
(72) TUN, Linn
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- (71) DE' LONGHI APPLIANCES S.R.L.
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A61K 31/519 (2006.01)
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A61K 31/7048 (2006.01)
A61K 45/06 (2006.01)
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A63F 13/00 (2014.01)
A63F 13/212 (2014.01)
A63F 13/47 (2014.01)
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G09B 1/00 (2006.01)
G09B 5/00 (2006.01)
G09B 19/00 (2006.01)
G16H 10/20 (2018.01)
G16H 20/70 (2018.01)
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A01B 49/00 (2006.01)
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H04W 12/08 (2021.01)
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G01N 27/404 (2006.01)
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A61P 35/00 (2006.01)

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G06Q 20/10 (2012.01)
G06Q 20/38 (2012.01)
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H04L 9/06 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
C12N 15/11 (2006.01)
A61P 21/00 (2006.01)
C12N 15/113 (2010.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/66 (2017.01)
A61K 47/68 (2017.01)
C12N 15/113 (2010.01)
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G06T 7/55 (2017.01)
G06N 3/067 (2006.01)
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E03D 3/10 (2006.01)
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C08L 33/26 (2006.01)
C08L 79/02 (2006.01)
C08L 97/00 (2006.01)
C09J 133/26 (2006.01)
C09J 179/02 (2006.01)
C09J 197/00 (2006.01)
D21H 17/37 (2006.01)
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H04L 9/40 (2022.01)
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 (54) METHOD AND SYSTEM FOR PROCESSING DATA PACKAGES
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 H04L 9/40 (2022.01)
 H04L 51/212 (2022.01)
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 H04W 12/102 (2021.01)
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 F03B 17/06 (2006.01)
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 C07D 221/04 (2006.01)
 A61K 31/4355 (2006.01)
 A61P 31/14 (2006.01)
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 A01N 1/02 (2006.01)
 A61K 35/12 (2015.01)
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 A61F 13/47 (2006.01)
 A61F 13/472 (2006.01)
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 B01D 53/14 (2006.01)
 B01D 53/46 (2006.01)
 B01D 53/62 (2006.01)
 B01D 53/78 (2006.01)
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 (74) GLMR
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 (54) INHIBITOR OF INTERACTION BETWEEN YAP/TAZ AND TEAD, PREPARATION THEREOF, PHARMACEUTICAL COMPOSITION THEREOF AND USE THEREOF
 (51) Int. Cl.
 C07D 405/14 (2006.01)
 A61K 31/343 (2006.01)
 A61K 31/443 (2006.01)
 A61P 35/00 (2006.01)
 C07D 307/81 (2006.01)
 C07D 401/14 (2006.01)
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 (54) A METHOD FOR PROTEIN DESIGN
 (51) Int. Cl.
 G16B 15/20 (2019.01)
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 C07K 16/28 (2006.01)
 A61P 35/00 (2006.01)
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- (71) EXOXEMIS, INC.
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 (54) COMPOSITIONS AND METHODS FOR TREATING SOLID CANCER
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 A61P 35/00 (2006.01)
 A61K 47/02 (2006.01)
 A61K 47/18 (2017.01)
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C12Q 1/6869 (2018.01)
G01N 33/487 (2006.01)
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A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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(54) WASTE COMPACTOR
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C08F 220/54 (2006.01)
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B01D 53/52 (2006.01)
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A43B 7/142 (2022.01)
A43B 7/1463 (2022.01)
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H04S 7/00 (2006.01)
G10L 21/0208 (2013.01)
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H04L 9/00 (2022.01)
G06Q 20/00 (2012.01)
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C07D 277/10 (2006.01)
A61K 31/426 (2006.01)
A61P 29/00 (2006.01)
C07D 417/14 (2006.01)
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B65G 47/66 (2006.01)
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A23D 9/04 (2006.01)
A23L 33/00 (2016.01)
C11B 7/00 (2006.01)
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C25B 11/042 (2021.01)
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C25D 17/10 (2006.01)
H01M 4/86 (2006.01)
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A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/47 (2006.01)
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C12N 15/113 (2010.01)
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G06Q 10/1053 (2023.01)
G06Q 50/20 (2012.01)
G16H 50/30 (2018.01)
A61B 5/00 (2006.01)
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F24F 11/52 (2018.01)
F21V 33/00 (2006.01)
F24F 11/89 (2018.01)
F24F 13/08 (2006.01)
F24F 13/20 (2006.01)
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(72) LIANG, Haohui; YU, Yong
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H05K 5/02 (2006.01)
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B01F 25/442 (2022.01)
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(54) METHOD FOR DIAMOND DETECTION
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G01N 23/087 (2018.01)
G01N 33/38 (2006.01)
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(54) DOSING FOR TREATMENT WITH ANTI-FCRH5/ANTI-CD3 BISPECIFIC ANTIBODIES
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/00 (2006.01)
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A61P 35/00 (2006.01)
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A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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- (54) METHODS OF PROCESSING A FLUID
- (51) Int. Cl.
B01D 61/14 (2006.01)
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F25B 9/00 (2006.01)
F24F 1/0003 (2019.01)
F24F 1/0083 (2019.01)
F24F 11/42 (2018.01)
F24F 11/83 (2018.01)
F25B 29/00 (2006.01)
F25B 41/40 (2021.01)
F25B 47/02 (2006.01)
F24F 140/20 (2018.01)
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A61K 31/675 (2006.01)
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- (54) DATA CAPTURE DEVICE, SYSTEM & METHOD
- (51) Int. Cl.
E21B 25/16 (2006.01)
E21B 47/02 (2006.01)
E21B 47/026 (2006.01)
E21B 47/06 (2012.01)
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- (72) HEJLEH, Khaled
- (74) Westmark IP
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(21) 2022444183 (22) 03.03.2022
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A47J 37/07 (2006.01)
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(43) 07.09.2023
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- (74) AJ PARK
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(11) AU-A-2023235376
(21) 2023235376 (22) 20.03.2023
- (54) COMBINATION THERAPY FOR TREATING CANCER
- (51) Int. Cl.
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A61K 31/44 (2006.01)
A61K 31/495 (2006.01)
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B65D 83/08 (2006.01)
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A61P 35/00 (2006.01)
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C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
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G08G 1/09 (2006.01)
G08G 1/123 (2006.01)
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C12N 15/52 (2006.01)
C12P 19/18 (2006.01)
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C12R 1/19 (2006.01)
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H05B 6/06 (2006.01)
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G01B 7/32 (2006.01)
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G01R 15/12 (2006.01)
G01R 27/08 (2006.01)
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C21B 13/12 (2006.01)
C04B 5/06 (2006.01)
C21B 3/08 (2006.01)
C21B 11/10 (2006.01)
C21C 7/00 (2006.01)
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A61K 39/00 (2006.01)
A61K 38/00 (2006.01)
A61K 38/28 (2006.01)
A61P 3/10 (2006.01)
A61P 37/00 (2006.01)
C07K 14/435 (2006.01)
C07K 14/47 (2006.01)
C07K 14/575 (2006.01)
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- (51) Int. Cl.
A61K 45/06 (2006.01)
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A61P 25/00 (2006.01)
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A61M 16/06 (2006.01)
B23B 41/14 (2006.01)
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A61K 35/747 (2015.01)
A23L 33/135 (2016.01)
A61P 5/30 (2006.01)
A61P 43/00 (2006.01)
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A61Q 5/12 (2006.01)
C07C 209/20 (2006.01)
C11D 1/835 (2006.01)
C11D 3/00 (2006.01)
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 B60L 50/75 (2019.01)
 H01M 8/249 (2016.01)
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 B32B 27/08 (2006.01)
 B29C 48/08 (2019.01)
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 (74) Patentec Patent Attorneys

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 OF STRUCTURES OF THE EYE IN-
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 A61B 18/20 (2006.01)
 A61B 3/107 (2006.01)
 A61B 3/14 (2006.01)
 A61F 9/008 (2006.01)
 G06N 3/02 (2006.01)
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 A47L 7/00 (2006.01)
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 (51) Int. Cl.
 G06Q 30/06 (2023.01)
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 A61K 38/17 (2006.01)
 A61K 38/40 (2006.01)
 A61K 38/43 (2006.01)
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 AND POUCH FOR USE WITH BEVER-
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 (51) Int. Cl.
 B67D 1/08 (2006.01)
 A47J 31/44 (2006.01)
 B67D 1/04 (2006.01)
 B67D 3/00 (2006.01)
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 G08B 21/02 (2006.01)
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 A61B 5/00 (2006.01)
 G16H 40/63 (2018.01)
 G16H 50/20 (2018.01)
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 (51) Int. Cl.
 A61K 8/19 (2006.01)
 A61K 8/73 (2006.01)
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 A61Q 11/00 (2006.01)
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 C07D 311/16 (2006.01)
 A61K 31/37 (2006.01)
 A61K 31/4025 (2006.01)
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 A61P 35/00 (2006.01)
 C07D 405/12 (2006.01)
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 C12N 15/52 (2006.01)
 A23C 9/12 (2006.01)
 A23C 11/04 (2006.01)
 A23L 33/115 (2016.01)
 C12P 7/6463 (2022.01)
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 G05D 1/00 (2024.01)
 E04H 4/16 (2006.01)
 G08C 23/02 (2006.01)
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 C02F 103/42 (2006.01)
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 D21F 1/80 (2006.01)
 D21B 1/30 (2006.01)
 D21D 1/40 (2006.01)
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 A61K 35/17 (2015.01)
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 A47J 27/21 (2006.01)
 A47J 31/043 (2006.01)
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 (74) Patenteur Pty Ltd
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 C07D 471/02 (2006.01)
 C07D 401/14 (2006.01)
 C07D 471/04 (2006.01)
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 (54) ENGINEERED CD200R ANTIBODIES AND USES THEREOF
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 C07K 16/28 (2006.01)
 A61P 29/00 (2006.01)
 A61P 37/02 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) VEHICLE FRONT END PORTION STRUCTURE
 (51) Int. Cl.
 B60R 19/52 (2006.01)
 B62D 25/08 (2006.01)
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E21B 15/00 (2006.01)
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A61M 27/00 (2006.01)
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A61K 31/7088 (2006.01)
A61K 47/24 (2006.01)
A61K 47/28 (2006.01)
A61K 47/30 (2006.01)
C12N 15/10 (2006.01)
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A61K 47/24 (2006.01)
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A61K 39/395 (2006.01)
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A61K 9/48 (2006.01)
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B01D 3/14 (2006.01)
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A61K 31/635 (2006.01)
A61K 39/395 (2006.01)
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F24S 25/12 (2018.01)
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C07D 237/24 (2006.01)
A01N 43/58 (2006.01)
A01P 7/04 (2006.01)
A61K 31/50 (2006.01)
A61K 31/501 (2006.01)
A61P 33/00 (2006.01)
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B01D 53/14 (2006.01)
B01D 53/62 (2006.01)
B01D 53/80 (2006.01)
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E04G 21/04 (2006.01)
E21D 11/10 (2006.01)

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G01N 25/56 (2006.01)
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B05D 1/02 (2006.01)
G06Q 50/08 (2012.01)
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 AND METHOD
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F04B 41/00 (2006.01)
F04D 19/02 (2006.01)
F04D 25/00 (2006.01)
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F02C 7/232 (2006.01)
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 PREVENTING HAIR LOSS
 (51) Int. Cl.
A61K 36/61 (2006.01)
A61K 8/19 (2006.01)
A61K 8/26 (2006.01)
A61K 8/34 (2006.01)
A61K 31/198 (2006.01)
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A61B 3/117 (2006.01)
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A61B 90/50 (2016.01)
G02B 7/02 (2021.01)
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G06T 15/00 (2011.01)
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 (54) AGRICULTURAL COMPOSITION
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 A01N 63/22 (2020.01)
 A01N 25/04 (2006.01)
 A01N 63/23 (2020.01)
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 (51) Int. Cl.
 C25B 11/031 (2021.01)
 C04B 38/00 (2006.01)
 C25B 1/042 (2021.01)
 C25B 1/23 (2021.01)
 C25B 9/63 (2021.01)
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 A61K 47/02 (2006.01)
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 (54) METHODS FOR PRODUCING AN ORGANOGENIC CALLUS AND COMPOSITIONS, SYSTEMS, AND METHODS RELATING THERETO
 (51) Int. Cl.
 A01H 4/00 (2006.01)
 A01N 47/36 (2006.01)
 C12N 5/04 (2006.01)
 (87) WO2023/192920
 (31) 63/325,364 (32) 30.03.22 (33) US
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 (72) HECKART, Douglas, Lee; CHAUHAN, Raj Deepika
 (74) RnB IP

(71) PARAGON SPACE DEVELOPMENT CORPORATION
 (11) AU-A-2023239358
 (21) 2023239358 (22) 23.03.2023
 (54) VACUUM-SEALED ORAL-NASAL MASK
 (51) Int. Cl.
 A62B 7/02 (2006.01)
 A61M 16/00 (2006.01)
 A61M 16/06 (2006.01)
 A62B 7/12 (2006.01)
 A62B 18/02 (2006.01)
 A62B 18/08 (2006.01)
 B63C 11/32 (2006.01)
 (87) WO2023/183885
 (31) 63/324,020 (32) 25.03.22 (33) US
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 (72) READEY, Peter Francis
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) PARI PHARMA GMBH; SAVARA INC.
 (11) AU-A-2023240286
 (21) 2023240286 (22) 21.03.2023
 (54) DRUG-DEVICE COMBINATION
 (51) Int. Cl.
 A61M 15/00 (2006.01)
 A61K 38/19 (2006.01)
 (87) WO2023/180291
 (31) 22163319.1 (32) 21.03.22 (33) EP

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(71) PEPSICO, INC.
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 (21) 2023236270 (22) 14.03.2023
 (54) SYSTEM AND METHODS FOR CARBONATING A LIQUID
 (51) Int. Cl.
 B01F 23/236 (2022.01)
 A23L 2/54 (2006.01)
 A47J 31/40 (2006.01)
 (87) WO2023/178097
 (31) 63/269,358 (32) 15.03.22 (33) US
 (43) 21.09.2023
 (72) EATON, John; MITCHELL, Mary Katherine; BROWN, Stephen; JONES, Ross Peter; KILBY, Charles Frazer; KIMPTON, Laura Saranne; POTTER, Andrew Robert
 (74) Allens Patent & Trade Mark Attorneys

(71) PEPSICO, INC.
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 (21) 2023245313 (22) 28.03.2023
 (54) BEVERAGE CAN WITH INGREDIENT CHAMBER
 (51) Int. Cl.
 B65D 17/40 (2006.01)
 B65D 51/28 (2006.01)
 A47J 31/00 (2006.01)
 A47J 31/40 (2006.01)
 (87) WO2023/192271
 (31) 17/710,672 (32) 31.03.22 (33) US
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 (72) DOWNING, Graham Robert; TELESKA, Bruno; TAYLOR, Andrew Robert; WIN, Leanne Yip Heung
 (74) Allens Patent & Trade Mark Attorneys

(71) PERFORMANCE PROCESSING PTY LTD
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 (21) 2023347076 (22) 20.09.2023
 (54) A PROCESS AND SYSTEM FOR HEATING A LITHIUM CONTAINING MATERIAL
 (51) Int. Cl.
 F27D 11/12 (2006.01)
 C01D 15/08 (2006.01)
 C22B 1/02 (2006.01)
 C22B 4/08 (2006.01)
 C22B 26/12 (2006.01)
 F27B 7/00 (2006.01)
 (87) WO2024/059903
 (31) 2022902726 (32) 21.09.22 (33) AU
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 (72) MAREE, David; LYNCH, Paul; MAREE, Suzanne Elizabeth
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(51) Int. Cl.
A62D 1/02 (2006.01)
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(87) WO2023/196269
(31) 63/327,198 (32) 04.04.22 (33) US
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(74) Oxygene IP
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- (71) PETER MACCALLUM CANCER INSTITUTE; THE UNIVERSITY OF MELBOURNE
(11) AU-A-2023234193
(21) 2023234193 (22) 16.03.2023
(54) TARGETED DELIVERY OF THERANOSTIC AGENTS
(51) Int. Cl.
C07K 7/08 (2006.01)
A61K 38/00 (2006.01)
A61K 38/10 (2006.01)
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/173174
(31) 2022900646 (32) 16.03.22 (33) AU
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(72) HASKALI, Mohammad; HUTTON, Craig A.
(74) Davies Collison Cave Pty Ltd
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- (71) PFIZER INC.; BRISTOL-MYERS SQUIBB COMPANY
(11) AU-A-2023269146
(21) 2023269146 (22) 11.05.2023
(54) ANTI-TL1A ANTIBODIES AND METHODS OF USE THEREOF
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/06 (2006.01)
C07K 16/28 (2006.01)
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(21) 2023239178 (22) 17.03.2023
(54) PHYTO-ANALYSIS SENSOR
(51) Int. Cl.
G01N 27/414 (2006.01)
G01N 33/00 (2006.01)
G01N 27/333 (2006.01)
G01N 33/46 (2006.01)
(87) WO2023/181082
- (31) 102022000005294 (32) 19.03.22 (33) IT
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(72) BECCATELLI, Tommaso; BECCATELLI, Matteo
(74) Griffith Hack
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- (71) POPLAC DEVELOPMENT S.L.
(11) AU-A-2023240204
(21) 2023240204 (22) 13.03.2023
(54) BUILDING MATERIAL
(51) Int. Cl.
C04B 26/28 (2006.01)
C04B 111/28 (2006.01)
(87) WO2023/180116
(31) P202230262 (32) 23.03.22 (33) ES
22187705.3 29.07.22 EP
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(74) Griffith Hack
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- (71) PPG ARCHITECTURAL FINISHES, INC.
(11) AU-A-2023253684
(21) 2023253684 (22) 10.04.2023
(54) SYSTEMS AND METHODS FOR USE IN MAINTAINING CONDUITS AND PIPES
(51) Int. Cl.
F16L 55/30 (2006.01)
B08B 9/043 (2006.01)
(87) WO2023/201194
(31) 63/329,470 (32) 10.04.22 (33) US
(43) 19.10.2023
(72) MOTZNO, Douglas W.
(74) Minter Ellison
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- (71) PRAXIS PRECISION MEDICINES, INC.
(11) AU-A-2023244348
(21) 2023244348 (22) 28.03.2023
(54) METHODS OF USING OLIGOMERIC COMPOUNDS TO TREAT SCN2A-RELATED DISORDERS
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 9/00 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/712 (2006.01)
A61K 48/00 (2006.01)
A61P 25/08 (2006.01)
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(31) 63/324,531 (32) 28.03.22 (33) US
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(74) RnB IP
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- (71) PRIMOBIUS GMBH
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(21) 2023242453 (22) 28.03.2023
(54) METHOD AND FACILITY FOR PREPARING AND EVALUATING BATTERIES
(51) Int. Cl.
C01B 32/215 (2017.01)
C22B 3/00 (2006.01)
- (71) PRIMOBIUS GMBH
(11) AU-A-202324463
(21) 202324463 (22) 28.03.2023
(54) METHOD AND SYSTEM FOR OBTAINING GRAPHITE
(51) Int. Cl.
C01B 32/215 (2017.01)
C22B 3/00 (2006.01)
C22B 3/02 (2006.01)
C22B 3/08 (2006.01)
C22B 3/44 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
H01M 10/54 (2006.01)
(87) WO2023/186883
(31) 10 2022 203 084.2 (32) 29.03.22 (33) DE
10 2023 200 645.6 26.01.23 DE
(43) 05.10.2023
(72) BREUER, Michael; GIER-ZUCKETTO, Joachim
(74) Griffith Hack
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- (71) PRIMOBIUS GMBH
(11) AU-A-202324657
(21) 202324657 (22) 28.03.2023
(54) PROCESS AND SYSTEM FOR OBTAINING GRAPHITE
(51) Int. Cl.
C01B 32/215 (2017.01)
C22B 3/00 (2006.01)
C22B 3/02 (2006.01)
C22B 3/08 (2006.01)
C22B 3/44 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
H01M 10/54 (2006.01)
(87) WO2023/186889
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(72) BREUER, Michael; GIER-ZUCKETTO, Joachim
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- (71) PRIMOBIUS GMBH
(11) AU-A-2023246893
(21) 2023246893 (22) 28.03.2023
(54) PROCESS AND SYSTEM FOR OBTAINING GRAPHITE
(51) Int. Cl.
C01B 32/215 (2017.01)
C22B 3/00 (2006.01)
C22B 3/02 (2006.01)

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C22B 3/44 (2006.01)
C22B 7/00 (2006.01)
C22B 26/12 (2006.01)
H01M 10/54 (2006.01)
- (87) WO2023/186890
(31) 10 2022 203 084.2 (32) 29.03.22 (33) DE
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- (43) 05.10.2023
(72) BREUER, Michael; GIER-ZUCKETTO, Joachim
(74) Griffith Hack
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- (71) PROVINCIAL HEALTH SERVICES AUTHORITY; THE UNIVERSITY OF BRITISH COLUMBIA; ALPHA-9 ONCOLOGY INC.
(11) AU-A-2023257191
(21) 2023257191 (22) 20.04.2023
(54) CXCR4-TARGETING COMPOUNDS, AND METHODS OF MAKING AND USING THE SAME
(51) Int. Cl.
C07K 7/56 (2006.01)
A61K 47/62 (2017.01)
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
C07K 1/13 (2006.01)
C07K 7/02 (2006.01)
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(74) Spruson & Ferguson
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- (71) PURA SCENTS, INC.
(11) AU-A-2023252929
(21) 2023252929 (22) 14.04.2023
(54) VEHICLE FRAGRANCE DISPENSING DEVICE
(51) Int. Cl.
A61L 9/12 (2006.01)
B60H 3/00 (2006.01)
- (87) WO2023/201342
(31) 63/331,752 (32) 15.04.22 (33) US
18/157,624 20.01.23 US
(43) 19.10.2023
(72) PROBST, Caleb; COOPER, Christopher; COOK, Clint; FREITAG, David; TRIMBLE, Hannah; ALTUNA, Juan; BAIRD, Michael; CHUBAK, Celeste; RAULSTON, Jared; TESCH, Auston; GRANT, Mason; MAYADEVI, Fnu; DAVIS, Trevor
(74) FB Rice Pty Ltd
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- (71) RAKUTEN MOBILE, INC.
(11) AU-A-2022479187
(21) 2022479187 (22) 19.09.2022
(54) SYSTEM AND METHOD FOR PROVIDING RRC INACTIVE MODE ENHANCED PAGING FOR MOBILE TERMINATING-SMALL DATA TRANSFER
- (51) Int. Cl.
H04W 76/27 (2018.01)
H04B 7/26 (2006.01)
H04W 68/00 (2009.01)
H04W 72/02 (2009.01)
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(72) SHETE, Pankaj; MUHAMMAD, Awn; AOYAGI, Kenichiro
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- (71) RAPT THERAPEUTICS, INC.
(11) AU-A-2023248361
(21) 2023248361 (22) 05.04.2023
(54) CHEMOKINE RECEPTOR MODULATORS AND USES THEREOF
(51) Int. Cl.
A61P 9/00 (2006.01)
A61K 31/506 (2006.01)
A61P 11/00 (2006.01)
A61P 17/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
A61P 37/08 (2006.01)
C07D 401/14 (2006.01)
C07D 403/14 (2006.01)
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(72) TIVITMAHAISON, Parcharee; WUSTROW, David, J.; ZIBINSKY, Mikhail; ROBLES, Omar
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) RAYTHEON COMPANY
(11) AU-A-2023265923
(21) 2023265923 (22) 08.03.2023
(54) ANTENNA ARRAY CALIBRATION DEVICE AND METHOD
(51) Int. Cl.
H04B 17/11 (2015.01)
H01Q 1/00 (2006.01)
H04B 17/21 (2015.01)
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(74) RnB IP Pty Ltd
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- (71) REGENCOR, INC.
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(21) 2023240415 (22) 24.03.2023
(54) USE OF FOLLISTATIN-LIKE 1 (FSTL1) IN CARDIOMETABOLIC HEART FAILURE
(51) Int. Cl.
A61K 38/17 (2006.01)
A61P 9/10 (2006.01)
C07K 14/47 (2006.01)
A61K 48/00 (2006.01)
- (87) WO2023/183933
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(72) OKARMA, Thomas, B.; RUIZ-LOZANO, Pilar
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(11) AU-A-2023259352
(21) 2023259352 (22) 25.04.2023
(54) TRANSCRIPTOME ANALYSIS FOR TREATING INFLAMMATION
(51) Int. Cl.
C12Q 1/6809 (2018.01)
C12Q 1/6883 (2018.01)
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(74) Davies Collison Cave Pty Ltd
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(21) 2023230104 (22) 07.03.2023
(54) MEMBER FOR SUPPORTING ONE OR MORE ARTICLES
(51) Int. Cl.
B65D 5/42 (2006.01)
B65D 5/50 (2006.01)
- (87) WO2023/170576
(31) 10202200004499 (32) 09.03.22 (33) IT
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(72) MEZZINI, Sergio; BACCOLINI, Federico
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- (71) REPT BATTERO ENERGY CO., LTD.; SHANGHAI RUIPU ENERGY CO., LTD.
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(21) 2022452948 (22) 29.11.2022
(54) CURRENT COLLECTOR HAVING PORE-FORMING FUNCTIONAL COATING, ELECTRODE SHEET, AND BATTERY
(51) Int. Cl.
H01M 4/66 (2006.01)
H01M 4/80 (2006.01)
- (87) WO2023/197615
(31) 202210377143.9 (32) 12.04.22 (33) CN
(43) 19.10.2023
(72) CAO, Hui; YAO, Yi; HOU, Min; LIU, Chan; GUO, Yingying; YANG, Yaqing
(74) FB Rice Pty Ltd
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- (71) RESONANT LLC
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(21) 2023234529 (22) 14.03.2023
(54) NEURONAL METHYLATION SIGNATURES FROM CELL FREE DNA AS A PRE-SYMPTOMATIC NEURODEGENERATIVE CONDITION SURVEILLANCE DIAGNOSTIC
(51) Int. Cl.
G16B 40/00 (2019.01)

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C12Q 1/6811 (2018.01)
C12Q 1/686 (2018.01)
C12Q 1/6883 (2018.01)
G16B 20/20 (2019.01)
(87) WO2023/178109
(31) 63/319,916 (32) 15.03.22 (33) US
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(72) POLLARD, Chad; JENKINS, Timothy
(74) Spruson & Ferguson
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- (71)** REVAGENIX, INC.
(11) AU-A-2023228405
(21) 2023228405 (22) 03.03.2023
(54) BROAD SPECTRUM AMINOGLYCOSIDES AND USES THEREOF
(51) Int. Cl.
C07H 15/232 (2006.01)
A61K 31/7036 (2006.01)
A61P 31/04 (2006.01)
(87) WO2023/166488
(31) 63/316,731 (32) 04.03.22 (33) US
(43) 07.09.2023
(72) LOPEZ, Michael Steven; CIRZ, Ryan
 Thomas; CALABRESE, Andrew Antony
(74) FB Rice Pty Ltd
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- (71)** REVOLO BIOTHERAPEUTICS LIMITED
(11) AU-A-2023247081
(21) 2023247081 (22) 31.03.2023
(54) COMPOSITIONS AND THEIR USE IN METHODS FOR TREATING INTESTINAL INFLAMMATION
(51) Int. Cl.
A61K 38/17 (2006.01)
A61P 1/04 (2006.01)
A61P 37/00 (2006.01)
(87) WO2023/187422
(31) 63/326,108 (32) 31.03.22 (33) US
(43) 05.10.2023
(72) FOULKES, Roly; DEALBA, Jorge
(74) RnB IP Pty Ltd
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- (71)** RIVIT TV, INC.
(11) AU-A-2023273596
(21) 2023273596 (22) 09.05.2023
(54) SYSTEMS AND METHODS FOR ALTERNATIVE ADVERTS
(51) Int. Cl.
G06Q 30/02 (2023.01)
H04N 21/437 (2011.01)
H04N 21/81 (2011.01)
H04N 21/422 (2011.01)
(87) WO2023/224841
(31) 63/342,310 (32) 16.05.22 (33) US
 17/948,120 19.09.22 US
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(72) BRADLEY, Wade; PILLAI, Shrikesh
 Karunakaran
(74) Davies Collison Cave Pty Ltd
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- (71)** ROHM AND HAAS COMPANY
(11) AU-A-2023241577
(21) 2023241577 (22) 23.03.2023
- (54)** AQUEOUS DISPERSION OF BIOCIDE-FREE ORGANIC OPACIFYING PIGMENT PARTICLES
(51) Int. Cl.
C09D 5/00 (2006.01)
(87) WO2023/192105
(31) 63/324,752 (32) 29.03.22 (33) US
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(72) CONLEY, Tara L.; FRANKEL, Erica A.; LEONARD, Michael W.; REINER, Benjamin; TELYATNIKOV, Vladislav V.; BROWNELL, Arnold S.
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71)** ROHM AND HAAS COMPANY
(11) AU-A-2023242690
(21) 2023242690 (22) 23.03.2023
(54) METHOD FOR PREPARING AN AQUEOUS DISPERSION OF BIOCIDE-FREE ORGANIC OPACIFYING PIGMENT PARTICLES
(51) Int. Cl.
C08F 265/04 (2006.01)
C08F 2/00 (2006.01)
C08F 2/22 (2006.01)
C08F 6/00 (2006.01)
C08F 6/02 (2006.01)
(87) WO2023/192106
(31) 63/324,755 (32) 29.03.22 (33) US
(43) 05.10.2023
(72) CONLEY, Tara L.; FRANKEL, Erica A.; LEONARD, Michael W.; TELYATNIKOV, Vladislav V.
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71)** ROQUETTE FRERES
(11) AU-A-2023228532
(21) 2023228532 (22) 28.02.2023
(54) COLORANT COMPOSITION FOR FILM COATING SUITABLE FOR UV LASER PRINTING AND UV LASER PRINTING METHOD USING SAME COMPOSITION
(51) Int. Cl.
C09D 7/61 (2018.01)
C08K 3/22 (2006.01)
C08K 3/26 (2006.01)
C08K 3/34 (2006.01)
C09D 11/037 (2014.01)
C09D 129/04 (2006.01)
(87) WO2023/167494
(31) 10-2022-0026538 (32) 02.03.22 (33) KR
(43) 07.09.2023
(72) LEE, Kyoung-Ho
(74) FB Rice Pty Ltd
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- (71)** RVMAGNETICS, A.S.
(11) AU-A-2023250422
(21) 2023250422 (22) 30.03.2023
(54) PHYSICAL QUANTITY MEASUREMENT SYSTEM AND/OR FOR POSITION MEASUREMENT WITH BISTABLE MAGNETIC WIRE, METHOD OF MEASUREMENT
(51) Int. Cl.
G01D 5/14 (2006.01)
G01P 3/481 (2006.01)
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- (87)** WO2023/194852
(31) 22166892.4 (32) 06.04.22 (33) EP
(43) 12.10.2023
(72) VARGA, Rastislav
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71)** S.A. LHOIST RECHERCHE ET DEVELOPPEMENT
(11) AU-A-2023244483
(21) 2023244483 (22) 29.03.2023
(54) METHOD FOR STABILISING SOILS, MORE SPECIFICALLY SOILS EXCAVATED FROM TRENCHES USING A CALCIUM-MAGNESIUM COMPOSITION
(51) Int. Cl.
C09K 17/40 (2006.01)
C04B 24/10 (2006.01)
C04B 28/18 (2006.01)
E02D 17/00 (2006.01)
(87) WO2023/186991
(31) BE2022/5222 (32) 29.03.22 (33) BE
 BE2022/5632 12.08.22 BE
 BE2023/5170 12.08.22 BE
(43) 05.10.2023
(72) HERRIER, Gontran; LOSMA, Francesca; OZTURK, Tamer; VERHELST, Frederik
(74) Integrated IP
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- (71)** S.C.R. (ENGINEERS) LIMITED
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(21) 2023248771 (22) 04.04.2023
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(51) Int. Cl.
A01K 19/00 (2006.01)
A01K 29/00 (2006.01)
A01K 67/00 (2006.01)
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(51) Int. Cl.
A61K 9/50 (2006.01)
A61K 9/16 (2006.01)
A61K 31/4045 (2006.01)
A61P 25/20 (2006.01)

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 C07K 16/44 (2006.01)
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 A61K 31/53 (2006.01)
 A61P 25/00 (2006.01)
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 F01K 9/00 (2006.01)
 F01K 25/10 (2006.01)
 F22B 1/00 (2006.01)
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 H02J 9/06 (2006.01)
 B60L 55/00 (2019.01)
 H01M 8/04 (2016.01)
- H02J 3/38 (2006.01)
 H02J 7/35 (2006.01)
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 A61B 5/377 (2021.01)
 A61B 5/291 (2021.01)
 A61B 5/369 (2021.01)
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 G01M 13/00 (2019.01)
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 C07D 491/107 (2006.01)
 A61K 31/444 (2006.01)
 A61P 3/00 (2006.01)
 A61P 9/00 (2006.01)
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 A61P 13/12 (2006.01)
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 C07C 225/20 (2006.01)
 A61K 31/135 (2006.01)
 A61K 31/215 (2006.01)
 A61K 31/277 (2006.01)
 A61P 25/00 (2006.01)
 A61P 25/24 (2006.01)
 C07C 221/00 (2006.01)
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 (54) RETICLE FOR A VIEWING OPTIC
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 F41G 11/00 (2006.01)
 F41G 1/38 (2006.01)
 G02B 23/16 (2006.01)
 G03B 29/00 (2021.01)
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F16L 29/04 (2006.01)
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(21) 2023225913 **(22)** 27.02.2023
(54) AMINO LIPID COMPOUND, PREPARATION METHOD THEREFOR, COMPOSITION THEREOF AND USE THEREOF
(51) Int. Cl.
C07C 271/20 (2006.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/18 (2017.01)
C07C 219/16 (2006.01)
C07C 229/10 (2006.01)
C07C 229/12 (2006.01)
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C07C 271/16 (2006.01)
C07D 207/02 (2006.01)
C07D 211/04 (2006.01)
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(54) INFORMATION PROCESSING DEVICE, METHOD, PROGRAM, AND SYSTEM
(51) Int. Cl.
A61B 5/107 (2006.01)
G06T 7/00 (2017.01)
G06T 7/70 (2017.01)
G06T 11/80 (2006.01)
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B05D 3/06 (2006.01)
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B05D 7/00 (2006.01)
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B42D 25/369 (2014.01)
B05D 3/00 (2006.01)
B05D 5/06 (2006.01)
B42D 25/351 (2014.01)
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H02P 13/06 (2006.01)
H01F 29/04 (2006.01)
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F24S 25/634 (2018.01)
H02S 20/23 (2014.01)
F24S 25/61 (2018.01)
F24S 25/65 (2018.01)
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H02S 30/10 (2014.01)
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G01R 31/34 (2020.01)
H02J 7/34 (2006.01)
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A61K 39/395 (2006.01)
A61K 38/01 (2006.01)
A61P 37/00 (2006.01)
C07K 16/24 (2006.01)
C07K 16/28 (2006.01)
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A23F 5/24 (2006.01)
A23F 5/28 (2006.01)
A23F 5/36 (2006.01)
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 (54) COFFEE COMPOSITIONS
 (51) Int. Cl.
 A23F 5/24 (2006.01)
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 (54) COMPOSITIONS COMPRISING A COMBINATION OF CAFFEINE AND OLEUROPEIN OR A METABOLITE THEREOF AND THEIR USE FOR IMPROVING MUSCLE FUNCTION
 (51) Int. Cl.
 A61K 31/7048 (2006.01)
 A23L 33/00 (2016.01)
 A23L 33/105 (2016.01)
 A61K 31/05 (2006.01)
 A61K 31/35 (2006.01)
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 A61P 21/00 (2006.01)
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 (51) Int. Cl.
 A61K 31/7048 (2006.01)
 A23L 33/00 (2016.01)
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 A61P 21/00 (2006.01)
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 G01N 33/569 (2006.01)
 C12Q 1/689 (2018.01)
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 (54) A METHOD FOR SYNTHESIS OF HALIDE SALTS
 (51) Int. Cl.
 C01G 21/16 (2006.01)
 C07C 209/68 (2006.01)
 C07C 211/04 (2006.01)
 C07C 227/14 (2006.01)
 C07C 277/00 (2006.01)
 C07C 279/02 (2006.01)
 C07D 213/18 (2006.01)
 C07D 233/58 (2006.01)
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 (11) AU-A-2023248734
 (21) 2023248734 (22) 07.03.2023
 (54) ORAL CARE COMPOSITIONS, METHODS, AND KITS
 (51) Int. Cl.
 A61K 8/19 (2006.01)
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 A61Q 11/00 (2006.01)
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 (54) ENDLESS TRACK FOR TRACK SYSTEM AND TRACK SYSTEM HAVING SAME
 (51) Int. Cl.
 B62D 55/18 (2006.01)
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 A61B 17/770 (2006.01)
 A61F 2/46 (2006.01)
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 (21) 2023245791 (22) 31.03.2023
 (54) ELECTROSTATIC SPRAY DRIED ACTIVE COMPOUND POWDERS AND PRODUCTION METHOD THEREOF
 (51) Int. Cl.
 A23P 10/35 (2016.01)
 A23D 9/05 (2006.01)
 A23P 10/47 (2016.01)
 (87) WO2023/192594
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 (21) 2023271711 (22) 03.05.2023
 (54) AUTOMATED BALLOON INFLATION DEVICE FOR TRANSCATHETER HEART VALVE IMPLANTATION
 (51) Int. Cl.
 A61F 2/24 (2006.01)
 A61F 2/95 (2013.01)
 (87) WO2023/224808
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B43K 19/14 (2006.01)
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C08L 1/02 (2006.01)
C08L 67/02 (2006.01)
C08L 97/02 (2006.01)
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(11) AU-A-2023243582
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(54) UREA PLANT WITH VALVE; UREA PRODUCTION PROCESS; USE AND METHOD
(51) Int. Cl.
B01J 3/00 (2006.01)
B01J 19/02 (2006.01)
F16K 25/00 (2006.01)
F16K 27/00 (2006.01)
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A44C 5/12 (2006.01)
A44C 5/14 (2006.01)
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A61K 9/51 (2006.01)
A61K 31/00 (2006.01)
A61K 31/70 (2006.01)
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A01N 43/80 (2006.01)
A01N 63/22 (2020.01)
A01N 63/23 (2020.01)
A01P 7/04 (2006.01)
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C07D 213/80 (2006.01)
A01N 43/40 (2006.01)
A01P 13/00 (2006.01)
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C07K 14/415 (2006.01)
C12N 9/22 (2006.01)
C12N 15/82 (2006.01)
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A01H 6/46 (2018.01)
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A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
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A61K 31/47 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
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(54) OFFSHORE FLOATING INTERVENTION PLATFORM INTENDED TO DOCK ON AN OFFSHORE WIND TURBINE PLATFORM, RELATED ASSEMBLY AND INTERVENTION METHOD
(51) Int. Cl.

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B63B 35/44 (2006.01)
B63B 75/00 (2020.01)
B63B 77/10 (2020.01)
E02B 17/00 (2006.01)
F03D 13/25 (2016.01)
F03D 80/50 (2016.01)
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(31) 22305385.1 **(32)** 28.03.22 **(33)** EP
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(21) 2023246671 **(22)** 27.03.2023
(54) OFFSHORE FLOATING INTERVENTION PLATFORM HAVING A LIFTING TOWER WITH A POSITION COMPENSATION DEVICE, RELATED ASSEMBLY AND METHOD
(51) Int. Cl.
B63B 75/00 (2020.01)
B63B 27/10 (2006.01)
B63B 27/16 (2006.01)
B63B 27/30 (2006.01)
B63B 35/00 (2020.01)
B63B 35/44 (2006.01)
B66C 13/02 (2006.01)
E02B 17/00 (2006.01)
F03D 13/25 (2016.01)
F03D 80/50 (2016.01)
F03D 80/55 (2016.01)
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(51) Int. Cl.
G01N 21/64 (2006.01)
A01K 45/00 (2006.01)
G01N 33/08 (2006.01)
G01N 33/02 (2006.01)
G01N 33/28 (2006.01)
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H02J 3/14 (2006.01)
H02J 3/24 (2006.01)
H04W 52/02 (2009.01)
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(51) Int. Cl.
B65D 5/56 (2006.01)
B29C 45/03 (2006.01)
B29C 45/28 (2006.01)
B31B 50/84 (2017.01)
B65B 61/18 (2006.01)
B65D 5/74 (2006.01)
B65D 47/08 (2006.01)
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B65D 5/56 (2006.01)
B65D 5/74 (2006.01)
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C08B 30/00 (2006.01)
A23D 7/02 (2006.01)
A23L 29/212 (2016.01)
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B65D 5/74 (2006.01)
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B65D 5/74 (2006.01)
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G05D 1/00 (2006.01)
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 (21) 2023233662 (22) 07.03.2023
 (54) AUTOMATICALLY-ALIGNING MAGNETIC FIELD SYSTEM
 (51) Int. Cl.
H02J 50/00 (2016.01)
H02J 50/40 (2016.01)
H02J 50/80 (2016.01)
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 (54) AUTOMATICALLY-ALIGNING MAGNETIC FIELD SYSTEM AND METHOD OF FABRICATION
 (51) Int. Cl.
H01F 38/14 (2006.01)
H01F 3/08 (2006.01)
H01F 41/02 (2006.01)
H02J 50/12 (2016.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 70/00 (2020.01)
B33Y 80/00 (2015.01)
 (87) WO2023/192738
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 (54) AUTOMATIC TITRATION FOR VAGUS NERVE STIMULATION
 (51) Int. Cl.
A61N 1/36 (2006.01)
G16H 40/67 (2018.01)
A61B 5/00 (2006.01)
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A61N 1/36 (2006.01)
G16H 40/67 (2018.01)
A61B 5/00 (2006.01)
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 (54) MEDICAL PROCEDURE TOOL CONTROL APPARATUS
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A61B 34/00 (2016.01)
A61B 17/00 (2006.01)
A61B 17/22 (2006.01)
A61B 34/30 (2016.01)
A61B 34/37 (2016.01)
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 (54) WILD-DERIVED MOUSE MODELS OF ALZHEIMER'S DISEASE
 (51) Int. Cl.
A01K 67/00 (2006.01)
A01K 67/02 (2006.01)
A01K 67/027 (2006.01)
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 (54) IMMUNODEFICIENT FCGR1 KNOCK-OUT MOUSE MODELS
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A01K 67/027 (2006.01)
C07K 14/705 (2006.01)
C07K 14/715 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
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 (54) ANALYSIS OF GENOMIC WORD FRAMEWORKS ON GENOMIC METHYLATION DATA
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G16B 30/10 (2019.01)
C12N 15/117 (2010.01)
C12Q 1/6869 (2018.01)
G16B 40/00 (2019.01)
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 (51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/095 (2006.01)
A61K 31/215 (2006.01)
A61K 31/34 (2006.01)
A61K 31/33 (2006.01)
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 (31) 63/342,060 (32) 13.05.22 (33) US
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 (74) PHILLIPS ORMONDE FITZPATRICK
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 (21) 2023237228 (22) 21.03.2023
 (54) METHODS FOR GENE AMPLIFICATION
 (51) Int. Cl.
C12N 15/63 (2006.01)
C12N 15/81 (2006.01)
C12N 15/90 (2006.01)
 (87) WO2023/178381
 (31) 2022900699 (32) 21.03.22 (33) AU
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 (72) PENG, Bingyin; VICKERS, Claudia
 (74) Davies Collision Cave Pty Ltd
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- (71) THORAGENIX INNOVATIONS, INC.
 (11) AU-A-2023238891
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 (54) SYSTEMS AND METHODS TO FUSE BONE
 (51) Int. Cl.
A61B 17/80 (2006.01)
A61B 17/82 (2006.01)
A61B 17/28 (2006.01)
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 (21) 2023249312 (22) 03.04.2023
 (54) REVAMP PROCESS FOR AN AMMONIA AND METHANOL CO-PRODUCTION PLANT
 (51) Int. Cl.
C07C 29/151 (2006.01)
C01B 3/00 (2006.01)

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C07C 1/02 (2006.01)
C07C 31/04 (2006.01)
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(43) 12.10.2023
(72) MINGUEZ, David; DAHL, Per Juul;
 KAKOTI, Ameet
(74) Griffith Hack
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- (71)** TOPSOE A/S
(11) AU-A-2023265390
(21) 2023265390 **(22)** 03.05.2023
(54) METHOD FOR PRODUCTION OF
 BLUE AMMONIA
(51) Int. Cl.
C01B 3/02 (2006.01)
C01B 3/38 (2006.01)
C01B 3/48 (2006.01)
C01B 3/56 (2006.01)
C01C 1/04 (2006.01)
(87) WO2023/213862
(31) PA202200424 **(32)** 05.05.22 **(33)** DK
(43) 09.11.2023
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(74) Griffith Hack
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- (71)** TOPSOE A/S
(11) AU-A-2023266684
(21) 2023266684 **(22)** 08.05.2023
(54) CONVERSION OF CARBON DIOXIDE
 AND WATER TO SYNTHESIS GAS
(51) Int. Cl.
C01B 3/02 (2006.01)
C07C 29/151 (2006.01)
C25B 1/04 (2021.01)
C25B 1/23 (2021.01)
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(31) PA202200442 **(32)** 11.05.22 **(33)** DK
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(11) AU-A-2023251185
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 AND PARTICULATE MATTER
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B03B 5/18 (2006.01)
(87) WO2023/194464
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(72) LUNDGAARD, Christian
(74) FPA Patent Attorneys Pty Ltd
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(54) COMPOSITE CONDUCTORS IN-
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 UFACTURE THEREOF
(51) Int. Cl.
H01B 7/29 (2006.01)
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- H01B 3/00** (2006.01)
H01B 3/02 (2006.01)
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(54) COMBINATION OF A GREMLIN-1
 ANTAGONIST WITH AN INHIBITOR
 OF RAS-RAF-MEK-ERK SIGNALLING
(51) Int. Cl.
C07K 16/22 (2006.01)
A61K 31/4184 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/194583
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 JONES, Paul; VAN DE SANDE, Bram
 Jeroen; MORTON, Jennifer Patricia
(74) Griffith Hack
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(11) AU-A-2023251209
(21) 2023251209 **(22)** 06.04.2023
(54) COMBINATION OF A GREMLIN-1
 ANTAGONIST WITH A CYTIDINE
 ANALOGUE OR DEOXYCYTIDINE
 ANALOGUE
(51) Int. Cl.
C07K 16/22 (2006.01)
A61K 31/7068 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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(31) 2205200.5 **(32)** 08.04.22 **(33)** GB
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 JONES, Paul; MORTON, Jennifer Patri-
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(74) Griffith Hack
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A61F 13/53 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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 COMPOSITIONS FOR USE WITH
 SKIN AGING AND METHODS OF
 PRODUCTION THEREOF
(51) Int. Cl.
A61K 8/34 (2006.01)
A61K 31/05 (2006.01)
A61K 36/00 (2006.01)
A61P 17/18 (2006.01)
A61Q 19/08 (2006.01)
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 THAT EXPRESSES KLOTHO PRO-
 TEIN
(51) Int. Cl.
A61K 38/47 (2006.01)
A61K 48/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/28 (2006.01)
C12N 9/24 (2006.01)
C12N 15/861 (2006.01)
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 VERDÉS FRANQUESA, Sergi; HER-
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 RODRIGUEZ, Miguel
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(54) COMPOSITION COMPRISING CYTID-
 INE ANALOGS AND USES AND
 METHODS THEREOF
(51) Int. Cl.
A61K 9/08 (2006.01)
A61K 31/706 (2006.01)
A61K 31/7068 (2006.01)
A61K 47/10 (2017.01)
A61K 47/20 (2006.01)
A61P 35/00 (2006.01)
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C07K 14/71 (2006.01)
A61K 38/18 (2006.01)
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C07K 14/715 (2006.01)
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C07D 243/24 (2006.01)
A61K 31/5513 (2006.01)
C07B 59/00 (2006.01)
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 (54) METHODS AND COMPOSITIONS FOR TREATING TNNT2 RELATED CARDIOMYOPATHY WITH A VIRAL VECTOR
 (51) Int. Cl.
C12N 15/86 (2006.01)
C12N 5/10 (2006.01)
C12N 15/63 (2006.01)
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A61K 48/00 (2006.01)
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A61K 48/00 (2006.01)
A61P 9/00 (2006.01)
C07K 14/47 (2006.01)
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A61K 39/39 (2006.01)
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 (54) RARE EARTH PRODUCTION FROM COAL FEEDSTOCKS
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C01F 17/10 (2020.01)
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C22B 7/00 (2006.01)
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 (54) A PROCESS FOR PREPARATION OF 3-[5-(DIFLUOROMETHOXY)-1-METHYL-3-(TRIFLUOROMETHYL)PYRAZOL-4-YLMETHYLSULFONYL]-4,5-DIHYDRO-5,5-DIMETHYL-1,2-OXAZOLE AND ITS INTERMEDIATES
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 (54) CLIPS IMPLANTED IN THE HEART AND GREAT VESSELS THAT ALLOW THEIR COMPLETE OR PARTIAL REMOVAL, KITS AND METHODS TO PERFORM SUCH REMOVAL
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A61B 17/10 (2006.01)
A61B 17/122 (2006.01)
A61B 17/128 (2006.01)
A61F 2/24 (2006.01)
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 (54) SYSTEM AND PROCESS FOR DRY MAGNETIC CONCENTRATION OF FINE IRON ORE CONCENTRATES
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B03C 1/033 (2006.01)
B02C 23/14 (2006.01)
B03B 9/00 (2006.01)
B07B 11/06 (2006.01)
B22F 9/04 (2006.01)
C22B 1/14 (2006.01)
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A61K 31/5025 (2006.01)
A61P 25/00 (2006.01)
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H04W 24/02 (2009.01)
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C25B 1/04 (2021.01)
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C03C 17/34 (2006.01)
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C09K 9/02 (2006.01)
C07D 201/00 (2006.01)
C07D 417/00 (2006.01)
G02F 1/13 (2006.01)
G02F 1/1516 (2019.01)
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 (54) SYSTEM AND METHOD FOR CONTROLLING AN AUTONOMOUS VEHICLE USING A PROBABILISTIC OCCUPANCY GRID
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G05D 1/00 (2024.01)
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 (72) LINDQUIST, Per; WIRFÄLT, Petter; RINDEBERG, Magnus; LI, Chao; KAIJSER, Henrik
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C12N 5/074 (2010.01)
A61K 35/12 (2015.01)
A61K 35/17 (2015.01)
A61K 39/395 (2006.01)
C12N 5/078 (2010.01)
C07K 16/28 (2006.01)
C12N 5/10 (2006.01)
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A61K 31/085 (2006.01)
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A61P 7/04 (2006.01)
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 (51) Int. Cl.
A61K 31/085 (2006.01)
A61P 13/12 (2006.01)
A61P 39/06 (2006.01)
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 (72) WATANABE Mitsugu; CHIBA Hitoshi; KEI Shukuhei; KA Kin-you; SAKURAI Toshihiro; WATANABE Hideaki
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 (54) SUB-SURFACE PLUG RELEASE ASSEMBLY
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E21B 33/05 (2006.01)
E21B 33/14 (2006.01)
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E04G 21/32 (2006.01)
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 (43) 26.10.2023
 (72) ALEKSOVSKI, Daniel
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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A62B 1/14 (2006.01)
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A62B 35/00 (2006.01)
F16B 2/18 (2006.01)
F16G 11/00 (2006.01)
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 (54) BREAST PUMP SYSTEMS AND METHODS
 (51) Int. Cl.
A61M 1/06 (2006.01)
A61J 13/00 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2023243759 (22) 27.03.2023
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 (51) Int. Cl.
E04H 15/50 (2006.01)
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 (11) AU-A-2023245969
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B01D 71/02 (2006.01)
B01D 69/12 (2006.01)
B01D 69/14 (2006.01)
C22B 26/10 (2006.01)
C22B 26/12 (2006.01)
B01D 69/04 (2006.01)
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 (11) AU-A-2023243591
 (21) 2023243591 (22) 16.02.2023
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G06F 16/248 (2019.01)
G06F 16/28 (2019.01)
G06F 21/31 (2013.01)
G06Q 20/20 (2012.01)
G06Q 20/22 (2012.01)
H04L 9/32 (2006.01)
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 (72) HALLEY, Nicholas; VENKATRAM, Arun
 (74) FB Rice Pty Ltd
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 (21) 2023243592 (22) 17.02.2023
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G06Q 40/03 (2023.01)
G06F 16/35 (2019.01)
G06Q 10/0635 (2023.01)
G06Q 10/0639 (2023.01)
G06Q 40/02 (2023.01)
 (87) WO2023/191645
 (31) 2022900848 (32) 31.03.22 (33) AU
 (43) 05.10.2023
 (72) PERMEZEL, Donald
 (74) FB Rice Pty Ltd
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- (71) XERO LIMITED
 (11) AU-A-2023244943
 (21) 2023244943 (22) 16.02.2023
 (54) METHODS AND SYSTEMS FOR FACILITATING ASYNCHRONOUS COMMUNICATION
 (51) Int. Cl.
G06F 16/21 (2019.01)
G06F 16/84 (2019.01)
G06F 8/65 (2018.01)
G06F 8/71 (2018.01)
 (87) WO2023/191643
 (31) 2022900853 (32) 31.03.22 (33) AU
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- (43) 05.10.2023
 (72) WONG, Chris
 (74) FB Rice Pty Ltd
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- (71) XUXIN TECHNOLOGY (SHENZHEN) GROUP CO., LTD
 (11) AU-A-2023258075
 (21) 2023258075 (22) 27.03.2023
 (54) COMBINED FAN BLADE STRUCTURE AND AIR OUTLET DEVICE
 (51) Int. Cl.
F04D 29/38 (2006.01)
 (87) WO2023/202327
 (31) 202210405774.7 (32) 18.04.22 (33) CN
 (43) 26.10.2023
 (72) ZHANG, Ping; WU, Sin Hin; SUN, Xinglin; ZHOU, Huizhu; SUN, Yelin; LUO, Lanying
 (74) Flint Intellectual Property Limited
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- (71) ZIP DIAGNOSTICS PTY LTD
 (11) AU-A-2023303372
 (21) 2023303372 (22) 05.07.2023
 (54) APPARATUS AND METHOD FOR TESTING OF A BIOLOGICAL OR ENVIRONMENTAL SAMPLE
 (51) Int. Cl.
B01L 3/00 (2006.01)
B01F 33/453 (2022.01)
G01N 33/543 (2006.01)
 (87) WO2024/007056
 (31) 2022901908 (32) 07.07.22 (33) AU
 (43) 11.01.2024
 (72) HOPPER, William Robb; RICHARDS, Jonathan Scott; NGUYEN, Hanh Hong Thi
 (74) FB Rice Pty Ltd
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- (71) ZTE CORPORATION
 (11) AU-A-2023379132
 (21) 2023379132 (22) 17.02.2023
 (54) SYSTEMS AND METHODS FOR POSITIONING ENHANCEMENT OF WIRELESS DEVICES
 (51) Int. Cl.
H04W 64/00 (2009.01)
 (87) WO2024/098581
 (43) 16.05.2024
 (72) LI, Mengzhen; JIANG, Chuangxin; PAN, Yu; PENG, Focai; WANG, Cong
 (74) Spruson & Ferguson

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2022444151	KIMBERLY-CLARK WORLDWIDE, INC.	2023228681	BIO 54, LLC
2022444183	GMG OUTDOOR PRODUCTS (WUHAN) CO., LTD	2023228832	ARIES TECHNOLOGY, LLC
2022445036	FRANKIE4 IP 1 PTY LTD	2023229182	CROSSLINK THERAPEUTICS INC.
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2022450488	ECO (XIAMEN) TECHNOLOGY INC.	2023232077	NAMMI THERAPEUTICS, INC.
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		2023245801	DEERE & COMPANY
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2023242470	NETRIS PHARMA	2023246956	UNIVERSITE CATHOLIQUE DE LOUVAIN
2023242518	SEKISUI HOUSE, LTD.	2023246991	CEVA SANTE ANIMALE
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2023242723	EGRESS SOFTWARE TECHNOLOGIES IP LIMITED	2023247089	EGRESS SOFTWARE TECHNOLOGIES IP LIMITED
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2023248696	UCB BIOPHARMA SRL	2023255491	VITRO FLAT GLASS LLC
2023248734	SOLVENTUM INTELLECTUAL PROPERTIES COMPANY	2023255605	JOHNSON CONTROLS TYCO IP HOLDINGS LLP
2023248750	S.I.I.T. S.R.L. - SERVIZIO INTERNAZIONALE IMBALLAGGI TERMOSALDANTI	2023255619	CHEMOCENTRYX, INC.
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2023249688	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC EXPLORATION & PRODUCTION RESEARCH INSTITUTE	2023258994	BYD COMPANY LIMITED
2023249728	GREENORE HOLDING CO.	2023259077	BOSTON SCIENTIFIC SCIMED INC.
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2023250559	GENENTECH, INC.	2023259636	ELEVATEBIO TECHNOLOGIES, INC.
2023250651	MONSANTO TECHNOLOGY LLC	2023259716	IPSEN BIOPHARM LIMITED
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2023253605	UNIVERSITY OF CINCINNATI; UWM RESEARCH FOUNDATION, INC.	2023265236	DRÄGER SAFETY AG & CO. KGAA
2023253684	PPG ARCHITECTURAL FINISHES, INC.	2023265390	TOPSOE A/S
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		2023265806	BREVILLE PTY LIMITED
		2023265923	RAYTHEON COMPANY
		2023266408	APRIL PTY LTD
		2023266684	TOPSOE A/S
		2023267136	JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG
		2023268020	ALCON INC.
		2023268736	ALCON INC.
		2023269146	PFIZER INC.; BRISTOL-MYERS SQUIBB COMPANY
		2023269154	GENENTECH, INC.

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2023269920	UNICHARM CORPORATION
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2023272278	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
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2023273196	NOVOZYMES A/S
2023273596	RIVIT TV, INC.
2023274009	CAMBRIDGE ADVANCED HOLDINGS LTD.
2023275584	TEXTRON SYSTEMS CORPORATION
2023276472	SYNGENTA CROP PROTECTION AG
2023277214	MOHIDEEN, F.A.
2023277536	JPMORGAN CHASE BANK, N.A.
2023277994	GLACIEM COOLING TECHNOLOGIES PTY LTD
2023278141	STAEDTLER SE
2023278430	FRIESLANDCAMPINA NEDERLAND B.V.
2023279390	SOUCY INTERNATIONAL INC.
2023281173	F. HOFFMANN-LA ROCHE AG
2023285309	VIERING, JENTSCHURA & PARTNER MBB PATENT-UND RECHTSANWÄLTE
2023287508	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2023289802	BREAZ, L.D.; BREAZ, M.B.; BOB, C.
2023290641	ARCELORMITTAL
2023294550	WERNER CO.
2023296378	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023301120	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023303372	ZIP DIAGNOSTICS PTY LTD
2023308728	D & D GROUP PTY LTD
2023322214	KYRO CARD CAPITAL PTY LTD
2023337244	IDEON TECHNOLOGIES INC.
2023346866	SHOSABI Inc.
2023347076	PERFORMANCE PROCESSING PTY LTD
2023366038	INTEGRITY ENGINEERING SOLUTIONS PTY LTD
2023379132	ZTE CORPORATION
2023391354	BECHTEL ENERGY TECHNOLOGIES & SOLUTIONS, INC.
2023407186	GLOBALTECH CORPORATION PTY LTD
2023421081	MINJOE, W.
2023427320	GEA MECHANICAL EQUIPMENT ITALIA S.P.A.
2023428628	AUDIO-TECNICA CORPORATION
2024204665	KRISHNAN NAIR, H.
2024205022	KRISHNAN NAIR, H.
2024205685	SHANGHAI, TIANDI MINING EQUIPMENT TECHNOLOGY CO., LTD

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2023242003		<u>A47O 5 /-</u>	<u>A61D 19 /-</u>	2023270710	2023270710
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2023230479	2023260833		2023227443	2023244571	<u>A62B 7 /-</u>
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2023239442	<u>A61K 9 /-</u>	2023240012	2023238308	2023247081	
2023240073		2023247081		2023248361	<u>A62B 9 /-</u>
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2023245323	2023227538		2023228405		<u>A62C 2 /-</u>
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2023252927	2023244571	2023236233	2023247720	<u>A61P 43 /-</u>	2023232804
2023253710	2023245329	2023242218	2023249240		
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2023269613	2023250792	2023246948	2023269613	2023281173	2023236448
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	2023269613	<u>A61P 17 /-</u>	2023242003	2023233349	<u>A63F 13 /-</u>
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2023267136		2023237900	2022442922	2023227214	2023227593
2023269154	<u>A61L 27 /-</u>	2023239595	2022445072	2023250945	
2023281173		2023245329	2022450448		<u>A63F 7 /-</u>
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2023227538	2023252929	2023260833	2023229992	2023240415	2023250792
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				2023241175	
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		2023227331			
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2023245889	<u>C07C 221 /-</u>	2023237545 2023246242 2023261999	2023239988 2023241042 2023250443	2023231410 2023236382 2023237757 2023238308	<u>C08F 265 /-</u>
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2023237545	<u>C07C 225 /-</u>	2023246242	2023221924 2023239344 2023239988 2023243018 2023255491	2023246944 2023246956 2023251034 2023259636 2023262229 2023272470	<u>C08F 6 /-</u>
<u>C02F 1 /-</u>	2023228246	<u>C07D 221 /-</u>	<u>C07D 471 /-</u>	2023240411 2023240415	2023242690
2023236901 2023244690	2023237545 2023246631	2023249240	2023229992 2023238121 2023241042 2023257901 2023263382	2023240411 2023246944 2023246956 2023251034 2023259636 2023262229 2023272470	<u>C08G 18 /-</u>
<u>C02F 101 /-</u>	<u>C07C 229 /-</u>	<u>C07D 233 /-</u>	2023237545	<u>C07K 16 /-</u>	2023243139
2023236901	2023225913 2023246242 2023246631	2023237545	<u>C07D 237 /-</u>	2022450448 2023223413 2023227214 2023229884 2023230479 2023236386 2023237757 2023240232 2023242470 2023245323 2023246439 2023247720 2023248696 2023251034 2023251091 2023251209 2023252927 2023253710 2023254846 2023257580 2023269146 2023281173	2023274009
2023226614	<u>C07C 231 /-</u>	2023242003	<u>C07D 239 /-</u>	2022450448 2023223413 2023227214 2023229884 2023230479 2023236386 2023237757 2023240232 2023242470 2023245323 2023246439 2023247720 2023248696 2023251034 2023251091 2023251209 2023252927 2023253710 2023254846 2023257580 2023269146 2023281173	<u>C08J 11 /-</u>
<u>C02F 3 /-</u>	2023246631	<u>C07D 239 /-</u>	202325619	2022450448 2023223413 2023227214 2023229884 2023230479 2023236386 2023237757 2023240232 2023242470 2023245323 2023246439 2023247720 2023248696 2023251034 2023251091 2023251209 2023252927 2023253710 2023254846 2023257580 2023269146 2023281173	2023243139
2023236901	<u>C07C 237 /-</u>	202325619	<u>C07D 491 /-</u>	2023240232 2023242470 2023245323 2023246439 2023247720 2023248696 2023251034 2023251091 2023251209 2023252927 2023253710 2023254846 2023257580 2023269146 2023281173	<u>C08K 3 /-</u>
<u>C03C 17 /-</u>	2023246631	<u>C07D 243 /-</u>	2023221924 2023229992 2023236233 2023241042	2023245323 2023246439 2023247720 2023248696 2023251034 2023251091 2023251209 2023252927 2023253710 2023254846 2023257580 2023269146 2023281173	2023228532 2023241202
2023245446	<u>C07C 253 /-</u>	2023253605	<u>C07D 277 /-</u>	2023251034 2023251091 2023251209 2023252927 2023253710 2023254846 2023257580 2023269146 2023281173	<u>C08L 1 /-</u>
<u>C04B 111 /-</u>	2023228246	<u>C07D 277 /-</u>	2023243018	2023251091 2023251209 2023252927 2023253710 2023254846 2023257580 2023269146 2023281173	2023278141
2023240204	<u>C07C 271 /-</u>	<u>C07D 307 /-</u>	2023221924 2023228246 2023246242	2023251209 2023252927 2023253710 2023254846 2023257580 2023269146 2023281173	<u>C08L 33 /-</u>
<u>C04B 24 /-</u>	2023225913	2023221924 2023228246 2023246242	<u>C07D 513 /-</u>	2023254846 2023257580 2023269146 2023281173	2023259601
2023244483	<u>C07C 277 /-</u>	2023221924 2023228246 2023246242	2023249146 2023250874	<u>C07K 17 /-</u>	<u>C08L 67 /-</u>
<u>C04B 26 /-</u>	2023237545	<u>C07D 311 /-</u>	<u>C07D 519 /-</u>	2023243323	2023278141
2023240204	<u>C07C 279 /-</u>	2023247211	2023241055	<u>C07K 19 /-</u>	<u>C08L 79 /-</u>
<u>C04B 28 /-</u>	2023237545	<u>C07D 401 /-</u>	2023221924 2023241042 2023242003 2023248361 2023257901 2023263382	2023246439	2023259601
2023244483	<u>C07C 29 /-</u>	2023221924 2023241042 2023242003 2023248361 2023257901 2023263382	<u>C07H 15 /-</u>	2023246439	<u>C08L 97 /-</u>
<u>C04B 38 /-</u>	2023249312 2023266684 2023391354	2023221924 2023241042 2023242003 2023248361 2023257901 2023263382	2023228405	<u>C07K 5 /-</u>	2023259601 2023278141
2023242330	<u>C07C 31 /-</u>	2023221924 2023241042 2023242003 2023248361 2023257901 2023263382	<u>C07J 31 /-</u>	2023234752	<u>C09D 11 /-</u>
<u>C04B 5 /-</u>	2023249312 2023391354	2023221924 2023241042 2023242003 2023248361 2023257901 2023263382	2023257308	<u>C07K 7 /-</u>	2023228532
2023255849				2022448084	

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<u>C09D 129 /-</u>	<u>C12N 15 /-</u>	<u>C12Q 1 /-</u>	<u>C23C 18 /-</u>	<u>E04C 3 /-</u>	<u>E21B 47 /-</u>
2023228532	2023227443	2023234529	2023253098	2023244113	2023407186
<u>C09D 133 /-</u>	2023227903	2023236596			
	2023231410	2023240345	<u>C25B 1 /-</u>	<u>E04F 11 /-</u>	<u>E21B 7 /-</u>
2023242255	2023234604	2023240410	2023242330	2023247265	2022449336
	2023236382	2023241895	2023266684		2023277214
<u>C09D 5 /-</u>	2023236935	2023243976	2023285309	<u>E04F 13 /-</u>	
	2023237228	2023250850			<u>E21C 31 /-</u>
2023241577	2023238223	2023259352	<u>C25B 11 /-</u>	2023250249	2024205685
	2023239442	2023260774			
<u>C09D 7 /-</u>	2023240410	2023264238	2022448328	<u>E04G 21 /-</u>	
	2023240411	2023269214	2023242330		<u>E21C 41 /-</u>
2023228532	2023244348			2023233877	
	2023245480	<u>C12R 1 /-</u>	<u>C25B 15 /-</u>	2023257371	2023337244
<u>C09J 133 /-</u>	2023246439	2023236935	2023242395	<u>E04H 15 /-</u>	<u>E21D 11 /-</u>
	2023246643				
2023242255	2023246860	<u>C21B 11 /-</u>	<u>C25B 9 /-</u>	2023243759	2023233877
2023259601	2023247720	2023255849	2023242330	<u>E04H 4 /-</u>	<u>E21F 17 /-</u>
	2023250651		2023285309		
<u>C09J 179 /-</u>	2023252508	<u>C21B 13 /-</u>	<u>C25D 17 /-</u>	2023226614	2023233877
	2023252927	2023254746			
2023259601	2023253710	2023254846	<u>D21B 1 /-</u>	2023308728	<u>F01K 13 /-</u>
	2023254746	2023255849			
<u>C09J 197 /-</u>	2023254846		2022448328	<u>E05B 15 /-</u>	<u>F01K 25 /-</u>
	2023259351	<u>C21B 3 /-</u>			
2023259601	2023259636	2023255849	<u>D21D 1 /-</u>	<u>E05B 47 /-</u>	<u>F01K 25 /-</u>
	2023265665		2023233893		
<u>C09K 17 /-</u>	2023269281	<u>C21C 7 /-</u>		2023308728	2023243035
	2023272470	2023255849	<u>D21D 1 /-</u>	<u>E05B 55 /-</u>	<u>F01K 9 /-</u>
2023244483			2023233893		
<u>C09K 9 /-</u>	<u>C12N 5 /-</u>	<u>C22B 1 /-</u>	<u>D21F 1 /-</u>	2023308728	2023243035
	2023230479	2022450748		<u>E05B 65 /-</u>	<u>F01N 3 /-</u>
2023255491	2023234604	2023249728	<u>D21H 17 /-</u>	2023308728	2023245019
	2023241719	2023290641			
<u>C10B 53 /-</u>	2023244355	2023347076	<u>D21H 21 /-</u>	<u>E05C 1 /-</u>	<u>F02C 7 /-</u>
	2023245323		2023259601		
2023290641	2023246439	<u>C22B 26 /-</u>		2023308728	2023240114
	2023247720	2023242453	<u>D21H 21 /-</u>	<u>E05C 19 /-</u>	<u>F02C 9 /-</u>
<u>C10C 1 /-</u>	2023250850	2023244463			
	2023254846	2023245969	<u>E02B 17 /-</u>	2023308728	2023240114
2023244690	2023276472	2023246557			
		2023246893	<u>E02D 17 /-</u>	<u>E21B 15 /-</u>	<u>F03B 17 /-</u>
<u>C10L 5 /-</u>	<u>C12N 7 /-</u>	2023347076			
	2023254746	<u>C22B 3 /-</u>	2023246540	2023277214	2023249017
2023290641		2023246671			2023250179
			<u>E03D 1 /-</u>	<u>E21B 17 /-</u>	<u>F03D 13 /-</u>
<u>C10L 8 /-</u>	<u>C12N 9 /-</u>	<u>C22B 4 /-</u>	2022450488	2023254781	
	2023236935	2023347076			
2023246883	2023240411	<u>C22B 59 /-</u>	<u>E03D 3 /-</u>	<u>E21B 19 /-</u>	<u>F03D 80 /-</u>
	2023246643	2023245889			
<u>C11B 7 /-</u>	2023246860	<u>C22B 3 /-</u>	<u>E04B 1 /-</u>	<u>E21B 25 /-</u>	2023246540
	2023250651	2023242453			2023246671
2023278430	2023252508	2023244463	<u>E04B 2 /-</u>	2023407186	
	2023272470	2023246557			<u>F04B 19 /-</u>
<u>C11D 1 /-</u>		2023246893	<u>E03D 1 /-</u>	2023277214	2023249017
					2023250179
2023228038	<u>C12P 19 /-</u>	<u>C22B 7 /-</u>	2022450488	<u>E21B 3 /-</u>	<u>F04B 41 /-</u>
	2023236935	2023244113			
<u>C11D 11 /-</u>			<u>E04B 1 /-</u>	<u>E21B 33 /-</u>	<u>F04B 41 /-</u>
	<u>C12P 21 /-</u>	<u>C22B 7 /-</u>			
2023228038	2023247720	2023244113	<u>E04B 2 /-</u>	2023277214	2023249017
	2023252927				2023250179
<u>C11D 3 /-</u>	<u>C12P 7 /-</u>	2023242453		<u>E21B 33 /-</u>	<u>F04B 41 /-</u>
	2023227903	2023244463	2023250249		
2023228038	2023273196	2023245889	2023289802	2023254781	2023239656
		2023246557		2023287508	
<u>C12N 1 /-</u>		2023246893			<u>F04D 17 /-</u>
2023233349		2023249728			
2023236935					2023239656
2023247720					

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2023243331		<u>F25B 41 /-</u>	<u>G01C 7 /-</u>	<u>G01R 15 /-</u>	<u>G06F 30 /-</u>
<u>F04D 19 /-</u>	<u>F21V 21 /-</u>	2023277994	2023337244	2023366038	2023244547
2023239656	2023247265				
		<u>F25B 47 /-</u>	<u>G01D 5 /-</u>	<u>G01R 27 /-</u>	<u>G06F 8 /-</u>
<u>F04D 25 /-</u>	<u>F21V 23 /-</u>	2023277994	2023250422	2023366038	2023244943
2023239656	2023428628				
		<u>F25B 9 /-</u>	<u>G01M 13 /-</u>	<u>G01R 31 /-</u>	<u>G06K 7 /-</u>
<u>F04D 29 /-</u>	<u>F21V 31 /-</u>	2023277994	2024205685	2023239074	2022452474
2023239656	2023247265			2023366038	
2023243331		<u>F25D 31 /-</u>	<u>G01M 3 /-</u>		<u>G06N 20 /-</u>
2023258075	<u>F21V 33 /-</u>	2023234719	2023252689	<u>G01S 13 /-</u>	2023233605
	2023247265			2023249670	
	2023261375	<u>F25J 1 /-</u>	<u>G01N 1 /-</u>		<u>G06N 3 /-</u>
<u>F04F 5 /-</u>				<u>G01S 5 /-</u>	
2023244494	<u>F21V 7 /-</u>	2022443216	2023266408	2022452474	2023226004
					2023233605
<u>F15B 20 /-</u>	2023238636	<u>F26B 21 /-</u>	<u>G01N 11 /-</u>	<u>G01V 5 /-</u>	2023236283
2022474426	<u>F21V 8 /-</u>	2023266408	2023266408	2023255226	<u>G06Q 10 /-</u>
<u>F16B 19 /-</u>	2023247265	<u>F26B 25 /-</u>	<u>G01N 15 /-</u>		2022452474
2023241218	<u>F21V 9 /-</u>	2023247356	2023266408	<u>G02B 21 /-</u>	2023224524
				2023234434	2023243592
<u>F16B 2 /-</u>	2023428628	<u>F26B 3 /-</u>	<u>G01N 17 /-</u>		2023249045
2023294550	<u>F22B 1 /-</u>	2023266408	2023366038	<u>G02B 23 /-</u>	<u>G06Q 20 /-</u>
				2023225023	
<u>F16G 11 /-</u>	2023243035	<u>F26B 5 /-</u>	<u>G01N 21 /-</u>		2023237515
2023294550	<u>F24C 15 /-</u>	2023224412	2023246755	<u>G02B 27 /-</u>	2023240236
				2023238636	2023240440
<u>F16K 1 /-</u>	2023265806	<u>F27B 7 /-</u>	<u>G01N 23 /-</u>	2023254429	2023243591
2023244470	<u>F24F 1 /-</u>	2023347076	2023248754	<u>G02B 3 /-</u>	2023322214
					<u>G06Q 30 /-</u>
<u>F16K 25 /-</u>	2023277994	<u>F27D 11 /-</u>	<u>G01N 25 /-</u>	2023254429	2022451247
2023243582	<u>F24F 11 /-</u>	2023347076	2023233877	<u>G02B 7 /-</u>	2023273596
					2023322214
<u>F16K 27 /-</u>	2023261375	<u>F41A 23 /-</u>	<u>G01N 27 /-</u>	2023234434	<u>G06Q 40 /-</u>
2023243582	2023277994	2023241264	2023239178	<u>G02F 1 /-</u>	2023240236
2023244470	<u>F24F 13 /-</u>	<u>F41A 27 /-</u>	2023265236		2023243592
			2023366038	2023255491	2023277536
<u>F16L 29 /-</u>	2023261375				
2022448628	<u>F24F 140 /-</u>	2023241264	<u>G01N 33 /-</u>	<u>G03B 29 /-</u>	<u>G06Q 50 /-</u>
				2023225023	2023224524
<u>F16L 3 /-</u>	2023277994	<u>F41B 11 /-</u>	2023233877		2023233877
2023241218	<u>F24S 25 /-</u>	2023256623	2023246755	<u>G05D 1 /-</u>	2023249045
			2023247720		
<u>F16L 55 /-</u>	2023220148	<u>F41B 7 /-</u>	2023248754	2022453431	<u>G06T 11 /-</u>
2023253684	2023249253	2023256623	2023257580	2023226614	2023346866
			2023260774	2023275584	
<u>F21S 8 /-</u>	<u>F24S 60 /-</u>	<u>F41G 1 /-</u>	2023264238	<u>G06F 111 /-</u>	<u>G06T 15 /-</u>
2023247265	2022458270	2023225023	2023303372	2023244547	2023252765
<u>F21V 15 /-</u>	<u>F24S 80 /-</u>	<u>F41G 11 /-</u>	<u>G01N 7 /-</u>	<u>G06F 16 /-</u>	<u>G06T 17 /-</u>
2023247265	2022458270	2023225023	2023249688	2023243591	2023236283
				2023243592	
<u>F21V 17 /-</u>	<u>F25B 21 /-</u>	<u>G01B 21 /-</u>	<u>G01P 3 /-</u>	2023244943	<u>G06T 7 /-</u>
2023247265	2022408107	2024205685	2023250422		
				<u>G06F 21 /-</u>	2023236283
<u>F21V 19 /-</u>	<u>F25B 29 /-</u>	<u>G01B 7 /-</u>	<u>G01P 5 /-</u>	2023243591	2023346866
2023247265	2023277994	2023366038	2023252689	2023254131	
					<u>G07F 17 /-</u>
2023247265					2022454128

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<u>G08B 17 /-</u>	2023227593	2023258987	2023220148	2022460079
2023240432	<u>G16H 20 /-</u>	2023258994	<u>H04B 11 /-</u>	2023230347
<u>G08B 19 /-</u>	2023226004	2023261390		
2023243109	2023227593	<u>H01M 8 /-</u>	2023226614	<u>H04W 64 /-</u>
<u>G08B 21 /-</u>	<u>G16H 30 /-</u>	2023237342	<u>H04B 17 /-</u>	2023379132
2023248353	2023226004	2023239656	2023265923	<u>H04W 68 /-</u>
<u>G08B 25 /-</u>	<u>G16H 40 /-</u>	2023242518	<u>H01Q 1 /-</u>	2022479187
2023243109	2023227593	<u>H01Q 1 /-</u>	<u>H04B 7 /-</u>	<u>H04W 72 /-</u>
2023248353	2023245451	2023265923	2022479187	
<u>G08B 29 /-</u>	2023248936	<u>H01R 13 /-</u>	<u>H04L 5 /-</u>	2023247848
2023243109	<u>G16H 50 /-</u>	2023240432	2023245339	<u>H04W 76 /-</u>
2023255605	2023227593	2023254781	<u>H04L 51 /-</u>	2022445583
<u>G08C 17 /-</u>	2023243976	<u>H02G 3 /-</u>	2023247058	2022479187
2023233877	2023248936	2023241218	2023247089	<u>H04W 84 /-</u>
<u>G08C 23 /-</u>	<u>H01B 3 /-</u>	<u>H02J 1 /-</u>	<u>H04L 61 /-</u>	2022445583
2023226614	2023241820	2023259558	2023237515	2023247144
<u>G08G 1 /-</u>	<u>H01B 7 /-</u>	<u>H02J 3 /-</u>	<u>H04L 9 /-</u>	<u>H04W 88 /-</u>
2023242305	2023241820	2022460079	2023236800	2023242305
<u>G09B 1 /-</u>	2023366038	2023242518	2023237515	
2023227593	<u>H01F 29 /-</u>	<u>H02J 50 /-</u>	2023240236	<u>H05B 1 /-</u>
<u>G09B 19 /-</u>	2023262463	2023233662	2023242723	2023265806
2023227593	<u>H01F 3 /-</u>	2023243297	2023243591	<u>H05B 6 /-</u>
2023227593	2023243297	2023428628	2023244555	2023232804
<u>G09B 5 /-</u>	<u>H01F 38 /-</u>	<u>H02J 7 /-</u>	2023247058	
2023227593	2023243297	2023239074	2023247089	<u>H05K 5 /-</u>
<u>G09G 3 /-</u>	<u>H01L 21 /-</u>	2023242518	2023254131	2023261805
2023428628	2023243297	2023259558	<u>H04N 21 /-</u>	
<u>G10L 21 /-</u>	<u>H01L 29 /-</u>	2023428628	<u>H04R 1 /-</u>	
2023234658	2023242796	<u>H02J 9 /-</u>	2023428628	
<u>G16B 15 /-</u>	<u>H01M 10 /-</u>	2023242518	<u>H04S 7 /-</u>	
2023254420	2023242796	<u>H02M 1 /-</u>	2023234658	
<u>G16B 20 /-</u>	2023242453	2023259558	<u>H04W 12 /-</u>	
2023234529	2023244463	<u>H02M 3 /-</u>	2023236800	
2023250850	2023246557	2023259558	2023247058	
<u>G16B 30 /-</u>	2023246893	<u>H02P 13 /-</u>	2023254131	
2023240410	2023258994	<u>H02S 10 /-</u>	<u>H04W 24 /-</u>	
<u>G16B 40 /-</u>	2023261390	2023242518	2022445583	
2023234529	<u>H01M 4 /-</u>	<u>H02S 20 /-</u>	2023233631	
2023236596	2022448328	2023220148	2023234397	
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 G06T 7/70 (2017.01)
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A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
A61P 27/00 (2006.01)
A61P 35/00 (2006.01)
C07D 213/71 (2006.01)
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G06F 40/114 (2020.01)
G06F 40/14 (2020.01)
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A61B 50/13 (2016.01)
H01M 50/249 (2021.01)
H01R 13/42 (2006.01)
H02J 7/00 (2006.01)
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H04N 7/00 (2011.01)
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C08G 18/64 (2006.01)
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B61C 17/06 (2006.01)
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C01G 23/04 (2006.01)
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B28C 5/38 (2006.01)
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G06N 10/60 (2022.01)
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
G06N 10/20 (2022.01)
G06N 10/70 (2022.01)
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E04G 5/04 (2006.01)
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G01R 31/367 (2019.01)
G01R 31/36 (2019.01)
H01M 10/42 (2006.01)
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H02J 7/00 (2006.01)
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A61K 6/853 (2020.01)
A61L 27/10 (2006.01)
C04B 35/01 (2006.01)
C04B 35/14 (2006.01)
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C12Q 1/6883 (2018.01)
A23K 10/30 (2016.01)
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B60T 7/16 (2006.01)
E21C 47/00 (2006.01)
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G01R 31/3835 (2019.01)
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H01M 10/48 (2006.01)
H02J 7/00 (2006.01)
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A61K 31/4155 (2006.01)
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A61P 3/10 (2006.01)
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A61K 31/437 (2006.01)
A61K 31/4439 (2006.01)
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H04W 24/02 (2009.01)
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H04N 19/50 (2014.01)
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C07K 16/28 (2006.01)
A61K 38/00 (2006.01)
C07K 14/54 (2006.01)
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C12N 7/00 (2006.01)
A61K 48/00 (2006.01)
C07K 14/015 (2006.01)
C12N 15/864 (2006.01)
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A61K 31/44 (2006.01)
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 (54) DELIVERY DEVICE FOR IMPLANTING KNOTLESS MICRO-SUTURE ANCHORS AND ANCHOR ARRAYS FOR ATTACHMENT OF SOFT TISSUE TO BONE
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A61B 17/04 (2006.01)
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G06N 20/00 (2019.01)
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G06F 40/295 (2020.01)
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G06N 20/00 (2019.01)
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B66B 23/00 (2006.01)
B66B 31/00 (2006.01)
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B66B 31/02 (2006.01)
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H04N 21/2668 (2011.01)
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F28C 1/14 (2006.01)
F24F 3/14 (2006.01)
F24F 5/00 (2006.01)
F28D 1/02 (2006.01)
F28D 1/04 (2006.01)
F28D 5/00 (2006.01)
F28F 25/04 (2006.01)
F28F 25/06 (2006.01)
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H01L 31/05 (2014.01)
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H02S 40/34 (2014.01)
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A61K 8/97 (2017.01)
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C12N 15/00 (2006.01)
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C10G 3/00 (2006.01)
B01J 27/00 (2006.01)
B01J 32/00 (2006.01)
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A61K 35/74 (2015.01)
A23L 33/135 (2016.01)
A61P 1/16 (2006.01)
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B60Q 1/38 (2006.01)
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E02F 9/20 (2006.01)
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B66C 6/00 (2006.01)
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E02B 17/00 (2006.01)
F21K 9/64 (2016.01)
F21V 9/30 (2018.01)
F21V 9/32 (2018.01)
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G01N 1/02 (2006.01)
G01N 1/22 (2006.01)
G01N 1/10 (2006.01)
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A01B 21/08 (2006.01)
A01B 23/06 (2006.01)
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A61F 2/44 (2006.01)
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G01N 25/18 (2006.01)
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B05B 3/02 (2006.01)
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H01J 49/04 (2006.01)
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G06F 18/214 (2023.01)
G06N 3/08 (2023.01)

G06Q 10/0835 (2023.01)
G06V 10/44 (2022.01)
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D06F 58/12 (2006.01)
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B23K 26/142 (2014.01)
B08B 7/00 (2006.01)
B23K 26/082 (2014.01)
G02B 7/00 (2006.01)
G06F 30/10 (2020.01)
G06F 113/28 (2020.01)
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G05D 1/00 (2006.01)
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C07C 55/14 (2006.01)
C07C 61/06 (2006.01)
C07D 231/38 (2006.01)

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 projector
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G02B 27/01 (2006.01)
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A61L 27/38 (2006.01)
A61L 27/50 (2006.01)

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B33Y 70/00 (2020.01)
B33Y 80/00 (2015.01)
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A61P 31/14 (2006.01)
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F01D 25/28 (2006.01)
F02C 7/20 (2006.01)
F16M 1/00 (2006.01)
F16M 7/00 (2006.01)
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F02C 3/34 (2006.01)
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A61K 31/454 (2006.01)
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C07D 403/10 (2006.01)
C07D 403/12 (2006.01)
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C22C 38/58 (2006.01)
C21D 8/00 (2006.01)
C22C 38/42 (2006.01)
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 A61P 31/12 (2006.01)
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 H04B 1/403 (2015.01)
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 H01Q 3/34 (2006.01)
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 A61K 39/395 (2006.01)
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C12N 15/85 (2006.01)
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H01J 49/00 (2006.01)
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A61P 35/00 (2006.01)
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E02F 7/00 (2006.01)
E04G 21/04 (2006.01)
E21F 13/08 (2006.01)
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B01D 46/00 (2022.01)
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B01J 23/22 (2006.01)
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A61F 2/958 (2013.01)
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 (74) Spruson & Ferguson
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- (71) WONDERLAND SWITZERLAND AG
 (11) AU-B-2022216856
 (21) 2022216856 (22) 08.02.2022
 (54) TRANSPORTATION DEVICE
 (51) Int. Cl.
 B62B 7/08 (2006.01)
 B62B 9/10 (2006.01)
- (87) WO2022/167687
 (31) 202110171105.3 (32) 08.02.21 (33) CN
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 (72) ZHONG, Zhiren
 (74) Griffith Hack
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- (71) Woodwelding AG
 (11) AU-B-2019217566
 (21) 2019217566 (22) 06.02.2019
 (54) System of sonotrode and guide shaft
 (51) Int. Cl.
 A61B 17/70 (2006.01)
 A61B 17/00 (2006.01)
 A61B 17/88 (2006.01)
 A61B 17/22 (2006.01)
 A61B 17/32 (2006.01)
 A61B 17/86 (2006.01)
 A61F 2/46 (2006.01)
- (87) WO2019/154833
 (31) 00150/18 (32) 08.02.18 (33) CH
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 (72) MÜLLER, Andrea; SCHWERY, André
 (74) Griffith Hack
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- (71) XINTHERA, INC.
 (11) AU-B-2022356286
 (21) 2022356286 (22) 30.09.2022
 (54) AZETIDINE AND PYRROLIDINE PARP1 INHIBITORS AND USES THEREOF
 (51) Int. Cl.
 A61K 31/4375 (2006.01)
 A61K 31/444 (2006.01)
 A61K 31/498 (2006.01)
 A61K 31/4985 (2006.01)
 A61P 35/00 (2006.01)
 C07D 401/14 (2006.01)
 C07D 471/04 (2006.01)
 C07D 487/04 (2006.01)
 C07D 491/048 (2006.01)
 C07D 491/147 (2006.01)
 C07D 519/00 (2006.01)
- (87) WO2023/056039
 (31) 63/251,469 (32) 01.10.21 (33) US
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 (72) HOFFMAN, Robert L.; DONG, Qing; KALDOR, Stephen W.; TRZOSS, Lynnie; VA, Porino Jinjo
 (74) FPA Patent Attorneys Pty Ltd
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- (71) XINTHERA, INC.
 (11) AU-B-2023209820
 (21) 2023209820 (22) 20.01.2023
 (54) PARP1 INHIBITORS AND USES THEREOF
 (51) Int. Cl.
 C07D 471/04 (2006.01)
 A61K 31/496 (2006.01)
 A61K 31/498 (2006.01)
 A61P 35/00 (2006.01)
 C07D 401/12 (2006.01)
- (87) WO2023/141290
 (31) 63/301,907 (32) 21.01.22 (33) US
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- (43) 27.07.2023
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 (72) HOFFMAN, Robert L.; VA, Porino Jinjo; PINCHMAN, Joseph Robert; TRZOSS, Lynnie; DONG, Qing; KALDOR, Stephen W.
 (74) FPA Patent Attorneys Pty Ltd
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- Xuzhou University of Technology see China University of Mining and Technology**
 (21) 2021373599
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- (71) Yunnan Traffic Planning Design Research Institute Co. , Ltd.
 (11) AU-B-2021431740
 (21) 2021431740 (22) 20.08.2021
 (54) Assembled field test device and method for testing load-bearing capacity and friction force of foundation

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E02D 33/00 (2006.01)
- (87) WO2022/222331
- (31) 202110426911.0 (32) 20.04.21 (33) CN
- (43) 03.11.2022
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- (72) CHEN, He; LI, Guo; MA, Li; FANG, Rui; HU, Cheng Yu; LI, Chunxiao; YE, Xi-an; YU, Xianggui; ZHAO, Xin; YIN, Hao; PAN, Junliang; ZHAN, Yue
- (74) WRAYS PTY LTD

- (44) 10.10.2024
- (72) HE, Zhen; ZHANG, Shujuan; CHEN, Yijian; LU, Zhaohua; YE, Xinquan; XIA, Shuqiang
- (74) Spruson & Ferguson

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- (71) ZERICA S.r.l.
- (11) AU-B-2018392222
- (21) 2018392222 (22) 20.12.2018
- (54) Apparatus for preparing and dispensing a diluted beverage
- (51) Int. Cl.
B67D 1/00 (2006.01)
B67D 1/12 (2006.01)
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B67D 1/14 (2006.01)
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- (31) 102017000149066 (32) 22.12.17 (33) IT
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- (72) ZERILLI, Marco
- (74) WRAYS PTY LTD

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- (71) Zhaotai Immugene Biomedicine (Hong Kong) Limited
- (11) AU-B-2020359872
- (21) 2020359872 (22) 27.09.2020
- (54) Engineered human immune cells, preparation method and application thereof
- (51) Int. Cl.
C12N 5/10 (2006.01)
A61K 35/17 (2015.01)
A61P 31/00 (2006.01)
A61P 31/18 (2006.01)
A61P 35/00 (2006.01)
C12N 15/90 (2006.01)
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- (31) 201910945529.3 (32) 30.09.19 (33) CN
- (43) 08.04.2021
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- (74) GLMR

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- Zhejiang Jinko Solar Co., Ltd. see Jinko Solar (Haining) Co., Ltd.
- (21) 2023285923

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- (71) ZTE CORPORATION
- (11) AU-B-2021426916
- (21) 2021426916 (22) 09.02.2021
- (54) SYSTEMS AND METHODS FOR REPORTING CHANNEL STATE INFORMATION
- (51) Int. Cl.
H04W 24/10 (2009.01)
- (87) WO2022/170447
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2017312785	Regeneron Pharmaceuticals, Inc.	2018410663	Electrolux do Brasil S.A.
2017313632	Joint Stock Company "BIOCAD"	2018410666	Electrolux do Brasil S.A.
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2017330411	University Of Massachusetts	2018433607	Razer (Asia-Pacific) Pte. Ltd.
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2018202851	Caterpillar Underground Mining Pty Ltd	2019202889	TNA Australia Pty Limited
2018204732	Deere & Company	2019206012	Hill & Smith Limited
2018209227	Bactaviva AB	2019206506	Premier Specialty Brands, LLC D/B/A/ Kamado Joe Company
2018211243	Trojan Oils Asset Holdings Pty Ltd	2019208250	Aurora Flight Sciences Corporation
2018214022	nbn co limited	2019210176	Nanotech Security Corp.
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2018226392	Illinois Tool Works Inc.	2019212626	MAKO Surgical Corp.
2018227807	Seagen Inc.	2019217566	Woodwelding AG
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2018275267	Shackelton, L.; Kerner, M.	2019231259	Walker Digital Table Systems, LLC
2018280856	AvenCell Europe GmbH	2019232875	Garino, J.
2018282865	BostonGene Corporation	2019232940	Sercel
2018291128	TeneoBio, Inc.; The United States of America, as represented by the Secretary, Department of Health and Human Services	2019235526	Technip France
2018293389	Etablissement Francais du Sang; INSERM (Institut National de la Santé et de la Recherche Médicale); Sorbonne Université; Université Paris-Est-Créteil Val de Marne	2019235586	RAI Strategic Holdings, Inc.
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2018349196	Pennsutt Limited	2019249890	Inserm (Institut national de la santé et de la recherche médicale); Université D'evry Val D'essonne; Sorbonne Université; Association Institut De Myologie; Genethon
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2018397349	Ecologia Y Proteccion Agricola, S.L.	2019278018	Hua Medicine (Shanghai) Ltd.
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2019287468	The University of North Carolina at Chapel Hill	2020267382	Children's Hospital Medical Center
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2019303851	Hydac Technology GmbH	2020344961	Physiol SA; Consejo Superior de Investigaciones Cientificas (CSIC)
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2019310191	14975162 CANADA INC.	2020352824	Raytheon Company
2019312212	Mayo Foundation for Medical Education and Research	2020359872	Zhaotai Immugene Biomedicine (Hong Kong) Limited
2019314468	Lung Biotechnology PBC	2020364192	Anatara Lifesciences Limited
2019318439	Underground Extraction Technologies Pty Ltd	2020366222	National Health Research Institutes
2019320080	Leidos Security Detection & Automation, Inc.	2020370142	ConocoPhillips Company
2019321847	Chr. Hansen A/S	2020376953	Sandbox Enterprises, LLC
2019323687	Gawryck, H.	2020381702	Beijing Yishi Biotech Co., Ltd.
2019324133	Weatherford Technology Holdings, LLC	2020383878	Beijing Yishi Biotech Co., Ltd.
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2019328290	ImmunityBio, Inc.	2020400417	Lumus Ltd.
2019330032	Climate LLC	2020403913	F. HOFFMANN-LA ROCHE AG
2019335421	Megawall Australia Pty Ltd	2020430781	Jiangsu Goldwind Science & Technology Co., Ltd.
2019336268	Rain Harvesting Pty Ltd	2020462696	Telefonaktiebolaget LM Ericsson (publ)
2019337583	EFFECT Photonics B.V.	2021202874	Merus N.V.
2019338944	Vertical Power Mills Technology AG	2021203100	Regeneron Pharmaceuticals, Inc.
2019341733	Senecio Ltd.	2021203599	FUNDACIO INSTITUT DE RECERCA BIOMEDICA (IRB BARCELONA); INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS
2019342706	CHRYSALABS INC.	2021205836	Control Components, Inc.
2019351481	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2021214437	Kyocera Corporation; Saga University
2019352616	Amgen Inc.	2021216590	Spark Thermionics, Inc.
2019357605	DSM IP Assets B.V.	2021222857	Cj Cheiljedang Corporation
2019358227	Jaeggi Hybridtechnologie Ag	2021223184	Pfizer Inc.
2019363179	Alcon Inc.	2021224434	AceBiome Inc.
2019364601	I4F Licensing NV	2021225792	Eli Lilly and Company
2019364677	Amadeite	2021236089	Nuo-Beta Pharmaceutical Technology (Shanghai) Co., Ltd.; The First Affiliated Hospital, Zhejiang University School of Medicine
2019369173	Universitat Politècnica de València; Consejo Superior de Investigaciones Cientificas (CSIC)	2021242899	Komatsu Ltd.
2019373306	Boehringer Ingelheim International GmbH	2021247882	ENEOS Corporation
2019376595	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2021250963	Sentek Pty Ltd
2019376907	Galmed Research and Development Ltd.	2021253751	C2Dx, Inc.
2019383960	Global Blood Therapeutics, Inc.	2021255595	The Gillette Company LLC
2019386717	Elbit Systems of America, LLC	2021257863	The Gillette Company LLC
2019388458	Grey, J.A.	2021258116	The Procter & Gamble Company
2019390319	PepsiCo, Inc.	2021265861	Clinical Genomics Pty Ltd; Commonwealth Scientific and Industrial Research Organisation
2019392497	Nagravision S.A.	2021266476	Prilenia Neurotherapeutics Ltd.
2019395666	Tradestar Corporation	2021266568	Inventio AG
2019396129	NewSouth Innovations Pty Limited	2021267483	Howmedica Osteonics Corp.,
2019396499	Boehringer Ingelheim International GmbH; Hydra Biosciences, LLC	2021277772	Capsa Solutions LLC
2019400972	Janssen Pharmaceuticals, Inc.	2021280384	Sony Interactive Entertainment Inc.
2019404053	Burndy, LLC	2021285039	Inventio AG
2019405961	Vir Biotechnology, Inc.; Humabs BioMed SA	2021286241	Achilles Therapeutics UK Limited
2019410833	Dissing A/S	2021290271	Regeneron Pharmaceuticals, Inc.
2019411511	Oxford University Innovation Limited; Mirobio Limited	2021300824	Corning Research & Development Corporation
2019415335	Envision Energy Co., Ltd	2021309472	W.L. Gore & Associates, Inc.
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2019417463	Mako Surgical Corp.	2021312278	International Business Machines Corporation
2019429901	Kraft Foods Group Brands LLC	2021313415	Nicoventures Trading Limited
2019459336	Halliburton Energy Services, Inc.	2021323356	Vallourec Oil and Gas France
2019478841	Hill's Pet Nutrition, Inc.	2021323868	Huawei Technologies Co., Ltd.
2020200952	ALSTOM Ferroviaria S.p.A	2021333878	Kara Technologies Inc.
2020205042	Can-Fite Biopharma Ltd.	2021338990	Hitachi Energy Ltd
2020209745	Lashify, Inc.	2021339659	Locus Robotics Corp.
2020215238	Sandvik Mining and Construction Oy	2021339792	MEFA Befestigungs- und Montagesysteme GmbH
2020226138	Peakvent AS	2021345024	BAKER HUGHES OILFIELD OPERATIONS LLC
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2020241316	MAKO Surgical Corp.	2021351490	BLOCK, INC.
2020245603	The Regents of The University of California	2021353406	ROSEMOUNT INC.
2020252710	Mitsubishi Tanabe Pharma Corporation		

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2021355100	DAIKIN INDUSTRIES, LTD.	2022263524	Biolyph, LLC
2021364476	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2022266288	HITACHI HIGH-TECH CORPORATION
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2021399965	UMNAI LIMITED	2022275415	The Raymond Corporation
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2021455350	BARD PERIPHERAL VASCULAR, INC.	2022451414	HITACHI CONSTRUCTION MACHINERY CO., LTD.
2022201083	LG ELECTRONICS INC.	2022462020	WEHEAR INNOVATIONS PRIVATE LIMITED
2022201691	Bray, M.	2023200438	LG Electronics Inc.
2022201894	StemRIM Inc.; Osaka University	2023200442	Google LLC
2022203267	Antheia, Inc.	2023200739	Universidad Politecnica de Madrid; Massachusetts Institute of Technology
2022203670	ConMed Corporation	2023201038	Fisher & Paykel Healthcare Limited
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2022204625	LG ELECTRONICS INC.	2023201139	Ecolab USA Inc.
2022204717	Implantica Patent Ltd	2023201166	CASIO COMPUTER CO., LTD.
2022206728	Nicoventures Trading Limited	2023201317	Air Products and Chemicals, Inc.
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2022213430	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2023201530	CCRI (Beijing) New Material Technology Co., Ltd.; CCTEG CHINA COAL RESEARCH INSTITUTE
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2022215284	Endotronix, Inc.	2023201740	Caterpillar Inc.
2022216856	WONDERLAND SWITZERLAND AG	2023201989	DePuy Synthes Products, Inc.
2022218640	Canary Medical Inc.	2023202245	Somero Enterprises, Inc.
2022219946	EMERGING COMPOUNDS TREATMENT TECHNOLOGIES, INC.	2023202324	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2022220631	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023202344	Qualcomm Incorporated
2022221544	Applied Medical Resources Corporation	2023202479	QINGDAO ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE HAIER WATER HEATER CO., LTD.; QINGDAO HAIER NEW ENERGY APPLIANCE CO.,LTD.; Haier Smart Home Co., Ltd.
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2022241660	ELI LILLY AND COMPANY	2023204319	Enertechos Limited
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2022246382	Dexcom, Inc.	2023214367	Komatsu Ltd.
2022252763	Taiwan Mercury Medical Corporation	2023214388	ESCO Group LLC
2022252796	Wing Aviation LLC	2023222886	Rovi Guides, Inc.
2022253454	QSC, LLC	2023224893	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2022255190	INTEGRITY ORTHOPAEDICS, INC.	2023229609	LAI, C.
2022256201	Acuitas Therapeutics Inc.	2023237095	SAMSUNG ELECTRONICS CO., LTD.
2022259358	COMROD AS	2023241331	Huawei Technologies Co., Ltd.
2022259792	Monsanto Technology LLC	2023251460	Intuit Inc.
		2023262105	FRONIUS INTERNATIONAL GMBH
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		2023274082	APIX BIOSCIENCES; PHYTANT
		2023274139	Laidos, Inc.

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2023331395 ROLSTON, B.
2023366057 DENTROID PTY LTD
2024201461 E Ink Corporation
2024201670 GE Video Compression, LLC
2024203028 Chengdu Tulin Technology Co., Ltd.
2024216547 OCEANIA PRECISION PTY LIMITED

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<u>A01B 19 /-</u>	<u>A01P 19 /-</u>	<u>A47B 77 /-</u>	<u>A61B 50 /-</u>	<u>A61J 3 /-</u>	2019328290 2020364192 2022201894
2018321582	2018397349	2019290318	2021277772	2022252763	
<u>A01B 21 /-</u>	<u>A23D 9 /-</u>	<u>A47D 1 /-</u>	<u>A61B 90 /-</u>	<u>A61K 31 /-</u>	<u>A61K 39 /-</u>
2018321582	2018389595	2018349196	2020241316	2017338319 2018376560 2018387291 2018423606 2019212194 2019224089 2019245420 2019254680 2019277547 2019278016 2019278018 2019296552 2019296553 2019312212 2019373306	2017312785 2017313632 2017320776 2017326751 2017341047 2018227807 2018247797 2018275267 2018280856 2018291128 2018325645 2019405961 2020366222 2021225792 2021286241
<u>A01B 23 /-</u>	<u>A23G 3 /-</u>	<u>A47D 9 /-</u>	<u>A61C 13 /-</u>		
2018321582	2019285317	2018349196	2021447805		
<u>A01B 7 /-</u>	<u>A23G 4 /-</u>	<u>A47J 31 /-</u>	<u>A61C 19 /-</u>		
2018321582	2019285317	2018363874	2023366057		
<u>A01C 5 /-</u>	<u>A23K 10 /-</u>	<u>A47J 37 /-</u>	<u>A61F 11 /-</u>		
2018370124	2019478841	2019206506	2022462020		
<u>A01F 15 /-</u>	<u>A23K 20 /-</u>	<u>A47J 47 /-</u>	<u>A61F 13 /-</u>		
2018204732	2023274082	2023331395	2018406465 2018451042		
<u>A01K 1 /-</u>	<u>A23K 50 /-</u>	<u>A61B 1 /-</u>	<u>A61F 2 /-</u>		<u>A61K 41 /-</u>
2019341733	2019478841 2023274082	2022313786	2018406738 2019212626 2019217566 2019225728 2019232875 2019269738 2019273038 2020344961 2021214437 2021253751 2022204717 2022231774 2022283738	2019376907 2019383960 2019405961 2020205042 2020236308 2020252710 2020267382 2020278592 2020364192 2021236089 2021266476 2021310189 2021411587 2022201894 2022211790 2022235569 2022241660 2022274771 2022356286 2023203309 2023209820	2018355217 2019212194
<u>A01K 15 /-</u>	<u>A23L 2 /-</u>	<u>A61B 10 /-</u>			<u>A61K 45 /-</u>
2019261293	2019321847	2018371655 2023203298			2018325645 2018415594 2019245420 2020236308 2021236089 2022211790
<u>A01K 29 /-</u>	<u>A23L 29 /-</u>	<u>A61B 17 /-</u>			
2019341733	2019285277 2019285317	2018374527 2019217566 2019265786 2019269738 2019272432 2020241316 2022203670 2022221544 2022255190 2022313786 2023201989			
<u>A01K 67 /-</u>	<u>A23L 33 /-</u>	<u>A61B 18 /-</u>			<u>A61K 47 /-</u>
2017316604 2019341733 2021203100 2021290271 2022358349	2018376560 2018387291 2018389595 2018415594 2019296552 2019296553 2020320244 2021224434	2019417448 2023201631 2023366057			2017362967 2018227807 2018325645 2019224089 2021353968 2022256201
<u>A01K 89 /-</u>		<u>A61B 34 /-</u>	<u>A61F 5 /-</u>		
2023203916		2019212626 2019417463 2020241316 2021267483 2022203670	2019225728 2022204717		
<u>A01M 1 /-</u>	<u>A24F 40 /-</u>	<u>A61B 35 /-</u>	<u>A61F 7 /-</u>	<u>A61K 33 /-</u>	<u>A61K 48 /-</u>
2019341733 2020351150	2021313415 2021390155	2018374527 2018380433 2019363179	2022204036	2018376560 2019212194	2017330411 2019249890 2019287468 2020252710 2022201894
<u>A01N 25 /-</u>	<u>A24F 47 /-</u>	<u>A61B 36 /-</u>	<u>A61F 9 /-</u>		<u>A61K 49 /-</u>
2022224721	2019235586 2022206728	2019212626 2019417463 2020241316 2021267483 2022203670	2018338345 2018380433 2019363179	2017320776 2018209227 2019357605 2020320244 2020359872 2021224434 2022201894	2018248327
<u>A01N 27 /-</u>	<u>A41D 13 /-</u>	<u>A61B 5 /-</u>	<u>A61G 13 /-</u>		<u>A61K 6 /-</u>
2018397349	2019251217 2019324588	2022261127	2022261127		2021447805
<u>A01N 43 /-</u>	<u>A41G 5 /-</u>	<u>A61B 5 /-</u>	<u>A61G 7 /-</u>	<u>A61K 36 /-</u>	<u>A61K 8 /-</u>
2021390778	2020209745	2018374527 2018380433 2019225728 2022215284 2022218640 2022246382 2022291449 2023200739	2022261127	2019364677 2021224434 2021310189	2018338345 2019312212 2021258116 2023204148
<u>A01N 47 /-</u>	<u>A42B 3 /-</u>		<u>A61H 35 /-</u>	<u>A61K 38 /-</u>	<u>A61K 9 /-</u>
2022224721	2019324588		2018380433	2017338319 2018227807 2018325645 2019260705	2018338345
<u>A01N 49 /-</u>			<u>A61J 1 /-</u>		
2018397349			2018338345 2019272750		

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2018355217	<u>A61M 60 /-</u>	2019278018	<u>A62B 23 /-</u>	<u>B01F 35 /-</u>	<u>B05B 17 /-</u>
2019278018		2020205042			2018380433
2019312212	2022215276	2021224434	2019251217	2019323687	
2023203309					<u>B05B 3 /-</u>
<u>A61L 2 /-</u>	<u>A61N 1 /-</u>	<u>A61P 31 /-</u>	<u>A62B 7 /-</u>	<u>B01J 13 /-</u>	2023229609
	2019417448	2018209227	2019251217	2019285277	
2018355217	2022213430	2019212194			<u>B08B 17 /-</u>
2021310303	2022224729	2019277547	<u>A63B 22 /-</u>	<u>B01J 19 /-</u>	2019251615
<u>A61L 24 /-</u>	<u>A61N 5 /-</u>	2019364677	2019240584	2022204036	
	2023366057	2019405961			<u>B08B 7 /-</u>
2019270949		2020359872	<u>A63C 19 /-</u>	<u>B01J 20 /-</u>	2019251615
<u>A61L 27 /-</u>	<u>A61N 7 /-</u>	2021236089	2019271894	2018338345	2020239671
	2019369173	2021266476		2022346926	
2018406738		<u>A61P 35 /-</u>	<u>A63F 1 /-</u>	<u>B01J 23 /-</u>	<u>B21C 47 /-</u>
2019314468	<u>A61P 1 /-</u>	2017326751	2019231259	2021309472	2021250963
2021447805		2018291128			<u>B21K 5 /-</u>
2023203309	2018209227	2018423606	<u>A63F 13 /-</u>	<u>B01J 27 /-</u>	2021250963
<u>A61M 1 /-</u>	2019278018	2019212194	2022232621	2021333878	
	2019373306	2019224089			<u>B23K 26 /-</u>
2018380880	2019376907	2019280693	<u>A63F 3 /-</u>	<u>B01J 32 /-</u>	2020239671
2019225728	2020320244	2019373306	2019231259	2021333878	
<u>A61M 11 /-</u>	2020364192	2020254100			<u>B25B 21 /-</u>
	2022201894	2020278592	<u>A63F 9 /-</u>	<u>B01J 38 /-</u>	2022268333
2018380433	<u>A61P 11 /-</u>	2020359872	2019231259	2021309472	
2021313415	2019373306	2020403913			<u>B25F 5 /-</u>
2022206728	2021236089	2021353968	<u>B01D 15 /-</u>	<u>B01J 41 /-</u>	2022268333
<u>A61M 13 /-</u>	<u>A61P 13 /-</u>	2021411587	2017312785	2022219946	
	2019373306	2022211790	2018338345		<u>B25J 17 /-</u>
2022203670	2022241660	2022356286	<u>B01D 25 /-</u>	<u>B01J 49 /-</u>	2021430797
<u>A61M 15 /-</u>	2019373306	2023209820	2018410663	2022219946	
	2022241660		<u>B01D 27 /-</u>	<u>B01L 3 /-</u>	<u>B26B 21 /-</u>
2021313415	<u>A61P 15 /-</u>	2017313632	2018410663	2022263524	2021255595
2022206728		2019364677	<u>B01D 29 /-</u>	<u>B01L 99 /-</u>	2021257863
<u>A61M 16 /-</u>	2018325645	2020278592	2018410663		
	2021224434	2020403913	<u>B01D 33 /-</u>	<u>B02C 17 /-</u>	
2023201038	<u>A61P 17 /-</u>	2021225792	2020226138	2019338944	2019323687
<u>A61M 21 /-</u>	2019245420	2022241660	<u>B01D 35 /-</u>	<u>B02C 7 /-</u>	<u>B28C 7 /-</u>
	2022201894	2023204148	2018410663	2023204144	2019323687
2019310191	2022241660		2019357605		
<u>A61M 25 /-</u>	2023204148	<u>A61P 43 /-</u>	<u>B01D 45 /-</u>	<u>B04B 15 /-</u>	<u>B28C 9 /-</u>
		2018376560	2020226138	2018380880	2019323687
2022231774	<u>A61P 19 /-</u>	2019280693	<u>B01D 53 /-</u>	<u>B04B 5 /-</u>	<u>B29C 64 /-</u>
2022279287	2022201894	2020252710	2020290081	2018380880	2022252763
<u>A61M 29 /-</u>	2022241660	2022235569	2021309472	<u>B05B 12 /-</u>	<u>B32B 21 /-</u>
			<u>B01D 37 /-</u>	2018380433	2019364601
2019265786	<u>A61P 21 /-</u>	<u>A61P 5 /-</u>	2018410663	2023229609	<u>B32B 27 /-</u>
<u>A61M 39 /-</u>	2020252710	2019254680	2019357605	<u>B05B 15 /-</u>	2019364601
	2022201894	<u>A61P 7 /-</u>	<u>B01D 46 /-</u>	2023229609	<u>B32B 3 /-</u>
2019225728	<u>A61P 25 /-</u>	<u>A61P 9 /-</u>	2020226138		
2019265786		2019383960	<u>B01D 47 /-</u>		
2021455350	2019396499	2020236308			
2022203670			<u>B01D 48 /-</u>		
2022279403	<u>A61P 27 /-</u>	<u>A61P 11 /-</u>	2020226138		
<u>A61M 5 /-</u>	2019373306	2017338319	2021309472		
		2019278018	<u>B01F 23 /-</u>		
2019225728	<u>A61P 29 /-</u>	2019373306	2019323687		
2019352616		2022201894			
2019363179	2022241660				
2019400972	<u>A61P 3 /-</u>	<u>A61Q 11 /-</u>			
2022204036	2019278016	2021258116			
		<u>A61Q 7 /-</u>			
		2023204148			

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2019335421	<u>B63B 22 /-</u>	201266568 2021310303	<u>C07C 55 /-</u>	<u>C07D 417 /-</u>	2022211790
<u>B33Y 30 /-</u>	2019235526		2022274771	2019383960 2020267382 2021411587	<u>C07K 19 /-</u>
2022252763	<u>B63B 27 /-</u>	<u>B66B 7 /-</u>	<u>C07C 61 /-</u>		2018248327 2018325645
<u>B33Y 70 /-</u>	2018371987	2021285039	2022274771	<u>C07D 471 /-</u>	<u>C08G 18 /-</u>
2019314468	<u>B64C 1 /-</u>	<u>B66B 9 /-</u>	<u>C07D 207 /-</u>	2019277547 2019280693 2020278592 2022356286 2023209820	2023201530
<u>B33Y 80 /-</u>	2019257649	2021428238	2019383960		<u>C08G 83 /-</u>
2018406738 2019314468 2022252763	<u>B64C 39 /-</u>	<u>B66C 6 /-</u>	<u>C07D 211 /-</u>		2023201530
	2022252796 2022259358	2019256746	2019383960	<u>C07D 473 /-</u>	
<u>B41F 15 /-</u>	<u>B64G 1 /-</u>	<u>B67D 1 /-</u>	<u>C07D 213 /-</u>	2019396499	<u>C08J 9 /-</u>
2022279371	2018304554	2018392222	2019373306 2021390778	<u>C07D 487 /-</u>	2018338345
<u>B42D 25 /-</u>	<u>B65B 63 /-</u>	<u>B81B 7 /-</u>		2022356286	<u>C08L 83 /-</u>
2019210176	2019202889	2019210176	<u>C07D 231 /-</u>	<u>C07D 491 /-</u>	2019271385
<u>B60D 1 /-</u>	<u>B65D 55 /-</u>	<u>B82Y 20 /-</u>	2020267382 2022274771		<u>C10G 3 /-</u>
2019318439	2018355217	2019210176	<u>C07D 265 /-</u>	2020278592 2021390778 2022356286	2021333878
<u>B60K 6 /-</u>	<u>B65D 88 /-</u>	<u>C01B 13 /-</u>	2019383960	<u>C07D 495 /-</u>	<u>C11D 1 /-</u>
2018202851	2020376953	2021442353	<u>C07D 279 /-</u>	2019224089	2023201139
<u>B60P 7 /-</u>	<u>B65F 5 /-</u>	2021247882	2019383960	<u>C07D 519 /-</u>	<u>C11D 11 /-</u>
2018369314	2018211243	<u>C01G 23 /-</u>	<u>C07D 295 /-</u>	2022356286	2023201139
<u>B60Q 1 /-</u>	<u>B65G 1 /-</u>	2021442353	2022256201	<u>C07J 71 /-</u>	<u>C11D 3 /-</u>
2023214367	2021353979 2023203787	<u>C01G 39 /-</u>	<u>C07D 401 /-</u>	2022241660	2023201139
<u>B60R 21 /-</u>		2019283439	2019224089 2019373306 2019383960 2020278592 2021390778 2021411587 2022356286 2023209820	<u>C07K 14 /-</u>	<u>C12M 1 /-</u>
2019310191	<u>B65G 11 /-</u>	<u>C01G 41 /-</u>		2018291128 2019249890 2019287468 2019328290 2021203100 2021223184 2021290271 2022201894	2019357605
<u>B60T 7 /-</u>	2018317931	2019283439			<u>C12N 1 /-</u>
2022451414	<u>B65G 15 /-</u>	<u>C01G 51 /-</u>			2019270211 2022201894
<u>B61C 17 /-</u>	2021222857	2021442353	<u>C07D 403 /-</u>		<u>C12N 15 /-</u>
2024203028	<u>B65G 21 /-</u>	<u>C01G 53 /-</u>	2019383960 2020278592 2021411587	<u>C07K 16 /-</u>	2017313632 2017316604 2017320776 2017330411 2018227807 2018325645 2018361590 2018361591 2019249890 2019287468 2019328290 2020252710 2020359872 2021203100 2021265861 2021290271 2022201894 2022203267 2022259792
<u>B61C 3 /-</u>	2019318439	2021442353		2017312785 2017313632 2017316604 2017320776 2017341047 2017362967 2018227807 2018241881 2018247797 2018280856 2018291128 2018325645 2019328290 2019411511 2020254100 2020366222 2020403913 2021202874 2021203100 2021225792 2021380853	
2024203028	<u>B65G 37 /-</u>	<u>C02F 1 /-</u>	<u>C07D 405 /-</u>		
<u>B61C 7 /-</u>	2021222857	2018410663	2019373306 2020278592 2021390778		
2024203028	<u>B65G 41 /-</u>	<u>C04B 35 /-</u>			
<u>B61L 27 /-</u>	2019318439	2021447805	<u>C07D 407 /-</u>		
2020200952	<u>B65G 47 /-</u>	<u>C07C 211 /-</u>	2021390778		
<u>B62B 7 /-</u>	2021222857	2022256201			
2022216856	<u>B66B 23 /-</u>	<u>C07C 233 /-</u>	<u>C07D 409 /-</u>		
<u>B62B 9 /-</u>	2021266568	2022256201	2021411587		
2022216856	<u>B66B 25 /-</u>	<u>C07C 235 /-</u>	<u>C07D 413 /-</u>		
<u>B62J 1 /-</u>	2021310303	2022256201	2019383960 2020278592 2021390778		<u>C12N 5 /-</u>
2019240584	<u>B66B 31 /-</u>				2018293389 2019287468 2019357605

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2022203267 2022259792 C12P 13/-	2021431740 E02F 3/-	E04G 25/- 2019388458	E21C 41/- 2023202324	F15B 15/- 2022271457	F16M 13/- 2019240664
2022203267 C12P 17/-	2018375104 2019280826 2022295310 2023201740 E02F 5/-	E04G 3/- 2019388458	E21C 47/- 2022451414	F16B 25/- 2019410833	F16M 7/- 2022220631
2022203267 C12P 19/-	2019200523 E02F 7/-	E04G 5/- 2019388458	E21D 9/- 2021242899	F16B 35/- 2019410833	F17C 13/- 2023201317
2019270211 C12P 21/-	2019200523 2019318439 E02F 9/-	E05B 13/- 2022400246	E21F 13/- 2019318439	F16B 5/- 2021339792	F17C 9/- 2023201317
2018227807 C12Q 1/-	2018274872 2018375104 2022295310 2023201740 2023214388 E03B 3/-	E05B 47/- 2022400246	F01D 15/- 2022245550	F16C 11/- 2022271457 2023214388	F21K 9/- 2019251615
2018219790 2018229748 2018248327 2018266675 2018282865 2018361590 2018361591 2019478841 2021203599 2021265861 C12R 1/-	2019336268 2022201691 E04B 1/-	E05C 3/- 2018341396 2019206012	F01D 25/- 2022220631	F16H 59/- 2018274872	F21V 9/- 2019251615
2019321847 C21D 8/-	2018344154 2019335421 E04B 2/-	E21B 10/- 2019303851 2021250963	F01K 3/- 2021442353	F16J 15/- 2019239983	F23D 11/- 2021442353
2021410309 C22C 38/-	2018241059 2018344154 2018373492 2019335421 E04B 5/-	E21B 17/- 2019235526 2019306071 2021323356	F01N 5/- 2021216590	F16K 1/- 2019336268 2023229609	F23J 15/- 2021309472
2021410309 D06F 39/-	2018226391 2018226392 E04C 2/-	E21B 19/- 2019235526 2019324133	F02C 3/- 2023224893	F16K 15/- 2019336268 2021374039	F24B 5/- 2019206506
2022204625 D06F 58/-	2019335421 E04D 13/-	E21B 23/- 2021345024	F02C 7/- 2022220631 2023224893	F16K 17/- 2021373599	F24D 17/- 2021216590
2021450620 2022204625 E01C 19/-	2019336268 2022201691 E04F 11/-	E21B 33/- 2021345024	F02C 9/- 2022245550	F16K 21/- 2019336268	F24D 3/- 2021216590
2023202245 E01C 23/-	2018355153 E04F 15/-	E21B 34/- 2019235526 2019324133	F03D 13/- 2020430781	F16K 27/- 2021374039	F24F 1/- 2019240664
2019271894 2023202245 E01F 13/-	2018226391 2018226392 2019364601	E21B 39/- 2021345024	F04B 15/- 2023201317	F16K 31/- 2021373599	F24F 3/- 2019358227 2020226138
		E21B 43/- 2019306071 2019459336	F04B 39/- 2020290081	F16K 47/- 2019336268 2021373599 2022268333	F24F 5/- 2019358227
		E21B 47/- 2019306071 2020370142	F04B 51/- 2019417448	F16K 5/- 2021205836	F24H 1/- 2021216590 2023202479
		E21B 49/- 2020370142	F04C 29/- 2020290081	F16K 7/- 2019459336 2021205836 2021374039	F24H 9/- 2023202479
			F04D 7/- 2023201317		F25B 13/-

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2021425179	<u>F28F 9 /-</u>		2020239671	2023210534	<u>G06V 10 /-</u>
<u>F25B 29 /-</u>	2019239983	<u>G01N 37 /-</u>		2023251460	
2022201083	<u>F41A 17 /-</u>	2018361591	<u>G02F 1 /-</u>		2019320080
<u>F25C 1 /-</u>	2019219077	<u>G01R 1 /-</u>	2019211358	<u>G06F 9 /-</u>	2022252796
2022204036	2024216547	2019201322	2024201461	2019236632	2023201121
2023203209	<u>F41A 19 /-</u>	<u>G01R 19 /-</u>			2023201166
<u>F25D 11 /-</u>	2019219077	2019201322	<u>G03B 17 /-</u>	<u>G06G 7 /-</u>	<u>G06V 20 /-</u>
2018410666	<u>F41A 3 /-</u>	<u>G01R 31 /-</u>	2021280384	2019330032	2023201121
2018412069		2019238615	<u>G03B 21 /-</u>	<u>G06N 10 /-</u>	<u>G06V 30 /-</u>
2023203209	2024216547	2020215238	2019297516	2022234400	2019320080
<u>F25D 15 /-</u>	<u>F42D 1 /-</u>	2022266288	<u>G03G 21 /-</u>	<u>G06N 20 /-</u>	<u>G07F 11 /-</u>
2018412069	2019395666	<u>G01R 33 /-</u>	2021345939	2019396129	2019390319
<u>F25D 17 /-</u>	<u>G01B 11 /-</u>	2021401294	<u>G03H 3 /-</u>	2021312278	<u>G07F 17 /-</u>
2018410663	2020351150	<u>G01S 17 /-</u>	2019369173	2023251460	<u>G07F 17 /-</u>
2018412069	<u>G01D 11 /-</u>	2020321235	<u>G05B 15 /-</u>		2019231259
2022201083	2021353406	2020351150	2019417448	2019286544	<u>G07F 7 /-</u>
2023200438		<u>G01S 5 /-</u>	<u>G05D 1 /-</u>	2019320080	2019390319
<u>F25D 21 /-</u>	<u>G01L 5 /-</u>	2020351150	2019208250	2021399965	<u>G08G 1 /-</u>
2018412069	2019283814	<u>G01S 7 /-</u>	2021339659	2022234400	2022451414
2021414245	<u>G01M 1 /-</u>	2020321235	<u>G05D 11 /-</u>	<u>G06N 5 /-</u>	<u>G08G 5 /-</u>
2023200438	2020351150	2020352824	2019395666	2021399965	2019208250
<u>F25D 23 /-</u>	<u>G01M 3 /-</u>	<u>G01V 1 /-</u>	<u>G06F 1 /-</u>	2023200442	2022252796
2018410666	2019202889	2019232940	2021425425	<u>G06Q 10 /-</u>	<u>G09B 9 /-</u>
2023200438	<u>G01N 1 /-</u>	2023201435	<u>G06F 11 /-</u>	<u>G06Q 10 /-</u>	2023286000
2023203209	2019429901	<u>G01V 5 /-</u>	2022358641	2018369314	<u>G09G 3 /-</u>
<u>F25D 31 /-</u>	<u>G01N 21 /-</u>	2020370142	<u>G06F 113 /-</u>	2019320080	2024201461
2022201083	2020245603	<u>G01V 8 /-</u>	2020239671	2021351490	<u>G10L 19 /-</u>
<u>F28C 1 /-</u>	2020383878	2019342706	<u>G06F 16 /-</u>	2022275415	2019416316
2019358227	<u>G01N 25 /-</u>	<u>G02B 1 /-</u>	2023251460	<u>G06Q 20 /-</u>	2022275486
<u>F28D 1 /-</u>	2019218942	2019210176	<u>G06F 18 /-</u>	2022263492	<u>G10L 21 /-</u>
2019358227	<u>G01N 27 /-</u>	<u>G02B 23 /-</u>	2019286544	2022270588	2019416316
<u>F28D 20 /-</u>	2018266675	2019297516	2019320080	<u>G06Q 40 /-</u>	2019416316
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<u>F28D 21 /-</u>	<u>G01N 30 /-</u>	2019297516	2021347175	2022270588	2019416316
2021425179	2019223350	2019386717	<u>G06F 3 /-</u>	2023331395	<u>G11B 27 /-</u>
<u>F28D 5 /-</u>	2020245603	2020400417	2019236632	<u>G06T 11 /-</u>	2023201166
2019358227	<u>G01N 33 /-</u>	<u>G02B 30 /-</u>	2021280384	2023210534	<u>G16B 20 /-</u>
<u>F28D 7 /-</u>	2017334408	2019211358	2022232901	2023201121	2019240231
2019239983	2018248327	<u>G02B 6 /-</u>	2023210534	<u>G06T 19 /-</u>	<u>G16B 50 /-</u>
<u>F28F 25 /-</u>	2018266675	2019211358	2023266353	2023201121	2019240231
2019239983	2019218942	2020400417	<u>G06F 30 /-</u>	<u>G06T 7 /-</u>	2019240231
<u>F28D 7 /-</u>	2019478841	2019211358	2020239671	2020383878	<u>G16H 10 /-</u>
2019358227	2020245603	2020400417	2023201121	2022252796	2019223718
<u>F28F 27 /-</u>	2020381702	2021300824	<u>G06F 40 /-</u>	2023200739	
2019239983	2020383878	<u>G02B 7 /-</u>		2023201121	<u>G16H 20 /-</u>
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Applications Accepted - IPC Index cont'd

2019223718	2019335421		<u>H04W 88 /-</u>
<u>G16H 30 /-</u>	<u>H02J 3 /-</u>	<u>H04M 1 /-</u>	2018433607
2023203298	2019415335	2021425425	
<u>G16H 40 /-</u>	2021355100	2023266353	<u>H05B 45 /-</u>
2019223718	2023204319	<u>H04M 11 /-</u>	2023366057
<u>G16H 50 /-</u>	<u>H02J 7 /-</u>	2018214022	<u>H05B 47 /-</u>
2023203298	2019238615	<u>H04N 13 /-</u>	2020386598
<u>H01B 7 /-</u>	2019415335	2023201166	<u>H05B 6 /-</u>
2023204319	2021277772	<u>H04N 19 /-</u>	2019235586
<u>H01B 9 /-</u>	2021390155	2019376595	<u>H05K 1 /-</u>
2023204319	2022266288	2023202344	2021425425
<u>H01H 39 /-</u>	<u>H02J 9 /-</u>	2023241331	<u>H05K 3 /-</u>
2021338990	2021277772	<u>H04N 21 /-</u>	2021425425
<u>H01J 49 /-</u>	<u>H02P 6 /-</u>	2022271397	<u>H05K 7 /-</u>
2020245603	2020254232	2022298955	2021425179
2023274139	<u>H02S 40 /-</u>	2023222886	2023262105
<u>H01L 31 /-</u>	2023285923	2024201670	
2022279371	<u>H03M 5 /-</u>	<u>H04N 5 /-</u>	
2023285923	2020386598	2023201166	
<u>H01M 10 /-</u>	<u>H04B 1 /-</u>	<u>H04N 7 /-</u>	
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2019283439	2021420388	<u>H04N 9 /-</u>	
2020215238	2022462020	2020400417	
2022266288	<u>H04B 10 /-</u>	<u>H04Q 11 /-</u>	
<u>H01M 4 /-</u>	2018214022	2018214022	
2019283439	2019337583	<u>H04R 1 /-</u>	
2021364476	<u>H04J 11 /-</u>	2022253454	
2021442353	2023237095	<u>H04R 25 /-</u>	
<u>H01M 50 /-</u>	<u>H04J 13 /-</u>	2022462020	
2021277772	2023237095	<u>H04W 12 /-</u>	
<u>H01Q 3 /-</u>	<u>H04L 1 /-</u>	2019396129	
2020352824	2018447235	2021347175	
<u>H01R 13 /-</u>	<u>H04L 12 /-</u>	<u>H04W 24 /-</u>	
2021277772	2018214022	2021323868	
<u>H01R 4 /-</u>	2023331395	2021426916	
2019404053	<u>H04L 25 /-</u>	2022243326	
2021313415	2019337583	<u>H04W 28 /-</u>	
<u>H01T 1 /-</u>	<u>H04L 67 /-</u>	2018433607	
2021338990	2020462696	2019351481	
<u>H02G 1 /-</u>	<u>H04L 9 /-</u>	<u>H04W 36 /-</u>	
2022259358	2019226563	2022243326	
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	2019396129	2018447235	
	2022263492	2019351481	
	2022270588		

Patents Granted

Standard Patents

2021304052	2021304673	2021304763	2021305611
2021306144	2021306311	2021306575	2021306707
2021307396	2021307397	2021308180	2021309250
2021311153	2021312759	2021320503	2021321833
2021323150	2021323773	2021327879	2021328182
2021328270	2021330109	2021331964	2021332348
2021333385	2021335744	2021337121	2021338445
2021338677	2021339394	2021339829	2021339930
2021340589	2021342115	2021342953	2021344543
2021350084	2021351246	2021351611	2021353512
2021356392	2021359510	2021361097	2021364397
2021367440	2021368309	2021369256	2021371519
2021373082	2021379123	2021380639	2021382154
2021382499	2021382672	2021383914	2021384675
2021389609	2021394102	2021400533	2021401515
2021402376	2021403085	2021406338	2021408095
2021412527	2021415943	2021416071	2021416497
2021420803	2021428925	2022200265	2022200376
2022200385	2022200466	2022200638	2022200664
2022200892	2022201290	2022201422	2022201647
2022201658	2022201767	2022201848	2022202258
2022202311	2022202411	2022202564	2022202629
2022202655	2022202761	2022202813	2022202875
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2022204273	2022204298	2022204302	2022204447
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2022204645	2022204664	2022204720	2022204888
2022205929	2022206781	2022209216	2022209232
2022209298	2022209352	2022211444	2022211514
2022211895	2022211910	2022212203	2022215159
2022215279	2022216914	2022217785	2022218455
2022218506	2022218619	2022214555	202221564
202221568	202222595	2022223462	2022224715
2022224779	2022228171	2022228182	2022228184
2022228186	2022228212	2022231743	2022235537
2022235644	2022244937	2022246478	2022252813
2022254693	2022256181	2022256185	2022256203
2022259743	2022259745	2022259763	2022259764
2022259769	2022259787	2022259861	2022263464
2022263517	2022268273	2022268293	2022268306
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2023200183	2023200214	2023200483	2023200510
2023200585	2023200832	2023200842	2023200953
2023201073	2023201100	2023201123	2023201220
2023201477	2023201517	2023201648	2023201713
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2023202640	2023202984	2023203101	2023203442
2023203470	2023203516	2023203590	2023203713
2023203758	2023204221	2023208098	2023208112
2023214364	2023219935	2023229465	2023229528
2023241277	2023258373	2023274197	2023278353
2023316918	2024201126	2024201933	2024202198
2024202654	2024202768	2024202995	2024203054

Innovation Patents

2024100032	2024100033	2024100034	2024100035
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Patents Granted

Innovation Patents

Assignments Registered

2005319723	Kapsch TrafficCom AB	The patent has been assigned to Kapsch TrafficCom AG
2006225386	Kapsch TrafficCom AB	The patent has been assigned to Kapsch TrafficCom AG
2008207517	Shamir OHS Pty Ltd	The patent has been assigned to Shamir Australia Pty Ltd
2011201951	Dow Global Technologies LLC	The patent has been assigned to DDP Specialty Electronic Materials US, LLC
2011202297	Dow Global Technologies LLC	The patent has been assigned to DDP Specialty Electronic Materials US, LLC
2011247869	Rohm and Haas Company	The patent has been assigned to DDP Specialty Electronic Materials US 8, LLC
2011293757	Dow Global Technologies LLC	The patent has been assigned to DDP Specialty Electronic Materials US, LLC
2011311540	Welltec Oilfield Solutions AG	The patent has been assigned to WELLTEC MANUFACTURING CENTER COMPLETIONS APS
2011343208	Welltec Oilfield Solutions AG	The patent has been assigned to WELLTEC MANUFACTURING CENTER COMPLETIONS APS
2012200677	Rohm and Haas Company	The patent has been assigned to DDP Specialty Electronic Materials US 8, LLC
2012205253	Rohm and Haas Company	The patent has been assigned to DDP Specialty Electronic Materials US 8, LLC
2012300924	Welltec Oilfield Solutions AG	The patent has been assigned to WELLTEC MANUFACTURING CENTER COMPLETIONS APS
2012343913	Welltec Oilfield Solutions AG	The patent has been assigned to WELLTEC MANUFACTURING CENTER COMPLETIONS APS
2013241855	Welltec Oilfield Solutions AG	The patent has been assigned to WELLTEC MANUFACTURING CENTER COMPLETIONS APS
2013285499	Kapsch TrafficCom AB	The patent has been assigned to Kapsch TrafficCom AG
2013340898	Welltec Oilfield Solutions AG	The patent has been assigned to WELLTEC MANUFACTURING CENTER COMPLETIONS APS
2013343439	Karl Leibinger Medizintechnik GmbH & Co. KG	The patent has been assigned to KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG
2013346697	Kapsch TrafficCom AB	The patent has been assigned to Kapsch TrafficCom AG
2014233604	Kapsch TrafficCom AB	The patent has been assigned to Kapsch TrafficCom AG
2014240266	Kapsch TrafficCom AB	The patent has been assigned to Kapsch TrafficCom AG

Assignments Registered

2014253094 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2014253098 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2014339299 Unilin BVBA; AGFA NV The patent has been assigned to **AGFA NV; Unilin BV**

2014351826 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2014356431 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2015207380 4Wall IP DMCC The patent has been assigned to **Etopia Eco Holdings Limited**

2015255258 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2015257582 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2015261996 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2015270490 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2015282671 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2015298873 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2015308497 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2015345113 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2015352462 Kapsch TrafficCom AB The patent has been assigned to **Kapsch TrafficCom AG**

2015352463 Kapsch TrafficCom AB The patent has been assigned to **Kapsch TrafficCom AG**

2016239779 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2016256576 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2016260583 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

Assignments Registered

2016266713 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2016280840 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2016287259 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2016305138 JenaBatteries GmbH The patent has been assigned to **Jena Flow Batteries GmbH**

2016305252 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2016310072 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2016313674 Haleon CH SARL The patent has been assigned to **North Star OpCo Limited**

2016318287 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2016335122 Invetech, Inc. The patent has been assigned to **Invetech IP LLC**

2016344721 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2016358614 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2016375815 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2017213066 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2017216168 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2017220022 Smiths Medical ASD, Inc. The patent has been assigned to **ICU Medical, Inc.**

2017259896 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2017259897 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2017262690 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2017278382 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

Assignments Registered

2017278812 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2017279793 Kapsch TrafficCom AB The patent has been assigned to **Kapsch TrafficCom AG**

2017294413 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2017303944 The Fourth Military Medical University; Shanghai Gene-Chem Co., Ltd. The patent has been assigned to **The Fourth Military Medical University**

2017323306 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2017324138 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2017324192 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2017324821 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2017369122 Sinomed Cardiovit Technology Inc. The patent has been assigned to **SINO MEDICAL SCIENCES TECHNOLOGY INC.**

2017375891 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2018100460 Integrated Access Designs (Australia) Pty Ltd (in Liquidation) The patent has been assigned to **TNBT Holdings Pty Ltd**

2018285312 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2018299928 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2018308919 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2018348426 Karl Leibinger Medizintechnik GmbH & Co. KG The patent has been assigned to **KARL LEIBINGER ASSET MANAGEMENT GMBH & CO. KG**

2018385362 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2019101069 Integrated Access Designs (Australia) Pty Ltd (in Liquidation) The patent has been assigned to **TNBT Holdings Pty Ltd**

2019212858 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2019216397 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

Assignments Registered

2019219113 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2019250350 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2019276081 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2019290985 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2019302626 Plasser & Theurer Export von Bahnbaumaschinen GmbH; Frauscher Sensortechnik GmbH The patent has been assigned to **Plasser & Theurer Export von Bahnbaumaschinen GmbH; Senionic GmbH**

2019317982 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2019340215 Auckland UniServices Limited The patent has been assigned to **Toku Eyes Limited**

2019373350 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2019394664 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2020204498 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2020213688 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2020295720 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2020306680 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2020344901 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

2020352311 Shanghai Meiyue Biotech Development Co., Ltd. The patent has been assigned to **WUHAN CREATERNA SCIENCE AND TECHNOLOGY CO., LTD.**

2020383646 Chengdu Baiyu Pharmaceutical Co., Ltd. The patent has been assigned to **Kangbaida (Sichuan) Biotechnology Co., Ltd.**

2021202217 Auckland UniServices Limited The patent has been assigned to **Toku Eyes Limited**

2021206876 Smiths Medical ASD, Inc. The patent has been assigned to **ICU Medical, Inc.**

2021240167 Welltec Oilfield Solutions AG The patent has been assigned to **WELLTEC MANUFACTURING CENTER COMPLETIONS APS**

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.

2013205270 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 28 Jun 2024

For the goods AWIQLI insulin icodec

2013205275 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 28 Jun 2024

For the goods AWIQLI insulin icodec

2015335941 **AbbVie Inc.**

The earliest first regulatory approval date provided by the patentee 27 Mar 2024

For the goods VYALEV foslevodopa

2017378102 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 28 Jun 2024

For the goods AWIQLI insulin icodec

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.

2008285784 **Cassiopea S.p.A.**

The earliest first regulatory approval date provided by the patentee 12 Mar 2024

For the goods WINLEVI clascoterone

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2014233577 **Cassiopea S.p.A.**

The earliest first regulatory approval date provided by the patentee 12 Mar 2024

For the goods WINLEVI clascoterone

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2023233078 **Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc.**

The earliest first regulatory approval date provided by the patentee 04 Mar 2021

For the goods ZOLGENSMA onasemnogene abeparvovec

Address for service : WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Corrigenda

In Vol 58 , No 39 , Page(s) 5739 under the heading **Assignments Registered** Under the name Protegrity US Holding, Application No 2013216868, under INID (71) correct applicant name to Protegrity US Holding, LLC

Corrigenda

In Vol 58 , No 39 , Page(s) 5740 under the heading **Assignments Registered** Under the name Protegrity US Holding, Application No 2014240197, under INID (71) correct applicant name to Protegrity US Holding, LLC

In Vol 58 , No 39 , Page(s) 5740 under the heading **Assignments Registered** Under the name Protegrity US Holding, Application No 2014240202, under INID (71) correct applicant name to Protegrity US Holding, LLC

In Vol 58 , No 39 , Page(s) 5740 under the heading **Assignments Registered** Under the name Protegrity US Holding, Application No 2016201708, under INID (71) correct applicant name to Protegrity US Holding, LLC

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

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- 2020100163 **Jusand Nominees Pty Ltd**
- 2020103956 **Jusand Nominees Pty Ltd**
- 2020376974 **AGENTIUM Pty Ltd**
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