



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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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 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 5 December 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Lee Brothers Fencing Pty Ltd v Aus Group Alliance Pty Ltd [2024] APO 47

Patent Application: 2018229685

Title: Moulded cladding panel

Patent Applicant: Aus Group Alliance Pty Ltd

Opponent: Lee Brothers Fencing Pty Ltd

Delegate: Dr N. R. Madsen – Deputy Commissioner of Patents

Decision Date: 26 November 2024

Hearing Date: 28 October 2024 via video conference

Catchwords: **PATENTS** – section 59 – moulded plastic cladding panels – grounds of clarity, support, clear and complete disclosure – no grounds made out – opposition unsuccessful – costs awarded against opponent

Representation: Counsel for the opponent: Peter Creighton-Selvay
Patent attorney for the opponent: Cooper IP
Counsel for the applicant: Marcus Fleming
Patent attorney for the applicant: FB Rice Pty Ltd

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 19 Nov 2024 .

(71) Aeternum Life Technologies Pty Ltd (21) 2024903820 (22) 20.11.2024 (54) A MODULAR AND INTELLIGENT PER-FUSION SYSTEM FOR COMPLEX TISSUES	(71) Biofactus Pty Ltd (21) 2024903827 (22) 21.11.2024 (54) Topical formulation and uses thereof	(71) Excellerate Pty Ltd (21) 2024903838 (22) 21.11.2024 (54) Composition
(71) Ai Drive Pty Ltd (21) 2024903841 (22) 21.11.2024 (54) A FUEL DELIVERY MANAGEMENT SYSTEM AND METHOD THEREOF	(71) Bond, G. (21) 2024903848 (22) 22.11.2024 (54) Water Turbine System for Electricity Generation in Pipelines	(71) Fluid Products Pty Ltd (21) 2024903858 (22) 22.11.2024 (54) WATER TREATMENT SYSTEM
(71) Auckland UniServices Limited (21) 2024903849 (22) 22.11.2024 (54) IPT system with push-pull resonant converters	Bracen, P. see New Tech (Wanganui) Limited (21) 2024903833	(71) Ganbry Innovations Pty Ltd (21) 2024903850 (22) 22.11.2024 (54) Bucket
(71) Australian Red Cross Lifeblood (21) 2024903876 (22) 25.11.2024 (54) Apparatus and method for testing a biological liquid	(71) Burns, O. (21) 2024903851 (22) 22.11.2024 (54) Roofing Bracket for Securing Cross Beams on Corrugated Roof Surfaces	(71) Gillam, T. (21) 2024903852 (22) 22.11.2024 (54) A preset timed release floatation device
(71) AUSUS PTY LTD (21) 2024903821 (22) 20.11.2024 (54) Lateral Flow Assays	(71) Burns, O. (21) 2024903878 (22) 25.11.2024 (54) Tool and Method for Deploying Cargo Restraint Straps	(71) Global Health Solutions and Innovations Pty Ltd (21) 2024903893 (22) 26.11.2024 (54) Topical formulation for the treatment of arthritis and related conditions
(71) Baskaran, R.; velmurugan, K. (21) 2024903872 (22) 25.11.2024 (54) Amine doped Cu-BTC Metal–Organic Frameworks for Enhanced Photocatalytic Performance for ibuprofen under visible light	(71) Canning, J. (21) 2024903825 (22) 20.11.2024 (54) Deployable defensive drone fields	(71) Globaltech Corporation Pty Ltd (21) 2024903847 (22) 22.11.2024 (54) SYSTEMS AND METHODS OF DRILL TOOL DETECTION AND ASSESSMENT
(71) Bervens Trust (21) 2024903823 (22) 20.11.2024 (54) Process for Advertisement Substitution	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903844 (22) 22.11.2024 (54) Vegetation coverage estimation	(71) Green Ag Systems Pty Ltd (21) 2024903839 (22) 21.11.2024 (54) Organic Fertiliser
Bianchi, T. see Team Pickleball Australia Pty Ltd (21) 2024903842	(71) Contract Resources Pty. Ltd. (21) 2024903877 (22) 25.11.2024 (54) Apparatus, System and Method for Maintaining a Vessel	(71) Hephaistos (21) 2024903860 (22) 22.11.2024 (54) AI database Processing for NCC
	(71) Deakin University (21) 2024903882 (22) 25.11.2024 (54) ELECTROCHEMICAL SENSOR AND USE THEREOF	(71) Herbert, R. (21) 2024903818 (22) 19.11.2024 (54) A Wheel Lift Apparatus

Provisional Applications Filed - Name Index cont'd

(71) Hivekeepers Holdings Pty Ltd
(21) 2024903854 (22) 22.11.2024
(54) System and method for producing honey

(71) Holcim (Australia) Pty Ltd
(21) 2024903822 (22) 20.11.2024
(54) Solids and liquids separator

(71) Howie, C.
(21) 2024903871 (22) 24.11.2024
(54) Cricket match progress bar for television scoreboard

(71) Image Resources NL
(21) 2024903845 (22) 22.11.2024
(54) An improved pyroprocessing method

(71) JETBLACK INVESTMENTS PTY LTD
(21) 2024903831 (22) 21.11.2024
(54) TECHNOLOGY ENABLING UTILISATION OF EXISTING WIRELESS GEAR SHIFTING CONTROLLERS WITH VIRTUAL SHIFTING PROVIDED VIA STATIONARY CYCLING TRAINER ASSEMBLIES

(71) Kingspan Water & Energy Pty Limited
(21) 2024903865 (22) 22.11.2024
(54) Water storage module and system

(71) LIPMAN, G.
(21) 2024903856 (22) 22.11.2024
(54) protector

Lutersz, S. see Team Pickleball Australia Pty Ltd
(21) 2024903842

(71) Macquarie University
(21) 2024903826 (22) 20.11.2024
(54) Optical collimators and beam directors

(71) Matson, P.
(21) 2024903889 (22) 26.11.2024
(54) THE SELF PROPELLED - GRAVITY POWERED POWERPLANT & DESALINATION PLANT

(71) Mechtech MTT Pty Ltd
(21) 2024903873 (22) 25.11.2024
(54) Personnel lifting device

(71) Mohanta, A.
(21) 2024903883 (22) 25.11.2024
(54) Lifesaver SOS App

(71) NewSouth Innovations Pty Limited
(21) 2024903837 (22) 21.11.2024
(54) Transition metal dichalcogenide quantum dots and methods for producing the same

(71) NewSouth Innovations Pty Limited
(21) 2024903846 (22) 22.11.2024
(54) Hydrogen treatment for high performance chalcogenide thin film solar cells

(71) NewSouth Innovations Pty Limited
(21) 2024903863 (22) 22.11.2024
(54) An apparatus for perovskite fabrication

(71) New Tech (Wanganui) Limited; Bracen, P.
(21) 2024903833 (22) 21.11.2024
(54) WALL ASSEMBLY AND RELATED METHODS, SYSTEMS AND KITS

(71) NJ Services Pty Ltd
(21) 2024903862 (22) 22.11.2024
(54) SPINNING TOY DEVICE

(71) NuNerve Pty Ltd
(21) 2024903891 (22) 26.11.2024
(54) Method of Treating a Motor Neuron Disease

(71) Originova Medical Pty Ltd
(21) 2024903836 (22) 21.11.2024
(54) A composition and method for tissue regeneration based on Hyaluronic acid

(71) PADESIGNS PTY LTD
(21) 2024903864 (22) 22.11.2024
(54) HEAT SHIELD FOR AN INDOOR COMBUSTION HEATER

(71) Pansow, A.
(21) 2024903894 (22) 26.11.2024
(54) Vent Assembly for a Ceiling Register

(71) Pola, C.
(21) 2024903880 (22) 25.11.2024
(54) A heat recovery system to recover and reuse heat and lower CO2 emissions

(71) Pring, G.
(21) 2024903834 (22) 21.11.2024
(54) Wall stud and system of metal stud profiles

(71) PRIOCAM BIO-INNOVATIONS PTY LTD
(21) 2024903866 (22) 22.11.2024
(54) Detection of Alzheimer's Disease Using APOA1 as a Biomarker in a Sandwich

ELISA Format with Rabbit Monoclonal Antibody and Nanobody

(71) Puma Energy (Australia) Bitumen Pty Ltd
(21) 2024903853 (22) 22.11.2024
(54) A bituminous composition

(71) Queensland University of Technology
(21) 2024903824 (22) 20.11.2024
(54) SENSOR

(71) RDS Robotics
(21) 2024903867 (22) 23.11.2024
(54) Self-centering suction cup assembly

ResMed Asia Pte.Ltd. see ResMed Pty Ltd
(21) 2024903875

(71) ResMed Asia Pte. Ltd.
(21) 2024903830 (22) 21.11.2024
(54) Assembly Apparatus

(71) ResMed Pty Ltd; ResMed Asia Pte.Ltd.
(21) 2024903875 (22) 25.11.2024
(54) Headgear For Patient Interface

(71) Sadettan, K.
(21) 2024903874 (22) 25.11.2024
(54) Concrete and cement in scaffolding

(71) salerno, s.
(21) 2024903843 (22) 21.11.2024
(54) An adjustable equipment mount designed to securely attach to a pole/ beam / rod / pier ,using a slotted system combined with a stretchable rubber strap . Strapped around the circumference of an object this system allows for quick setup and removal while providing a stable base for fishing rods and accessories ,ensuring minimal movement during use. Ideal for anglers seeking convenience ,portability and enhanced stability in their fishing setup

(71) Saluda Medical Pty Limited
(21) 2024903835 (22) 21.11.2024
(54) Improved measurement of evoked responses to neural stimulation

(71) San Miguel Yamamura Woven Products Sdn Bhd
(21) 2024903855 (22) 22.11.2024
(54) REFLECTIVE THERMAL INSULATION LINER

(71) Sclaro, A.
(21) 2024903870 (22) 24.11.2024
(54) A Power Drive

Provisional Applications Filed - Name Index cont'd

	within a Central Neural Network Framework
(71) SIMPLY NOOTROPICS LIMITED (21) 2024903890 (22) 26.11.2024 (54) A combination composition	(71) Vater, L. (21) 2024903829 (22) 21.11.2024 (54) AN IMPROVED RAIL CLAMP
(71) Slip IP Holdings Pty Ltd (21) 2024903840 (22) 21.11.2024 (54) AN IMPROVED PILLOW	(71) Velican, Z. (21) 2024903817 (22) 19.11.2024 (54) Robust Loudspeaker
(71) Spicer, K. (21) 2024903868 (22) 24.11.2024 (54) Smartphone-Based Rip Current Detection Using AI-Driven Image Processing	velmurugan, K. see Baskaran, R. (21) 2024903872
(71) Stewart, J. (21) 2024903885 (22) 26.11.2024 (54) Laser Level System with Digital Receiver and Wireless Audio Feedback	(71) Vickers, D. (21) 2024903828 (22) 21.11.2024 (54) Absorbent Neck Shaped Towel for Hairdressing
(71) Team Pickleball Australia Pty Ltd; Bianchi, T.; Lutersz, S. (21) 2024903842 (22) 21.11.2024 (54) Mini modified pickleball court designed for young kids. It incorporates a 6 colored kitchen area, red, blue, teal, (green) purple, yellow and pink. See pics for details. This roll out mat has been designed to go with our paddle pups pickleball program and accessories like paddles, balls and dogs. Dimensions of court are 7.5 meters long and 5.05 meters wide and the kitchen area is 4.26 meters in depth and 3.05 meters in width. Kitchen area is equally divided into the above 6 colors. We have our Paddle Pups logo and Switch pb logo on the mat. The colors match our 6 kid paddles.	(71) wardle, j. (21) 2024903832 (22) 21.11.2024 (54) Prometheus: Advanced Neuromorphic and Quantum Hybrid Computing Algorithm
(71) Telepathic Pty Ltd (21) 2024903884 (22) 25.11.2024 (54) MUSIC SYNTHESIZER	(71) Wescone Distribution Pty Ltd (21) 2024903900 (22) 26.11.2024 (54) A Crusher
(71) The University of Melbourne (21) 2024903861 (22) 22.11.2024 (54) Surface and method for reducing drag	(71) Williams, P. (21) 2024903859 (22) 22.11.2024 (54) GRADER ATTACHMENT
(71) The University of Melbourne (21) 2024903881 (22) 25.11.2024 (54) Stabilized vaccine construct and uses thereof	(71) WIREMAN PTY LIMITED (21) 2024903879 (22) 25.11.2024 (54) A Tension Board Latch
(71) The University of Sydney (21) 2024903819 (22) 20.11.2024 (54) Adjuvants	(71) Wood, P. (21) 2024903869 (22) 24.11.2024 (54) Capture a screen image or video from one computer screen and send that screen capture image or video to other computer screens.
(71) Toby Frendin (21) 2024903857 (22) 22.11.2024 (54) Dual Model Symbiotic Large Language Model (LLM) Utilising Game Theory	(71) Xerxes Arthropedix , LLC (21) 2024903886 (22) 26.11.2024 (54) Orthopaedic Mallet
	(71) Xerxes Arthropedix , LLC (21) 2024903887 (22) 26.11.2024 (54) Femoral Neck Elevator for Orthopaedic Surgery
	(71) Xerxes Arthropedix , LLC (21) 2024903888 (22) 26.11.2024 (54) Orthopaedic Bone Hook

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2024903875	ResMed Pty Ltd; ResMed Asia Pte.Ltd.		
2024903876	Australian Red Cross Lifeblood		
2024903877	Contract Resources Pty. Ltd.		
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2024903880	Pola, C.		
2024903881	The University of Melbourne		
2024903882	Deakin University		

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Applications listed below were processed through the Patent Office Canberra during the period ending 19 Nov 2024 .

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

(71) AHRKO Holdings Pty Ltd (21) 2024266734 (22) 20.11.2024 (54) Materials Drying System	(71) ANOKION SA; ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) (21) 2024266808 (22) 22.11.2024 (54) Glycotargeting therapeutics	(71) Blue River Technology Inc. (21) 2024266882 (22) 26.11.2024 (54) Identifying incorrectly configured plant identification models in a farming machine
(71) Alexion Pharmaceuticals, Inc. (21) 2024266818 (22) 22.11.2024 (54) Dosage and administration of anti-C5 antibodies for treatment of atypical hemolytic uremic syndrome (aHUS)	(71) Apple Inc. (21) 2024266811 (22) 22.11.2024 (54) Identifying applications on which content is available	(71) Boston Scientific Scimed, Inc. (21) 2024266865 (22) 25.11.2024 (54) Devices for fluidization and delivering a powdered agent
(71) Alkahest, Inc. (21) 2024266816 (22) 22.11.2024 (54) Dosing regimen for treatment of cognitive and motor impairments with blood plasma and blood plasma products	(71) Aristocrat Technologies, Inc. (21) 2024266867 (22) 25.11.2024 (54) SYSTEMS AND METHODS FOR PROVIDING TRANSIENT FEATURES ASSOCIATED WITH OUTPUTS IN ELECTRONIC GAMING	(71) Britax Romer Kindersicherheit GmbH (21) 2024266801 (22) 22.11.2024 (54) CHILD SAFETY SEAT WITH BELTED PIVOT LINK
(71) Alnylam Pharmaceuticals, Inc. (21) 2024266805 (22) 22.11.2024 (54) Angiotensin-like 3 (ANGPTL3) iRNA compositions and methods of use thereof	(71) Assa Abloy AB (21) 2024266739 (22) 20.11.2024 (54) Systems, methods, and devices for access control	(71) BROADRIDGE FINANCIAL SOLUTIONS, INC. (21) 2024266793 (22) 22.11.2024 (54) COMPUTER NETWORK SYSTEMS FOR CRYPTOGRAPHICALLY-SECURED, TOKEN-BASED OPERATIONS AND METHODS OF USE THEREOF
(71) ALPHA TAU MEDICAL LTD. (21) 2024266800 (22) 22.11.2024 (54) Radiotherapy applicator	(71) Avedro, Inc. (21) 2024266737 (22) 20.11.2024 (54) PHOTOACTIVATION SYSTEMS AND METHODS FOR CORNEAL CROSSLINKING TREATMENTS	(71) Carrier Japan Corporation (21) 2024266714 (22) 20.11.2024 (54) HEAT SOURCE APPARATUS
(71) American Sterilizer Company (21) 2024266784 (22) 21.11.2024 (54) Light Head Having Camera Assembly Integrated In Handle And Surgical Lighting System Including Same	(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC. (21) 2024266791 (22) 22.11.2024 (54) Image data encoding/decoding method and apparatus	(71) Case Western Reserve University (21) 2024266863 (22) 25.11.2024 (54) COMPOSITIONS AND METHODS FOR TREATING MYELIN DISORDERS
(71) Amgen Inc. (21) 2024266756 (22) 21.11.2024 (54) Process for lyophilized pharmaceutical formulation of a therapeutic protein	(71) Bambino Prezioso Switzerland AG (21) 2024266806 (22) 22.11.2024 (54) Safety mechanism for child car seat	(71) Caterpillar Global Mining Equipment LLC (21) 2024266820 (22) 22.11.2024 (54) BATTERY ELECTRIC VEHICLE OPERATOR TO CHARGE TECHNICIAN INTERLOCK
(71) Ancra International LLC (21) 2024266727 (22) 20.11.2024 (54) Remotely adjustable captive beam system	(71) Bandit Trigg Group PTY LTD (21) 2024266902 (22) 26.11.2024 (54) Bandit Tee's	(71) CATERPILLAR GLOBAL MINING LLC (21) 2024266760 (22) 21.11.2024 (54) ANGULAR ARCH DRAGLINE BUCKET AND WORK MACHINES, SYSTEMS, AND ASSEMBLIES THEREOF
(71) Angel Group Co., Ltd. (21) 2024266875 (22) 25.11.2024 (54) FRAUD DETECTION SYSTEM IN CASINO	(71) Beam Therapeutics Inc. (21) 2024266710 (22) 20.11.2024 (54) COMPOSITIONS AND METHODS FOR NON-TOXIC CONDITIONING	(71) CATERPILLAR INC. (21) 2024266763 (22) 21.11.2024 (54) DEVICE AND METHOD FOR ELECTRICAL FAULT DETECTION
(71) Biosense Webster (Israel) Ltd. (21) 2024266896 (22) 26.11.2024 (54) Automated control of an electrical connection joining process		

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(71) CATERPILLAR INC. (21) 2024266821 (22) 22.11.2024 (54) AUDIO-VISUAL ASSIST FOR EFFICIENT PILING OR STACKING OF MATERIALS	(71) DEKA Products Limited Partnership (21) 2024266719 (22) 20.11.2024 (54) Computer-implemented method, system, and apparatus for electronic patient care	(71) E Ink Corporation (21) 2024266905 (22) 26.11.2024 (54) IMPROVED DRIVING VOLTAGES FOR ADVANCED COLOR ELECTROPHORETIC DISPLAYS AND DISPLAYS WITH IMPROVED DRIVING VOLTAGES
(71) CFPH, LLC (21) 2024266885 (22) 26.11.2024 (54) BIOMETRIC ACCESS SENSITIVITY	(71) DEKA Products Limited Partnership (21) 2024266851 (22) 25.11.2024 (54) USER CONTROL DEVICE FOR A TRANSPORTER	(71) Eli Lilly and Company (21) 2024266715 (22) 20.11.2024 (54) GIP/GLP1 agonist compositions
(71) Checkpoint Systems, Inc. (21) 2024266767 (22) 21.11.2024 (54) VIRTUAL SHIELDING SYSTEM AND METHOD FOR INVENTORY TRACKING	(71) DEKA Products Limited Partnership (21) 2024266883 (22) 26.11.2024 (54) Computer-implemented method, system, and apparatus for electronic patient care	(71) Enatel (21) 2024266807 (22) 22.11.2024 (54) Load Balancing
(71) Chester Brown Industries Pty Ltd (21) 2024266837 (22) 24.11.2024 (54) Agricultural Storage Assembly	(71) Derrick Corporation (21) 2024266752 (22) 21.11.2024 (54) INJECTION MOLDED SCREENING APPARATUSES AND METHODS	(71) Eve Energy Storage Co., Ltd (21) 2024266894 (22) 26.11.2024 (54) LIQUID COOLING PLATE, BATTERY PACK AND LOWER CASE THEREFOR, AND ENERGY STORAGE
(71) Club Car, LLC (21) 2024266802 (22) 22.11.2024 (54) Brake backup power for electrically actuated brakes of a personal transportation vehicle and related methods	(71) Diehl Defence GmbH & Co. KG (21) 2024266869 (22) 25.11.2024 (54) Countering a target with cumulative high-power pulses	(71) F. Hoffmann-La Roche AG (21) 2024266812 (22) 22.11.2024 (54) New treatment of SMA
(71) Colgate-Palmolive Company (21) 2024266892 (22) 26.11.2024 (54) Oral care implement	(71) Dolby Laboratories Licensing Corporation (21) 2024266868 (22) 25.11.2024 (54) Signaling of priority processing order for metadata messaging in video coding	(71) FalCom A/S (21) 2024266748 (22) 20.11.2024 (54) Joint assembly for a helmet system
(71) Conexions, Inc. (21) 2024266860 (22) 25.11.2024 (54) DEVICES, SYSTEMS, AND METHODS FOR REPAIRING SOFT TISSUE AND ATTACHING SOFT TISSUE TO BONE	DOLLE, R. see TUCKER, S. (21) 2024266873	(71) Fasteners for Retail, Inc. (21) 2024266866 (22) 25.11.2024 (54) Actuator with locking mechanism
(71) Crimsafe Security Systems Pty Ltd (21) 2024266893 (22) 26.11.2024 (54) Building security screen assembly	(71) DSM IP Assets B.V. (21) 2024266819 (22) 22.11.2024 (54) YOGHURT SNACK	(71) Finlan, E.; Luxford, A. (21) 2024266890 (22) 26.11.2024 (54) Portable skate ramp componentry
(71) Cummins Power Generation Inc. (21) 2024266735 (22) 20.11.2024 (54) Hierarchical power control	(71) Eco Benchtops Pty Ltd (21) 2024266857 (22) 25.11.2024 (54) Composite slab comprising recycled glass	(71) Fin Stabilisers International Pty Ltd (21) 2024266891 (22) 26.11.2024 (54) BOAT HULL STABILISER FIN DEPLOYMENT SYSTEM
(71) Cytrellis Biosystems, Inc. (21) 2024266732 (22) 20.11.2024 (54) Rapid skin treatment using microcoring	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) see ANOKION SA (21) 2024266808	(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2024266912 (22) 26.11.2024 (54) BREATHING ASSISTANCE APPARATUS
(71) Decker, E. (21) 2024266717 (22) 20.11.2024 (54) Process to produce an engineered carbon	(71) Edwards Lifesciences Corporation (21) 2024266754 (22) 21.11.2024 (54) Native valve repair devices and procedures	(71) Fortescue Zero Limited (21) 2024266889 (22) 26.11.2024 (54) Electric current sensor
(71) DEFIANT ENGINEERING, LLC (21) 2024266704 (22) 19.11.2024 (54) Axial LiDAR doppler analyzer	(71) Edwards Lifesciences Corporation (21) 2024266814 (22) 22.11.2024 (54) Prosthetic mitral valve with improved anchors and seal	(71) Fresenius Vial SAS (21) 2024266740 (22) 20.11.2024 (54) Drug library compiler for patient devices
		(71) FRESH CUT DEVELOPMENT, LLC (21) 2024266845 (22) 25.11.2024

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(54) STABLE CANNABINOID FORMULATIONS

(71) Front Line Medical Technologies Inc.
(21) 2024266829 **(22)** 22.11.2024

(54) DEVICE AND METHOD FOR BLOOD VESSEL OCCLUSION

(71) Fujitsu Limited; Tokyo Stock Exchange, Inc.

(21) 2024266751 **(22)** 21.11.2024

(54) Trading method, trading brokerage method, trading brokerage program

Garock Pty Ltd see M and J Mining (Pty) Ltd

(21) 2024266823

(71) GEA Farm Technologies GmbH

(21) 2024266718 **(22)** 20.11.2024

(54) Rotary milking parlor and method for controlling a rotary milking parlor

(71) Gen-Probe Incorporated

(21) 2024266774 **(22)** 21.11.2024

(54) Compositions, methods and kits to detect Metapneumovirus, Adenovirus, and/or Rhinovirus nucleic acids

(71) Gen-Probe Incorporated

(21) 2024266777 **(22)** 21.11.2024

(54) Compositions, methods and kits to detect Metapneumovirus, Adenovirus, and/or Rhinovirus nucleic acids

(71) Getzner Werkstoffe Holding GmbH

(21) 2024266771 **(22)** 21.11.2024

(54) Turnout for a track system for rail vehicles

Giber, J. see Lovász, S.

(21) 2024266755

(71) Givant, P.

(21) 2024266713 **(22)** 20.11.2024

(54) SPECIALIZED SLOT MACHINE FOR CONDUCTING A WAGERING GAME USING A CARD SYSTEM FOR REAL TIME OR LIVE ACTION EVENT CONTENT

(71) GLOBAL MET TECH PTY LTD

(21) 2024266742 **(22)** 20.11.2024

(54) A Media Handling System and Related Method

(71) GLOBAL MET TECH PTY LTD

(21) 2024266743 **(22)** 20.11.2024

(54) A Media Handling System and Related Method

(71) GLOBAL MET TECH PTY LTD

(21) 2024266747 **(22)** 20.11.2024

(54) A Media Handling System and Related Method

(71) Good T Cells, Inc.

(21) 2024266887 **(22)** 26.11.2024

(54) Epitope of regulatory T cell surface antigen and antibody specifically binding thereto

(71) GOOGLE LLC

(21) 2024266796 **(22)** 22.11.2024

(54) USING LARGE LANGUAGE MODEL(S) IN GENERATING AUTOMATED ASSISTANT RESPONSE(S)

(71) GrainSense Oy

(21) 2024266809 **(22)** 22.11.2024

(54) Crop Management

(71) Green Ess Pty Ltd

(21) 2024266766 **(22)** 21.11.2024

(54) An Integrated Recreational Vehicle Power Control System

(71) Greenlands Distributors Pty Ltd

(21) 2024266744 **(22)** 20.11.2024

(54) A Bin and a Bin Lid

(71) GUANGZHOU HUTONGYOUWU BIOTECHNOLOGY CO., LTD

(21) 2024266789 **(22)** 22.11.2024

(54) NEW USE OF PQQ AND DERIVATIVE THEREOF

(71) Harpoon Therapeutics, Inc.

(21) 2024266817 **(22)** 22.11.2024

(54) B cell maturation antigen binding proteins

(71) Heraeus Medical GmbH

(21) 2024266888 **(22)** 26.11.2024

(54) KIT FOR PRODUCING AND EXTRUDING BONE CEMENT, AND METHOD

(71) Hitachi Construction Machinery Co., Ltd.

(21) 2024266872 **(22)** 25.11.2024

(54) VEHICLE MANAGEMENT SYSTEM

(71) Hitachi Energy Ltd

(21) 2024266731 **(22)** 20.11.2024

(54) Electromagnetic relay

(71) Hologic, Inc.

(21) 2024266897 **(22)** 26.11.2024

(54) DIGITAL IMAGING SYSTEM AND METHOD

(71) Huawei Technologies Co., Ltd.

(21) 2024266753 **(22)** 21.11.2024

(54) METHOD AND APPARATUS FOR MOTION INFORMATION STORAGE

(71) Ibox (NZ) Pty Limited

(21) 2024266898 **(22)** 26.11.2024

(54) A Light

(71) IGT

(21) 2024266765 **(22)** 21.11.2024

(54) SYSTEM AND METHOD FOR UTILIZING MOBILE DEVICE TO TRACK GAMING DATA

(71) Imtrade Australia Pty Ltd

(21) 2024266779 **(22)** 21.11.2024

(54) Pesticide formulation comprising captan and means to monitor the stability thereof

(71) Incube Labs, LLC

(21) 2024266803 **(22)** 22.11.2024

(54) Intracranial delivery of medicinal solution

(71) INCYTE HOLDINGS CORPORATION

(21) 2024266792 **(22)** 22.11.2024

(54) TREATMENT OF B-CELL MALIGNANCIES BY A COMBINATION JAK AND PI3K INHIBITOR

(71) Intellitech Pty Ltd

(21) 2024266864 **(22)** 25.11.2024

(54) Rotationally Balanced Electric Motor With Air-Core Stator Coils

(71) Intuit Inc.

(21) 2024266907 **(22)** 26.11.2024

(54) Data source mapper for enhanced data retrieval

(71) Ionis Pharmaceuticals, Inc.

(21) 2024266799 **(22)** 22.11.2024

(54) COMPOSITIONS AND METHODS FOR MODULATING HBV AND TTR EXPRESSION

(71) i-Refer Global Pty Ltd

(21) 2024266831 **(22)** 23.11.2024

(54) SYSTEM AND METHOD FOR TECHNICAL OPTIMISATION OF TRANSACTIONS IN REFERRAL TRADE

(71) Isealate AS

(21) 2024266759 **(22)** 21.11.2024

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(54) Running tool for a downhole apparatus for patching a wall of a conduit and a method of patching a conduit

(71) Jackson, C.
(21) 2024266834 (22) 24.11.2024
(54) Surf Hat Harness

(71) Janssen Biotech, Inc.
(21) 2024266776 (22) 21.11.2024
(54) B-cell maturation complex CAR T construct and primers

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(21) 2024266773

(71) JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.
(21) 2024266773 (22) 21.11.2024
(54) HOT-DIP Al-Zn-Si-Mg COATED STEEL SHEET, SURFACE-TREATED STEEL SHEET, AND PRE-PAINTED STEEL SHEET

(71) Jiangsu XCMG Construction Machinery Research Institute LTD.
(21) 2024266813 (22) 22.11.2024
(54) Modular power battery system and new energy device

JOYCE, R.D. see TUCKER, S.
(21) 2024266873

Jumpstart Fertility Pty Ltd see TUCKER, S.
(21) 2024266873

(71) KELKIE GROUP PTY LTD
(21) 2024266745 (22) 20.11.2024
(54) Automated Storage & Retrieval System (ASRS) - height safety locking platform

(71) Kljuce-KAUFFMANN, Q.G.R.P.L.
(21) 2024266833 (22) 24.11.2024
(54) DARK ENERGY DETECTION

(71) Lantheus Medical Imaging, Inc.
(21) 2024266778 (22) 21.11.2024
(54) METHODS AND DEVICES FOR PREPARATION OF ULTRASOUND CONTRAST AGENTS

(71) Lexigogo BVBA
(21) 2024266859 (22) 25.11.2024
(54) Method and system for video contracts

(71) LG Electronics Inc.
(21) 2024266741 (22) 20.11.2024

(54) Image decoding method and device in accordance with block split structure in image coding system

(71) LG Electronics Inc.
(21) 2024266749 (22) 20.11.2024
(54) Cooking appliance

(71) Liddicoat, D.
(21) 2024266836 (22) 24.11.2024
(54) A PORTABLE WATER PURIFICATION AND DESALINATION PLANT

Life Biosciences Inc. see TUCKER, S.
(21) 2024266873

(71) LINEAGE LOGISTICS, LLC
(21) 2024266828 (22) 22.11.2024
(54) AUTOMATED PALLET PROFILING

(71) Lotus Caravans Pty Ltd
(21) 2024266786 (22) 21.11.2024
(54) MOUNTS FOR PANELS OR THE LIKE AND METHOD OF MANUFACTURING MOUNTS

(71) Lovász, S.; Rényi, G.; Giber, J.
(21) 2024266755 (22) 21.11.2024
(54) Modular built medical device for helping self-catheterization and/or instillation of drug-solutions into the bladder in female patients

Luxford, A. see Finlan, E.
(21) 2024266890

(71) M and J Mining (Pty) Ltd; VVK Engineering (Pty) Ltd; Garock Pty Ltd
(21) 2024266823 (22) 22.11.2024
(54) Rock Bolt

MARCUCCIO, S.M. see TUCKER, S.
(21) 2024266873

(71) MARKS (AUS) PTY LTD
(21) 2024266876 (22) 25.11.2024
(54) Insitu sprinkler pipe penetration for balcony sprinklers

(71) Meso Scale Technologies, LLC
(21) 2024266899 (22) 26.11.2024
(54) ASSAY APPARATUSES, CONSUMABLES AND METHODS

(71) Metabolic Technologies, Inc.
(21) 2024266783 (22) 21.11.2024
(54) Compositions and methods of use of β -hydroxy- β -methylbutyrate (HMB) for

modulating autophagy and lipophagy and lipophagy
(62) 2022246406

Metabolic Technologies, Inc. see Texas Tech University of Research Commercialization
(21) 2024266880

(71) Monsanto Technology LLC
(21) 2024266761 (22) 21.11.2024
(54) Systems and methods for use in identifying multiple genome edits and predicting the aggregate effects of the identified genome edits

(71) MyoKardia, Inc.
(21) 2024266781 (22) 21.11.2024
(54) 4-methylsulfonyl-substituted piperidine urea compounds for the treatment of dilated cardiomyopathy (DCM)

(71) Myst Enterprise Limited
(21) 2024266769 (22) 21.11.2024
(54) IMPROVED TOILET FOR CAMPERVAN OR CARAVAN

(71) NextCure, Inc.
(21) 2024266711 (22) 20.11.2024
(54) ANTIBODIES FOR SIGLEC-15 AND METHODS OF USE THEREOF

(71) NextCure, Inc.
(21) 2024266712 (22) 20.11.2024
(54) ANTIBODIES FOR SIGLEC-15 AND METHODS OF USE THEREOF

(71) Nextracker LLC
(21) 2024266794 (22) 22.11.2024
(54) Systems for & Methods of Positioning Solar Panels in an Array of Solar Panels with Spectrally Adjusted Irradiance Tracking

(71) Niagara Bottling, LLC
(21) 2024266722 (22) 20.11.2024
(54) Swirl bell bottle with wavy ribs

(71) Nunhems Netherlands B.V.
(21) 2024266810 (22) 22.11.2024
(54) Lettuce variety NUN 01320 LTL

(71) OptiBiotix Limited
(21) 2024266764 (22) 21.11.2024
(54) Prebiotic Compositions and Methods of Production Thereof

(71) Owens-Brockway Glass Container Inc.
(21) 2024266846 (22) 25.11.2024

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(54) Three-dimensional printing on glass containers

(71) Owens-Brockway Glass Container Inc.
(21) 2024266848 (22) 25.11.2024
(54) Three-dimensional printing on glass containers

(71) Pesense Pty L td
(21) 2024266881 (22) 26.11.2024
(54) Pest Detection

(71) Pharmacyclics LLC
(21) 2024266757 (22) 21.11.2024
(54) The use of inhibitors of Bruton's tyrosine kinase (Btk)

(71) Pilbara Conveyor Supplies Pty Ltd
(21) 2024266733 (22) 20.11.2024
(54) Blade assembly

(71) Pound, R.
(21) 2024266830 (22) 22.11.2024
(54) Fixed-Range Transformations for Cryptographic Key Generation

(71) Rady Children's Hospital Research Center
(21) 2024266782 (22) 21.11.2024
(54) Method and system for rapid genetic analysis

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(21) 2024266755

(71) Research Institute At Nationwide Children's Hospital
(21) 2024266707 (22) 19.11.2024
(54) Adeno-Associated Virus Vector Delivery Of Muscle Specific Micro-Dystrophin To Treat Muscular Dystrophy

(71) Revolution Medicines, Inc.
(21) 2024266705 (22) 19.11.2024
(54) METHODS AND REAGENTS FOR ANALYZING PROTEIN-PROTEIN INTERFACES

(71) ROBERSON, W.
(21) 2024266795 (22) 22.11.2024
(54) Safety improvements for high jump systems

(71) Royal Melbourne Institute of Technology
(21) 2024266798 (22) 22.11.2024
(54) POROUS GRAPHENE-BASED FILMS AND PROCESSES FOR PREPARING THE FILMS

(71) RUGABUB PTY LTD
(21) 2024266832 (22) 23.11.2024
(54) System for Magnetic Stuffed Kangaroo Dolls Holding Hands and Interacting with Custom Accessories

(71) SALARIA, D.K.
(21) 2024266772 (22) 21.11.2024
(54) SELF TESTING FLANGE

(71) Samsonite IP Holdings S.à.r.l.
(21) 2024266895 (22) 26.11.2024
(54) A LUGGAGE CASE WITH SNAP-FIT FRONT POCKET OR OTHER COMPONENT

(71) Sanexen Services Environnementaux Inc.
(21) 2024266862 (22) 25.11.2024
(54) SYSTEMS AND METHODS FOR REHABILITATION OF WATER CONDUITS AND OTHER CONDUITS

(71) Seattle Children's Hospital (DBA Seattle Children's Research Institute)
(21) 2024266824 (22) 22.11.2024
(54) Expression of FOXP3 in edited CD34+ cells

(71) Seattle Children's Hospital (DBA Seattle Children's Research Institute)
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(54) Expression of human FOXP3 in gene edited T cells

(71) SENSE2 PTY LTD
(21) 2024266835 (22) 24.11.2024
(54) Advanced Hybrid Photonic-Neuromorphic Processor Architecture

(71) Shenzhen Porshealth Bioengineering Co., Ltd.
(21) 2024266790 (22) 22.11.2024
(54) STRAIN OF PEDIOCOCCUS ACIDILACTICI WITH FUNCTION OF TREATING ULCERATIVE COLITIS AND APPLICATION THEREOF

(71) Shin-Etsu Chemical Co., Ltd.; SHINSHU UNIVERSITY
(21) 2024266797 (22) 22.11.2024
(54) Method for producing Y2Ti2O5S2

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(71) SK Innovation Co., Ltd.
(21) 2024266838 (22) 25.11.2024

(54) AMMONIA SYNTHESIS SYSTEM

(71) SK Innovation Co., Ltd.
(21) 2024266839 (22) 25.11.2024
(54) MIXED GAS DISTRIBUTION SYSTEM AND AMMONIA SYNTHESIS SYSTEM COMPRISING MIXED GAS DISTRIBUTION SYSTEM

(71) SK Innovation Co., Ltd.
(21) 2024266840 (22) 25.11.2024
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(71) SK Innovation Co., Ltd.
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(54) AMMONIA SYNTHESIS SYSTEM INCLUDING CATALYST BED CONTAINING MICROWAVE REACTIVE CATALYST MIXTURE

(71) SK Innovation Co., Ltd.
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(54) AMMONIA SYNTHESIS SYSTEM AND ITS OPERATION METHOD

(71) SK Innovation Co., Ltd.
(21) 2024266843 (22) 25.11.2024
(54) AMMONIA SYNTHESIS SYSTEM AND OPERATION METHOD THEREOF

(71) SK Innovation Co., Ltd.
(21) 2024266844 (22) 25.11.2024
(54) AMMONIA SYNTHESIS SYSTEM AND ITS OPERATION METHOD

(71) SK Innovation Co., Ltd.
(21) 2024266849 (22) 25.11.2024
(54) AMMONIA SYNTHESIS SYSTEM AND OPERATION METHOD THEREOF

(71) SK Innovation Co., Ltd.
(21) 2024266852 (22) 25.11.2024
(54) MIXED GAS DISTRIBUTION PLATE FOR AMMONIA SYNTHESIS REACTOR AND AMMONIA SYNTHESIS SYSTEM INCLUDING THE SAME

(71) SK Innovation Co., Ltd.
(21) 2024266853 (22) 25.11.2024
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(71) SK Innovation Co., Ltd.
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(71) SMALL, W.K.
(21) 2024266871 (22) 25.11.2024

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(71) XGS ENERGY, INC.
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(71) Zimmer, Inc.
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2024266846	Owens-Brockway Glass Container Inc.
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2024266848	Owens-Brockway Glass Container Inc.
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2024266851	DEKA Products Limited Partnership
2024266852	SK Innovation Co., Ltd.
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2024266870	Tonix Pharma Holdings Limited
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Applications listed below were processed through the Patent Office Canberra during the period ending 19 Nov 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Phoenix Industries Pty Ltd
(21) 2024100043 **(22)** 25.11.2024
(54) A plumbing assembly
(62) 2019370620

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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)
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- 8 Application Lapsed Reg. 3.4(6)
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- 14 Patent Ceased Section 143(a), or Expired
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- A Applications on which examination has not been requested or directed
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2014201241 (14) 2014202373 (14) 2014202517 (14)
 2014202531 (14) 2014203461 (14) 2014210611 (14)
 2014262385 (14) 2014262658 (14) 2014262838 (14)

2014263279 (14)	2014263291 (14)	2014263392 (14)	2019275314 (4C)	2019283977 (12C)	2019285846 (25D)
2014264262 (14)	2014264441 (14)	2014264551 (14)	2019300169 (5C)	2019302312 (25D)	2019313477 (5C)
2014264650 (14)	2014265644 (14)	2014267466 (14)	2019381637 (14)	2019468057 (12C)	2019477015 (1B)
2014267490 (14)	2014283774 (14)	2014308182 (14)	2019477041 (1B)	2019477107 (1B)	
2014343147 (14)	2014381131 (14)	2014381132 (14)			
2014393337 (14)	2014393558 (14)				
2015			2020		
2015200915 (14)	2015201196 (14)	2015202441 (14)	2020100719 (22E)	2020200046 (14)	2020201425 (14)
2015202481 (14)	2015202501 (14)	2015205872 (14)	2020203028 (4B)	2020203046 (4B)	2020203058 (4A)
2015255243 (14)	2015255305 (14)	2015256728 (14)	2020203072 (14)	2020203073 (4A)	2020203076 (4A)
2015257479 (14)	2015257693 (14)	2015259280 (14)	2020203077 (4A)	2020203091 (4A)	2020203123 (14)
2015259305 (14)	2015259460 (14)	2015259533 (14)	2020203199 (4C)	2020204045 (14)	2020204202 (14)
2015261009 (14)	2015261364 (14)	2015264559 (14)	2020210294 (14)	2020239659 (14)	2020250268 (14)
2015264860 (14)	2015267488 (14)	2015268600 (14)	2020267495 (14)	2020267655 (4B)	2020267672 (14)
2015275191 (14)	2015394532 (14)		2020268418 (4B)	2020268879 (4C)	2020268933 (14)
			2020270021 (4B)	2020270065 (4B)	2020270167 (4C)
			2020273511 (14)	2020273724 (4B)	2020274505 (4B)
			2020275763 (4C)	2020275946 (4C)	2020276220 (4B)
			2020276560 (4C)	2020277024 (4D)	2020281013 (1B)
2016			2020281023 (1B)	2020281051 (1B)	2020281062 (1B)
2016101996 (22)	2016101997 (22)	2016102005 (22)	2020281144 (1B)	2020281154 (1B)	2020281156 (1B)
2016102007 (22)	2016102459 (22)	2016102481 (22)	2020282288 (4B)	2020305365 (4B)	2020310810 (14)
2016200060 (14)	2016201524 (14)	2016202996 (14)	2020334595 (14)	2020335015 (14)	2020351574 (4B)
2016204484 (14)	2016256901 (14)	2016258179 (14)	2020391030 (5C)	2020394766 (1B)	2020394879 (1B)
2016259723 (14)	2016259815 (14)	2016260293 (14)	2020394885 (1B)	2020394888 (1B)	2020394893 (1B)
2016260790 (14)	2016261226 (14)	2016261453 (14)	2020394907 (1B)	2020394913 (1B)	2020394993 (1B)
2016261487 (14)	2016261850 (14)	2016262092 (14)	2020395113 (1B)	2020395117 (1B)	2020395136 (1B)
2016262100 (14)	2016262107 (14)	2016322709 (14)	2020395154 (1B)	2020395158 (1B)	2020395163 (1B)
2016406203 (14)			2020395314 (1B)	2020395315 (1B)	2020395318 (1B)
			2020395319 (1B)	2020395486 (1B)	2020395783 (1B)
2017			2020395837 (1B)	2020395845 (1B)	2020395888 (1B)
2017101276 (22)	2017202303 (14)	2017203235 (14)	2020395977 (1B)	2020396097 (1B)	2020396100 (1B)
2017261655 (14)	2017261741 (14)	2017261847 (14)	2020396102 (1B)	2020396138 (1B)	2020396158 (1B)
2017262408 (4C)	2017263253 (14)	2017263347 (14)	2020396190 (1B)	2020396204 (1B)	2020396283 (1B)
2017263563 (4C)	2017263569 (14)	2017265469 (14)	2020396370 (1B)	2020396377 (1B)	2020396471 (1B)
2017286852 (14)	2017382126 (14)	2017413746 (14)	2020396543 (1B)	2020396785 (1B)	2020396794 (1B)
			2020396809 (25D)	2020396830 (1B)	2020396868 (1B)
2018			2020396889 (1B)	2020396918 (1B)	2020396955 (1B)
2018100064 (22G)	2018100594 (22E)	2018101779 (22)	2020396962 (1B)	2020397041 (1B)	2020397117 (1B)
2018200493 (14)	2018200502 (14)	2018200530 (14)	2020397165 (1B)	2020397180 (1B)	2020397215 (1B)
2018201736 (14)	2018202845 (14)	2018203165 (14)	2020397229 (1B)	2020397429 (1B)	2020397496 (1B)
2018203239 (14)	2018203782 (14)	2018208629 (5C)	2020397614 (1B)	2020397728 (1B)	2020397799 (1B)
2018218844 (25D)	2018241191 (5C)	2018256626 (14)	2020397941 (1B)	2020397953 (1B)	2020398072 (1B)
2018258580 (5C)	2018264033 (14)	2018264132 (5C)	2020398170 (1B)	2020398192 (1B)	2020398223 (1B)
2018264996 (4C)	2018265022 (4C)	2018265211 (14)	2020398658 (1B)	2020398812 (1B)	2020398874 (1B)
2018265534 (4C)	2018265566 (14)	2018265765 (4C)	2020401457 (1B)	2020427613 (14)	2020447274 (4A)
2018265860 (14)	2018266131 (14)	2018266145 (4C)			
2018266248 (14)	2018266698 (4C)	2018266819 (4C)	2021		
2018267051 (4C)	2018273712 (14)	2018273729 (4C)	2021102389 (22E)	2021102391 (22E)	2021102404 (22F)
2018286434 (14)	2018286606 (5C)	2018287392 (14)	2021102428 (22E)	2021102430 (22E)	2021102454 (22E)
2018353984 (5C)	2018355544 (5C)	2018369683 (5C)	2021102457 (22E)	2021102473 (22E)	2021102486 (22E)
2018374832 (5C)	2018385426 (5C)	2018387158 (5C)	2021200360 (5C)	2021200758 (1B)	2021201589 (14)
2018388342 (5C)	2018390330 (5C)		2021201755 (14)	2021203190 (14)	2021203809 (14)
			2021203868 (5C)	2021204115 (5C)	2021204276 (4C)
2019			2021204797 (4C)	2021221584 (5C)	2021221612 (5C)
2019100071 (22)	2019100264 (22)	2019100504 (22E)	2021228653 (5C)	2021254827 (5C)	2021255781 (5C)
2019101551 (21F)	2019101762 (22)	2019200727 (14)	2021256285 (5C)	2021257420 (1B)	2021259651 (5C)
2019201180 (5C)	2019203193 (14)	2019203201 (14)	2021265849 (5C)	2021284100 (5C)	2021297099 (5C)
2019203231 (4C)	2019203254 (4C)	2019203306 (14)	2021319045 (5C)	2021327946 (5C)	2021330219 (5C)
2019204985 (14)	2019206712 (5C)	2019207488 (5C)	2021345075 (25D)	2021374066 (25D)	2021433515 (25D)
2019207491 (5C)	2019207555 (5C)	2019208501 (5C)			
2019209440 (5C)	2019209962 (5C)	2019212778 (5C)	2022		
2019212782 (5C)	2019213290 (5C)	2019215250 (5C)	2022100031 (22)	2022100194 (22)	2022200061 (5C)
2019216336 (5C)	2019221837 (25D)	2019221869 (5C)	2022201791 (4C)	2022202759 (5C)	2022204054 (4C)
2019222520 (5C)	2019224136 (5C)	2019226671 (5C)	2022204755 (4C)	2022206692 (5C)	2022206794 (25D)
2019229890 (5C)	2019239340 (5C)	2019244695 (5C)	2022215269 (4C)	2022221440 (5C)	2022224724 (5C)
2019248875 (5C)	2019262084 (5C)	2019262693 (4C)	2022228203 (5C)	2022231692 (5C)	2022231713 (5C)
2019262695 (4C)	2019264904 (4C)	2019264992 (4C)	2022231729 (4C)	2022235561 (5C)	2022241499 (5C)
2019265299 (4C)	2019265560 (4C)	2019265856 (4C)	2022241552 (5C)	2022246377 (4C)	2022246479 (5C)
2019266275 (4C)	2019266491 (4C)	2019266550 (4C)	2022259722 (5C)	2022263553 (5C)	2022263578 (5C)
2019266763 (4C)	2019266764 (4C)	2019266800 (14)	2022263905 (5C)	2022271430 (4C)	2022271448 (5C)
2019267545 (4C)	2019268195 (14)	2019269009 (4C)	2022271482 (5C)	2022291434 (25D)	2022291439 (5C)
2019269525 (4C)	2019270904 (4C)	2019271309 (4C)	2022291440 (5C)	2022291608 (5C)	
2019271312 (4C)	2019271995 (14)	2019274926 (4C)			

2023

2023200043 (5C) 2023200044 (5C) 2023200143 (5C)
 2023200278 (4C) 2023200629 (12A) 2023200742 (4C)
 2023200855 (4C) 2023200857 (5C) 2023200937 (4C)
 2023201115 (5C) 2023201177 (12A) 2023201797 (4C)
 2023202208 (4C) 2023208158 (4C) 2023214225 (5CN)
 2023237033 (4C) 2023903756 (12AN) 2023903758 (12AN)

2024

2024205648 (12C) 2024216492 (1B) 2024216516 (1B)
 2024216546 (1B) 2024219350 (1B) 2024219446 (1B)
 2024219583 (7CN) 2024219693 (7AN) 2024219718 (17N)
 2024219738 (7CN)

Assignments before Grant, Section 113

2018

2018295118 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; SystImmune, Inc. The application has been assigned to **SystImmune, Inc.**

2018295119 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; SystImmune, Inc. The application has been assigned to **SystImmune, Inc.**

2018392458 Civitas Therapeutics, Inc. The application has been assigned to **Merz Pharmaceuticals, LLC**

2018392461 Civitas Therapeutics, Inc. The application has been assigned to **Merz Pharmaceuticals, LLC**

2019

2019237543 Vista Outdoor Operations LLC The application has been assigned to **Revelyst Operations LLC**

2019380294 Civitas Therapeutics, Inc. The application has been assigned to **Merz Pharmaceuticals, LLC**

2019438802 Spear Power Systems, Inc. The application has been assigned to **Blue Origin Alabama, LLC**

2020

2020332559 Clear Solutions (Holdings) Limited The application has been assigned to **AI Fluids Limited**

2020399185 D-Fly Group Ltd The application has been assigned to **D-Fly Global IP Limited**

2021

2021231712 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; SystImmune, Inc. The application has been assigned to **SystImmune, Inc.**

2021238341 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; SystImmune, Inc. The application has been assigned to **SystImmune, Inc.**

2021249524 Hazy Limited The application has been assigned to **SAS INSTITUTE INC.**

2021289927 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The application has been assigned to **SystImmune, Inc.**

2021344531 SystImmune, Inc.; Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The application has been assigned to **SystImmune, Inc.**

Assignments before Grant, Section 113

2021396290 NATIONAL UNIVERSITY HOSPITAL (SINGAPORE) PTE LTD The application has been assigned to **NATIONAL UNIVERSITY HOSPITAL (SINGAPORE) PTE LTD; IRNOVATE PTE LTD**

2021397638 NATIONAL UNIVERSITY HOSPITAL (SINGAPORE) PTE LTD The application has been assigned to **NATIONAL UNIVERSITY HOSPITAL (SINGAPORE) PTE LTD; IRNOVATE PTE LTD**

2022

2022201441 RADIUS PHARMACEUTICALS, INC. The application has been assigned to **FRESH CUT DEVELOPMENT, LLC**

2022417068 AMI HOLDINGS LIMITED The application has been assigned to **BUMBLE IP HOLDCO LLC**

2022465135 CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED The application has been assigned to **Contemporary Amperex Technology (Hong Kong) Limited**

2023

2023201990 Civitas Therapeutics, Inc. The application has been assigned to **Merz Pharmaceuticals, LLC**

2023206836 LITTLE, Stephen; RISLEY, Michael D.; MASON, Joanne N.; ROUSSEAU, Francois The application has been assigned to **YourGene Health Canada Inc.**

2023231217 SANOFI-AVENTIS U.S. LLC; CHIRON BLONDEL, Marielle; DESJONQUERES, Alexandre; KLIPPEL, Zandra Karina; MELONI, Marco; VIRONE-ODDOS, Angela The application has been assigned to **SANOFI-AVENTIS U.S. LLC**

2023255287 Carbo Culture, Inc.; CARSTENS, Christopher; DUFAUX, Douglas P. The application has been assigned to **Carbo Culture, Inc.**

2023285718 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The application has been assigned to **SystImmune, Inc.**

2023286018 Printed Energy Pty Ltd The application has been assigned to **RABIN WORLDWIDE, INC.**

2024

2024203326 L/N Health and Beauty ApS The application has been assigned to **neubourg skin care GmbH**

2024205484 SystImmune, Inc.; Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The application has been assigned to **SystImmune, Inc.**

2024205487 SystImmune, Inc.; Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The application has been assigned to **SystImmune, Inc.**

2024216288 Vista Outdoor Operations LLC The application has been assigned to **Revelyst Operations LLC**

2024216297 Vista Outdoor Operations LLC The application has been assigned to **Revelyst Operations LLC**

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.

2010

2010217190 **Mayne Pharma LLC** An application to extend the time from 24 Feb 2024 to 24 Sep 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd 1 Nicholson St Melbourne VIC 3000 AU

2016

2016364907 **Minnetronix, Inc.** An application to extend the time from 02 Dec 2023 to 02 Dec 2024 in which to pay a renewal fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Applications Allowed - Section 223(2)**2006**

2006348721 **Jeiko Innovations Oy** The time in which to pay a renewal fee has been extended to 01 Jul 2024 . Address for service - Quickloader Australia Pty Ltd 18 North St Woombah NSW 2469 AU

2018

2018335260 **MiTek Corp., Inc.** The time in which to pay a continuation fee and gain acceptance has been extended to 18 Jan 2025 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2019

2019219804 **King, W.M.** The time in which to request examination has been extended to 29 Nov 2024 . Address for service - FLATLINE COURIERS Wayne King PO Box 241 Landsborough QLD 4550 AU

2019279983 **IDEMIA France** The time in which to request examination has been extended to 19 Jun 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2020

2020100769 **Smart Infrastructure Asset Management Australia Research and Development Pty Ltd** The time in which to pay a renewal fee has been extended to 19 Aug 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020200749 **Linked Group Services Pty Ltd** The time in which to pay a continuation fee has been extended to 31 Aug 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022202376 **Tableau Software, Inc.** The time in which to pay a renewal fee has been extended to 01 Jul 2024 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2022430750 **ANHUI ANHUA MACHINERY TECHNOLOGY CO., LTD.** The time in which to enter the National Phase has been extended to 10 Oct 2024 . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

Extensions of Time, Section 223**2023**

2023204152 **MiTek Corp., Inc.** The time in which to pay a continuation fee and to request examination has been extended to 11 Jul 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2023230182 **FUNDACION PARA LA INVESTIGACION MEDICA APPLICADA** The time in which to enter the National Phase has been extended to 07 Nov 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2024

2024202026 **Mosaic Materials, Inc.** The time in which to claim the convention priority date has been extended to 04 Apr 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2024205691 **The University of Akron** The time in which to make a further application for a divisional patent has been extended to 26 Aug 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2024205832 **Koloma, Inc.** The time in which to extend the grace period has been extended to 27 Aug 2024 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

Amendments**Applications for Amendment**

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

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

2012

2012294959 Conduit connector for a patient breathing device **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2024 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2017

2017336249 Dosage regimen for a controlled-release PTH compound **Ascendis Pharma Bone Diseases A/S** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2024 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017371069 Bismuth-gadolinium nanoparticles **The Brigham and Women's Hospital, Inc. ; Université Claude Bernard Lyon 1 ; NH TherAguix ; Centre national de la recherche scientifique** The nature of the amendment is as shown in the statement(s) filed 21 Nov 2024 . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2019

2019267105 Novel sulfonamide derivatives having selective Nox inhibiting activity **Glucox Biotech AB** The nature of the amendment

Amendments

is as shown in the statement(s) filed 07 Nov 2024 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2019267680 Methods and compositions for the treatment of hepatitis b infection **Melbourne Health** The nature of the amendment is as shown in the statement(s) filed 05 Nov 2024 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019336760 Termite repellent and wood protector **D'Amico , B.M. ; D'Amico Jr. , F.J.** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2024 . Address for service - Origin Patent and Trade Mark Attorneys P O Box 106775 Auckland UNKNOWN 1143 NZ

2020

2020333519 Hand holdable light having an ergonomic grip and a battery assembly therefor **Streamlight, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Nov 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021223184 Escherichia coli compositions and methods thereof **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2024 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2022

2022202309 FEMALE PART, RETAINING DEVICE AND PIN SYSTEM FOR EXCAVATORS AND THE LIKE **Metalogenia Research & Technologies S.L.** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2024 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

2022214582 BENZOTHAZOLE AND BENZIMIDAZOLE DERIVATIVES, PHARMACEUTICALLY ACCEPTABLE SALT THEREOF, PREPARATION METHOD THEREFOR, AND PHARMACEUTICAL COMPOSITION COMPRISING SAME AS ACTIVE INGREDIENT **KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022223569 PRIMER FOR FIREARMS AND OTHER MUNITIONS **SPECTRE MATERIALS SCIENCES, INC.** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2024 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2022272575 PHARMACEUTICAL COMPOSITION **NANJING CHUANGTE PHARMACEUTICAL TECHNOLOGY CO., LTD** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2022291627 Touch input device and method **PayPal, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Nov 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022377166 REAL TIME DOWNHOLE WATER CHEMISTRY AND USES **CONOCOPHILLIPS COMPANY** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2024 . Address for

Amendments

service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

Amendments Made

2017

2017232196 **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement filed 25 Jun 2024

2018

2018252745 **Kao Corporation** The nature of the amendment is as shown in the statement filed 19 Jul 2024

2018371168 **Torqur AG** The nature of the amendment is as shown in the statement filed 21 Aug 2024

2019

2019262117 **Insmed Incorporated** The nature of the amendment is as shown in the statement filed 14 Aug 2024

2019349565 **University of Maryland, Baltimore County** The nature of the amendment is as shown in the statement filed 01 Aug 2024

2020

2020206777 **THE REGENTS OF THE UNIVERSITY OF MICHIGAN; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** The nature of the amendment is: Amend the name of the inventor to read TUSZYNSKI, Mark H.; SAKAMOTO, Jeffrey S.; PAWELEC, Kendell M.; KOFFLER, Yacov; SAILOR, Michael and ZUIDEMA, Jonathan

2020220135 **GW Research Limited** The nature of the amendment is as shown in the statement filed 05 Jul 2024

2020274774 **BGI Shenzhen; MGI Tech Co., Ltd.** The nature of the amendment is as shown in the statement filed 27 Aug 2024

2020319085 **ExoAnalytic Solutions, Inc.** The nature of the amendment is as shown in the statement filed 25 Jul 2024

2021

2021302188 **Sichuan Gooddoctor Panxi Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement filed 31 Jul 2024

2022

2022201830 **Smith & Nephew plc** The nature of the amendment is as shown in the statement filed 22 Aug 2024

2022321849 **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)** The nature of the amendment is: Amend the invention title to read Handling of medium access control (MAC) entity during secondary cell group (SCG) deactivation/reactivation

2022357237 **SOCIETE DES PRODUITS NESTLE S.A.** The nature of the amendment is: Amend the name of the inventor to read Nordqvist, David; Doleac, Frédéric; Croisier, Emmanuel; Schick, Michael Bernhard; Lohmann, Jerome; Witt, Timo Benjamin and Bloss, Frank

Amendments

2022363636 **PROCORE TECHNOLOGIES, INC.** The nature of the amendment is: Amend the name of the inventor to read SOLTANI, Mohammad; MIRAHADI, Farid; YAZDAN PANAH GOHAR RIZI, Azadeh and LIU, Fiona

2023

2023202418 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022259783

2023202646 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022259783

2023203178 **Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022259783

2023203325 **Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2022259783

2023258900 **SK BIOSCIENCE CO., LTD.** The nature of the amendment is: Amend the invention title to read Chimeric Zika virus anticancer vaccine

2023263905 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery container and energy storage system including the same

2023267447 **TOOLGEN INCORPORATED** The nature of the amendment is as shown in the statement filed 13 Nov 2024

2023270917 **BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Connector, end effector device and sorting device

2023272141 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read PHYSICAL LAYER PROTOCOL DATA UNIT-BASED COMMUNICATION METHOD AND APPARATUS

2023272582 **EINSTED CORPORATION** The nature of the amendment is: Amend the invention title to read Artificial intelligence system, device, and method for greenhouse gas capturing and conversion

2023277524 **DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.** The nature of the amendment is: Amend the invention title to read Information Processing Method, Device and Storage Medium

2023285530 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read Zn-Al-Mg-Based Hot-Dip Plated Steel Sheet

2023288274 **NIPPON STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD OF MANUFACTURING WELDED JOINTWELDED JOINT, WELDED JOINT, METHOD OF DESIGNING LOW-TEMPERATURE LIQUEFIED GAS TANKLOW-TEMPERATURE LIQUEFIED GAS TANK, AND LOW-TEMPERATURE LIQUEFIED GAS TANK

2023299966 **HILTI AKTIENGESSELLSCHAFT** The nature of the amendment is: Amend the invention title to read Metal drill bit and method

Amendments

2024

2024200385 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2023201205

2024200385 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2023200086

2024201887 **Matterport, Inc.** The nature of the amendment is as shown in the statement filed 26 Aug 2024

2024204058 **Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2021252607

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

2006

2006206010 swissauto powersport llc The name of the patentee has been altered to **Polaris Technology Center Burgdorf GmbH**

2008

2008342545 swissauto powersport llc The name of the patentee has been altered to **Polaris Technology Center Burgdorf GmbH**

2009

2009324187 Syngenta Participations AG The name of the patentee has been altered to **Syngenta Crop Protection AG**

2015

2015211011 SA Photonics, Inc. The name of the patentee has been altered to **CACI Photonics, LLC**

2015211019 SA Photonics, Inc. The name of the patentee has been altered to **CACI Photonics, LLC**

2016

2016311179 SA Photonics, Inc. The name of the patentee has been altered to **CACI Photonics, LLC**

2018

2018200244 Pargroup Engineering The name of the applicant has been altered to **Pargroup Engineering Pty Ltd**

2018204529 Pamgo Solutions Limited The name of the patentee has been altered to **Bastion Project Limited**

2018284101 Les Laboratoires Servier The name of the patentee has been altered to **Les Laboratoires Servier**

2018284104 Les Laboratoires Servier The name of the patentee has been altered to **Les Laboratoires Servier**

2018360827 Les Laboratoires Servier The name of the patentee has been altered to **Les Laboratoires Servier**

2019

2019229387 FIMCIM S.p.A. The name of the applicant has been altered to **CIMBERIO HOLDING S.r.l**

Amendments

2019252793 Sumitomo Pharma Oncology, Inc. The name of the applicant has been altered to **Sumitomo Pharma America, Inc.**

2019299352 Les Laboratoires Servier The name of the applicant has been altered to **Les Laboratoires Servier**

2019385477 Enanta Pharmaceuticals, Inc. The name of the applicant has been altered to **ENANTA PHARMACEUTICALS, INC**

2019421123 Position Partners Pty Ltd The name of the applicant has been altered to **Aptella Pty Ltd**

2020

2020200923 SA Photonics, Inc. The name of the patentee has been altered to **CACI Photonics, LLC**

2020221247 Sumitomo Pharma Oncology, Inc. The name of the applicant has been altered to **Sumitomo Pharma America, Inc.**

2020240024 Enanta Pharmaceuticals, Inc. The name of the applicant has been altered to **ENANTA PHARMACEUTICALS, INC**

2020357452 Enanta Pharmaceuticals, Inc. The name of the applicant has been altered to **ENANTA PHARMACEUTICALS, INC**

2021

2021325233 Rejukon Biopharm Inc. The name of the patentee has been altered to **RJK Biopharma Ltd.**

2021381454 PLUG ZEN, LLC The name of the applicant has been altered to **Plug Zen Inc.**

2022

2022388751 TECTONIC THERAPEUTIC, INC. The name of the applicant has been altered to **Tectonic Operating Company, Inc.**

2023

2023219998 METRO NORTH HOSPITAL AND HEALTH SERVICES The name of the applicant has been altered to **Metro North Hospital and Health Service**

2023235902 BIRDIE LOVE LLC The name of the applicant has been altered to **Birdie Love Inc.**

2023275488 ARRAY TECHNOLOGIES, INC. The name of the applicant has been altered to **ARRAY TECH, INC.**

2023280891 ARRAY TECHNOLOGIES, INC. The name of the applicant has been altered to **Array Tech, Inc.**

2023903281 Karl Dunbar The name of the applicant has been altered to **LK Management Pty Limited as trustee for The LYNK Trust**

2023903870 Monash University The name of the applicant has been altered to **Deakin University; Monash University**

Amendments

2023904175 Gramele Industrial Holdings Pty Ltd (wholly owned subsidiary of Recce Pharmaceuticals Ltd) The name of the applicant has been altered to **GRAMELE INDUSTRIAL HOLDINGS PTY LTD**

2024

2024203186 Les Laboratoires Servier The name of the applicant has been altered to **Les Laboratoires Servier**

2024220039 Zynherba Pharmaceuticals, Inc. The name of the applicant has been altered to **Harmony Biosciences Management, Inc.**

2024220102 Les Laboratoires Servier The name of the applicant has been altered to **Les Laboratoires Servier**

2024900919 Karl Dunbar The name of the applicant has been altered to **LK Management Pty Limited as trustee for The LYNK Trust**

2024902106 Karl Dunbar The name of the applicant has been altered to **LK Management Pty Limited as trustee for The LYNK Trust**

2024902455 Karl Dunbar The name of the applicant has been altered to **LK Management Pty Limited as trustee for The LYNK Trust**

2024902502 Karl Dunbar The name of the applicant has been altered to **LK Management Pty Limited as trustee for The LYNK Trust**

2024903185 Metro North Hospital and Health Services The name of the applicant has been altered to **Metro North Hospital and Health Service**

Applications Open to Public Inspection

Name Index

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

(71) 1005, LLC
 (11) AU-A-2024264622
 (21) 2024264622 (22) 13.11.2024
 (54) Breathable gas and water hose apparatus
 (51) Int. Cl.
 A62B 7/12 (2006.01)
 A62B 7/02 (2006.01)
 A62B 7/04 (2006.01)
 A62C 33/00 (2006.01)
 (43) 05.12.2024
 (62) 2019217365
 (72) REEDY, Pat J.
 (74) Allens Patent & Trade Mark Attorneys

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2024264561
 (21) 2024264561 (22) 12.11.2024
 (54) Focused sterilization and sterilized sub-assemblies for analyte monitoring systems
 (51) Int. Cl.
 A61B 5/145 (2006.01)
 (43) 05.12.2024
 (62) 2022204236
 (72) THOMAS, Christopher A.; PACE, Louis; PATEL, Dharmendra; DIPALMA, Vincent M.; RAO, Vivek S.; MITCHELL, Steven T.; LAMBERT, Byron J.; ROBINSON, Peter G.; VOIT, Peter M.; PUDJIJANTO, Stephen T.; SIMMONS, Matthew; WU, Hsuehchieh; LE, Vu H.; MANION, Johnathan D.; HARRIS, Christopher M.; NGUYEN, Tuan; PHILLIP, Carter W.; MCCANLESS, Jonathan D.; MEISSNER, Jörn
 (74) FPA Patent Attorneys Pty Ltd

(71) Abiomed, Inc.
 (11) AU-A-2024264636
 (21) 2024264636 (22) 14.11.2024
 (54) Integrated expandable access for medical device introducer
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 (43) 05.12.2024
 (62) 2018332888
 (72) FANTUZZI, Glen R.; SIESS, Thorsten
 (74) Davies Collison Cave Pty Ltd

(71) Acres Technology
 (11) AU-A-2024264647
 (21) 2024264647 (22) 14.11.2024
 (54) System for Trade-In Bonus
 (51) Int. Cl.
 A63F 13/00 (2014.01)

(43) 05.12.2024
 (62) 2023200326
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) Adobe Inc.
 (11) AU-A-2024201638
 (21) 2024201638 (22) 13.03.2024
 (54) NON-DESTRUCTIVE GENERATIVE IMAGE EDITING
 (51) Int. Cl.
 G06T 5/77 (2024.01)
 G06N 3/0475 (2023.01)
 G06T 5/60 (2024.01)
 G06V 10/70 (2022.01)
 (31) 63/503,057 (32) 18.05.23 (33) US
 18/329,058 05.06.23 US

(43) 05.12.2024
 (72) Cragg, Michael; Brown, Davis; Jefferson, Dana; Erickson, Alan
 (74) RnB IP Pty Ltd

(71) AgroSpheres, Inc.
 (11) AU-A-2024264598
 (21) 2024264598 (22) 13.11.2024
 (54) Compositions and methods for the encapsulation and scalable delivery of agrochemicals
 (51) Int. Cl.
 C12N 1/20 (2006.01)
 C12N 1/21 (2006.01)
 C12N 15/79 (2006.01)
 (43) 05.12.2024
 (62) 2018256925
 (72) Shakeel, Ameer Hamza; Zomorodi, Sepehr; Frank, Joseph Thomas; Davis, Zachery George; Pourtaheri, Payam
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2024203132
 (21) 2024203132 (22) 12.05.2024
 (54) APPARATUS AND PROCESS TO CONTROL PROVIDING PURIFIED WATER FOR HYDROGEN PRODUCTION
 (51) Int. Cl.
 C25B 15/08 (2006.01)
 C25B 1/04 (2021.01)
 C25B 15/02 (2021.01)
 (31) 18/198,868 (32) 18.05.23 (33) US
 (43) 05.12.2024
 (72) Wilson, Graeme Richard; Conway, Timothy Edward; Akhurst, Matthew William; Leslie, Fiona Victoria
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2024203133
 (21) 2024203133 (22) 12.05.2024
 (54) APPARATUS AND PROCESS TO CONTROL PROVIDING OF ELECTROLYZER WATER FOR HYDROGEN PRODUCTION
 (51) Int. Cl.
 C25B 15/02 (2021.01)
 C25B 1/04 (2021.01)
 (31) 18/198,872 (32) 18.05.23 (33) US
 (43) 05.12.2024
 (72) Wilson, Graeme Richard; Conway, Timothy Edward; Akhurst, Matthew William; Leslie, Fiona Victoria
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2024203134
 (21) 2024203134 (22) 12.05.2024
 (54) HIGH-POWER RECTIFICATION ARRANGEMENT FOR AN ELECTROLYSER SYSTEM
 (51) Int. Cl.
 H02M 7/28 (2006.01)
 (31) 18/197,802 (32) 16.05.23 (33) US
 (43) 05.12.2024
 (72) Fekriasl, Sajjad; Hashiesh, Fahd
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2024264635
 (21) 2024264635 (22) 14.11.2024
 (54) Maintaining context information between user interactions with a voice assistant
 (51) Int. Cl.
 G06Q 10/00 (2023.01)
 (43) 05.12.2024
 (62) 2023200803
 (72) CHEYER, Adam John; GUZZONI, Didier Rene; GRUBER, Thomas Robert; BRIGHAM, Christopher Dean; KITTLAUS, Dag; GIULI, Richard Donald; BASTEA-FORTE, Marcello; SADDLER, Harry Joseph; CHEN, Lik Harry
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2024264674
 (21) 2024264674 (22) 15.11.2024
 (54) Hysterectomy model
 (51) Int. Cl.
 G09B 23/28 (2006.01)
 (43) 05.12.2024
 (62) 2018368439
 (72) HOFSTETTER, Gregory K.; FERNANDEZ, Anysa
 (74) Griffith Hack

Applications Open to Public Inspection - Name Index cont'd

-
- (71) Arcellx, Inc.
 (11) AU-A-2024264685
 (21) 2024264685 (22) 15.11.2024
 (54) D-domain containing polypeptides and uses thereof
 (51) Int. Cl.
C12N 15/10 (2006.01)
A61K 35/17 (2015.01)
A61K 38/17 (2006.01)
C07K 16/00 (2006.01)
C12Q 1/00 (2006.01)
C40B 40/02 (2006.01)
 (43) 05.12.2024
 (62) 2018369639
 (72) HILBERT, David M.; SWERS, Jeffrey S.
 (74) Spruson & Ferguson
-
- (71) Aristocrat Technologies, Inc.
 (11) AU-A-2024201961
 (21) 2024201961 (22) 27.03.2024
 (54) CASINO PAYMENT SYSTEM AND METHOD WITH INTEROPERABILITY IN CASINO ENVIRONMENTS
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 18/375,015 (32) 29.09.23 (33) US
 63/502,622 16.05.23 US
 (43) 05.12.2024
 (72) NGUYEN, Binh; JACOBSON, Kristofor; HITEN, Charles
 (74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies, Inc.
 (11) AU-A-2024201962
 (21) 2024201962 (22) 27.03.2024
 (54) GUI FOR FEATURE GAME WITH HOLD-AND-SPIN FUNCTIONALITY AND ROAMING SELECTED SYMBOL POSITIONS
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 18/320,880 (32) 19.05.23 (33) US
 (43) 05.12.2024
 (72) Lockheed, Kelly
 (74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2024264664
 (21) 2024264664 (22) 14.11.2024
 (54) METHOD AND SYSTEM FOR DISPLAY ASSEMBLY HINGING
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 05.12.2024
 (62) 2022252712
 (72) SCHOONMAKER, Rena; URBAN, Bruce; MCKAY, Matthew; VOLOH, Noel; WAND, Robert; STRAHINIC, Gary
 (74) Griffith Hack
-
- (71) Ascendis Pharma Oncology Division A/S
 (11) AU-A-2024259730
 (21) 2024259730 (22) 05.11.2024
-
- (54) IL-2 conjugates
 (51) Int. Cl.
A61K 38/20 (2006.01)
A61K 47/60 (2017.01)
C07K 1/107 (2006.01)
 (43) 05.12.2024
 (62) 2019246389
 (72) SPROGØE, Kennett; RAU, Harald; KNAPPE, Thomas; BISEK, Nicola; LAUFER, Burkhardt
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) AstraZeneca UK Limited
 (11) AU-A-2024264724
 (21) 2024264724 (22) 18.11.2024
 (54) Systems and methods for dispensing a statin medication over the counter
 (51) Int. Cl.
G16H 10/20 (2018.01)
G16H 20/10 (2018.01)
G06Q 50/00 (2012.01)
 (43) 05.12.2024
 (62) 2023263537
 (72) SKELLY, Richard; FIROR, Judy; GUIGA, David; MONGAN, William; PRYBOLSKY, Robert; BLASETTO, James
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Automation Tech, LLC
 (11) AU-A-2024264653
 (21) 2024264653 (22) 14.11.2024
 (54) Modular cooking appliance having a grease shield
 (51) Int. Cl.
A47J 37/01 (2006.01)
A21B 1/00 (2006.01)
A21B 7/00 (2006.01)
F24C 15/14 (2006.01)
F24C 15/36 (2006.01)
 (43) 05.12.2024
 (62) 2021246429
 (72) MCKEE, Philip R.; VANLANEN, Lee
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Baker Hughes Oilfield Operations LLC
 (11) AU-A-2024264733
 (21) 2024264733 (22) 18.11.2024
 (54) Method for predicting behavior of a degradable device, downhole system and test mass
 (51) Int. Cl.
E21B 49/00 (2006.01)
E21B 47/01 (2012.01)
 (43) 05.12.2024
 (62) 2021263409
 (72) YOUNG, Aaron Edward; BARKER GOMEZ, Ricardo Arturo
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Barraket, R.
 (11) AU-A-2024203295
 (21) 2024203295 (22) 17.05.2024
 (54) TECHNOLOGY ADAPTED TO MONITOR AND SECURELY RETAIN DATA REPRESENTATIVE OF TRANSACTION ACTIVITY INVOLVING CLIENT DEVICES, INCLUDING PERSONAL INFORMATION TRANSACTIONS AND/OR FINANCIAL TRANSACTIONS
 (51) Int. Cl.
G06Q 20/38 (2012.01)
G06F 21/62 (2013.01)
G06Q 20/04 (2012.01)
G06V 30/14 (2022.01)
G06V 30/19 (2022.01)
G06N 20/00 (2019.01)
 (31) 2023901556 (32) 19.05.23 (33) AU
 (43) 05.12.2024
 (72) Barraket, Robert
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
-
- (71) Beijing Volcano Engine Technology Co., Ltd.
 (11) AU-A-2024203273
 (21) 2024203273 (22) 16.05.2024
 (54) Method, apparatus, device, and storage medium for permission management
 (51) Int. Cl.
G06F 21/10 (2013.01)
G06F 21/30 (2013.01)
G06F 21/50 (2013.01)
G06F 21/60 (2013.01)
G06Q 10/067 (2023.01)
G06Q 10/10 (2023.01)
 (31) 202310554413.3 (32) 16.05.23 (33) CN
 (43) 05.12.2024
 (72) Pang, Yunjie; Hou, Wenda; Li, Yonghai; Zhang, Dongming; Ke, Haijuan; Sun, Yunpeng; Zhong, Shihang
 (74) Griffith Hack
-
- (71) Bigfoot Biomedical, Inc.
 (11) AU-A-2024259740
 (21) 2024259740 (22) 05.11.2024
 (54) THERAPY DEVICES, METHODS, AND SYSTEMS INCLUDING A PISTON#STYLE DETECTOR
 (51) Int. Cl.
A61M 5/315 (2006.01)
A61B 5/145 (2006.01)
 (43) 05.12.2024
 (62) 2019263401
 (72) LOVE, John; LIVINGSTON, Adam Joseph; CROTHALL, George; JOHNSON, Jeffrey; MATARESE, Sarah
 (74) Dark IP
-
- (71) Blackhawk Network, Inc.
 (11) AU-A-2024264606
 (21) 2024264606 (22) 13.11.2024
 (54) System and method for facilitating a purchase transaction via a merchant's foreign website
 (51) Int. Cl.
G06Q 30/02 (2023.01)
G06Q 20/02 (2012.01)
G06Q 20/12 (2012.01)
G06Q 20/36 (2012.01)
 (43) 05.12.2024
 (62) 2023200057
 (72) Bennett, Andrew; Tate, David
 (74) Davies Collison Cave Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) BMSA ANCHORING SYSTEMS PTY LTD
 (11) AU-A-2024204164
 (21) 2024204164 (22) 15.05.2024
 (54) A STUMP
 (51) Int. Cl.
E02D 27/50 (2006.01)
E02D 5/74 (2006.01)
E02D 5/80 (2006.01)
E02D 27/12 (2006.01)
E02D 27/32 (2006.01)
E02D 27/42 (2006.01)
E04H 12/22 (2006.01)
E04H 17/22 (2006.01)
 (31) 2023901517 (32) 17.05.23 (33) AU
 (43) 05.12.2024
 (72) BARR, David Alexander
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024264753
 (21) 2024264753 (22) 19.11.2024
 (54) Devices for fluidization and delivering a powdered agent
 (51) Int. Cl.
A61M 31/00 (2006.01)
A61M 11/00 (2006.01)
A61M 13/00 (2006.01)
A61M 15/00 (2006.01)
B05B 7/14 (2006.01)
B05B 12/08 (2006.01)
B05B 15/55 (2018.01)
G05D 16/04 (2006.01)
 (43) 05.12.2024
 (62) 2019355852
 (72) PIC, Andrew; LAPLACA, Matthew; GOLDEN, Jennifer; RYAN, Shawn; KING, Joseph; SMITH, Amanda; GRIMSBY, Jessica; FAVREAU, John; LYDECKER, Lauren
 (74) Spruson & Ferguson

(71) Calbah Industries Pty Ltd
 (11) AU-A-2023203153
 (21) 2023203153 (22) 19.05.2023
 (54) FOLDING STAIRCASE
 (51) Int. Cl.
E04F 11/06 (2006.01)
E04F 11/025 (2006.01)
 (43) 05.12.2024
 (72) Baker, Chester
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Canon Kabushiki Kaisha
 (11) AU-A-2023203165
 (21) 2023203165 (22) 19.05.2023
 (54) FCVCM signalled decoder
 (51) Int. Cl.
H04N 19/70 (2014.01)
G06N 3/0464 (2023.01)
H04N 19/102 (2014.01)
H04N 19/30 (2014.01)
 (43) 05.12.2024
 (72) ROSEWARNE, Christopher James
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
 (11) AU-A-2023203168
 (21) 2023203168 (22) 19.05.2023
 (54) FCVCM complexity limits
 (51) Int. Cl.
H04N 19/70 (2014.01)
G06N 3/0464 (2023.01)
 (43) 05.12.2024
 (72) ROSEWARNE, Christopher James
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
 (11) AU-A-2023203172
 (21) 2023203172 (22) 19.05.2023
 (54) FCVCM flexible packing arrangement
 (51) Int. Cl.
H04N 19/169 (2014.01)
G06N 3/0464 (2023.01)
H04N 19/172 (2014.01)
H04N 19/18 (2014.01)
H04N 19/44 (2014.01)
H04N 19/50 (2014.01)
H04N 19/91 (2014.01)
H04N 19/96 (2014.01)
H04N 19/159 (2014.01)
 (43) 05.12.2024
 (72) ROSEWARNE, Christopher James
 (74) Spruson & Ferguson

(71) Canva Pty Ltd
 (11) AU-A-2024264612
 (21) 2024264612 (22) 13.11.2024
 (54) Systems and methods for processing designs
 (51) Int. Cl.
G06F 40/103 (2020.01)
G06F 16/383 (2019.01)
G06F 40/186 (2020.01)
 (43) 05.12.2024
 (62) 2023210536
 (72) NOTHMAN, Joel; PARKINSON, Sam Luke Fancourt; YILDIRIM, Gökhan
 (74) FPA Patent Attorneys Pty Ltd

(71) Canva Pty Ltd
 (11) AU-A-2024264621
 (21) 2024264621 (22) 13.11.2024
 (54) Systems and methods for processing designs
 (51) Int. Cl.
G06F 40/106 (2020.01)
G06F 16/383 (2019.01)
G06F 40/103 (2020.01)
 (43) 05.12.2024
 (62) 2023210539
 (72) PARKINSON, Sam Luke Fancourt; RASARATNAM, Shayan Harrish
 (74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.
 (11) AU-A-2023203152
 (21) 2023203152 (22) 19.05.2023
 (54) Hydraulic actuator for controlling operations of drilling machines
 (51) Int. Cl.

E21B 19/086 (2006.01)
E21B 7/02 (2006.01)
F15B 15/14 (2006.01)
 (43) 05.12.2024
 (72) Narayanan, Rameshkrishnan Lakshmi; S, Vignesh; Vedaraj, Anand Jason; Goslovich, Kurt Steven
 (74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
 (11) AU-A-2024202697
 (21) 2024202697 (22) 24.04.2024
 (54) OIL MAKE-UP SYSTEM WITH SI-PHON MITIGATION
 (51) Int. Cl.
F01M 1/12 (2006.01)
F01M 1/02 (2006.01)
F01M 11/00 (2006.01)
 (31) 18/320624 (32) 19.05.23 (33) US
 (43) 05.12.2024
 (72) DAVIS, Douglas E.; THAMODHARAN, Sudhakar; WILSON, Erik C.
 (74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR PAVING PRODUCTS INC.
 (11) AU-A-2024202947
 (21) 2024202947 (22) 03.05.2024
 (54) Non-rotating bit for cutting tool
 (51) Int. Cl.
E01C 23/088 (2006.01)
E01C 23/12 (2006.01)
E21C 35/197 (2006.01)
 (31) 18/320679 (32) 19.05.23 (33) US
 (43) 05.12.2024
 (72) MILLS, Ronald D.; CASTILLO, David; RHODE, Jeff; JOHNSON, Nicholas B.; BARNARD, Christopher; CARR, Robert; PARZYNSKI, Jr., David B.
 (74) FPA Patent Attorneys Pty Ltd

(71) Cell Cure Neurosciences Ltd.
 (11) AU-A-2024264609
 (21) 2024264609 (22) 13.11.2024
 (54) Retinal pigment epithelium cell compositions
 (51) Int. Cl.
A61F 9/00 (2006.01)
A61K 35/12 (2015.01)
A61K 35/30 (2015.01)
 (43) 05.12.2024
 (62) 2018393494
 (72) ROSENBERG, Belmaker Lior; WISER, Ofer; NETZER, Nir; HAYOUN NEE-MAN, Dana; SHAHAF, Bat; BOHANA KASHTAN, Osnat; GAMBURG, Orit
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) CFPH, LLC
 (11) AU-A-2024264641
 (21) 2024264641 (22) 14.11.2024
 (54) MULTI-DISPLAY COMPUTER TERMINAL SYSTEM
 (51) Int. Cl.
A63F 13/00 (2014.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 05.12.2024
 (62) 2022283657
 (72) Lutnick, Howard; Alderucci, Dean; Gelman, Geoffrey; Burman, Kevin
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) CHEP Technology Pty Limited
 (11) AU-A-2024264718
 (21) 2024264718 (22) 14.11.2024
 (54) SITE MATCHING FOR ASSET TRACKING
 (51) Int. Cl.
 G06Q 10/08 (2023.01)
 H04W 4/029 (2018.01)

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 (62) 2023200456
 (72) Chad Connors, Brian Lee
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Chongqing Changan Automobile Co., Ltd
 (11) AU-A-2024200043
 (21) 2024200043 (22) 03.01.2024
 (54) Orchestration Instruction Management Method And Apparatus, Electronic Device And Storage Medium
 (51) Int. Cl.
 G06F 8/61 (2018.01)
 B60K 35/00 (2006.01)
 G06F 3/01 (2006.01)
 G06F 9/06 (2006.01)
 H04L 41/5054 (2022.01)
 H04N 19/00 (2014.01)
 (31) 202310570237.2 (32) 19.05.23 (33) CN
 (43) 05.12.2024
 (72) GAN, Guochao
 (74) WRAYS PTY LTD

(71) Chongqing Changan Automobile Co., Ltd.
 (11) AU-A-2023285771
 (21) 2023285771 (22) 20.12.2023
 (54) Collection and transmission method of internet of vehicles data, vehicle cloud service platform, vehicle, and storage medium
 (51) Int. Cl.
 H04L 12/40 (2006.01)
 H04L 51/04 (2022.01)
 (31) 2023105599475 (32) 17.05.23 (33) CN
 (43) 05.12.2024
 (72) LAN, Wenliang; XIE, Lei; HUANG, Jun
 (74) Davies Collison Cave Pty Ltd

(71) Chongqing Changan Automobile Co., Ltd.
 (11) AU-A-2023285881
 (21) 2023285881 (22) 21.12.2023
 (54) Method and system for predicting power loss probability of vehicle, and cloud server
 (51) Int. Cl.
 G01R 31/382 (2019.01)
 (31) 2023105655634 (32) 18.05.23 (33) CN

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 (72) Wen, Tao; He, Wen; Zhang, Peng; Tang, Junhua; Cai, Jijia
 (74) Davies Collison Cave Pty Ltd

(71) Chromadex Inc.; The Queen's University Of Belfast
 (11) AU-A-2024259832
 (21) 2024259832 (22) 08.11.2024
 (54) EFFICIENT AND SCALABLE SYNTHESSES OF NICOTINOYL RIBOSIDES AND REDUCED NICOTINOYL RIBOSIDES, MODIFIED DERIVATIVES THEREOF, PHOSPHORYLATED ANALOGS THEREOF, ADENYLYL DINUCLEOTIDE CONJUGATES THEREOF, AND NOVEL CRYSTALLINE FORMS THEREOF
 (51) Int. Cl.
 C07H 19/048 (2006.01)
 A61K 31/455 (2006.01)
 A61K 31/706 (2006.01)
 C07H 1/00 (2006.01)

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 (62) 2024203216
 (72) Migaud, Marie Eugenie; Redpath, Philip; Crossey, Kerri; Cunningham, Richard; Erickson, Aron; Nygaard, Richard; Storzjohann, Amanda
 (74) PIPERS

(71) Cloud DX, Inc., A Corporation of Delaware
 (11) AU-A-2024264665
 (21) 2024264665 (22) 14.11.2024
 (54) Augmented reality systems for time critical biomedical applications
 (51) Int. Cl.
 G09G 5/00 (2006.01)
 (43) 05.12.2024
 (62) 2019243420
 (72) KAUL, Robert; KOHLI, Sandeep S.; WIDMAN, David; ROSS-HOWE, Sara
 (74) Spruson & Ferguson

(71) CRDC Global Limited
 (11) AU-A-2024264676
 (21) 2024264676 (22) 15.11.2024
 (54) Preconditioned resin aggregate
 (51) Int. Cl.
 B29B 9/12 (2006.01)
 B09B 3/00 (2022.01)
 B23B 9/10 (2006.01)

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 (62) 2019368544
 (72) THOMSON, Donald William
 (74) Spruson & Ferguson

(71) CROWN EQUIPMENT CORPORATION
 (11) AU-A-2024264681
 (21) 2024264681 (22) 15.11.2024
 (54) Systems and methods for supervising industrial vehicles via encoded vehicular objects shown on a mobile client device
 (51) Int. Cl.

G06Q 10/08 (2023.01)
 (43) 05.12.2024
 (62) 2022259726
 (72) CHANDRASEKAR, Kashyap; WALTZ, Lucas B.; WONG, Lisa
 (74) Griffith Hack

(71) DEFIANT ENGINEERING, LLC
 (11) AU-A-2024266704
 (21) 2024266704 (22) 19.11.2024
 (54) Axial LiDAR doppler analyzer
 (51) Int. Cl.
 G01F 1/00 (2022.01)
 G01F 1/66 (2022.01)
 G01P 5/26 (2006.01)
 G01P 3/36 (2006.01)

(43) 05.12.2024
 (62) 2023245669
 (72) GRIFFIN, Lawrence Gene; KEYES, Cullen C.
 (74) GLMR

(71) Diehl Metering S.A.S.
 (11) AU-A-2024202351
 (21) 2024202351 (22) 11.04.2024
 (54) Measuring device for a liquid meter and meter comprising such a measuring device
 (51) Int. Cl.
 G01F 15/12 (2006.01)
 B01D 29/17 (2006.01)
 G01F 3/08 (2006.01)
 (31) 2304849 (32) 16.05.23 (33) FR
 (43) 05.12.2024
 (72) DENNER, Bruno
 (74) Spruson & Ferguson

(71) Dolby Laboratories Licensing Corporation
 (11) AU-A-2024264637
 (21) 2024264637 (22) 14.11.2024
 (54) System and tools for enhanced 3D audio authoring and rendering
 (51) Int. Cl.
 H04S 3/00 (2006.01)
 H04S 7/00 (2006.01)

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 (62) 2023214301
 (72) Robinson, Charles Q.; Tsingos, Nicolas R.; Scharpf, Jurgen W.
 (74) Chrysilio IP

(71) DRAEGER SAFETY AG & CO. KGAA
 (11) AU-A-2024203042
 (21) 2024203042 (22) 08.05.2024
 (54) Gas detection device and gas detection process, which generate a warning and an alarm
 (51) Int. Cl.
 G08B 21/12 (2006.01)
 G08B 21/02 (2006.01)
 (31) 10 2023 112 716.0 (32) 15.05.23 (33) DE
 (43) 05.12.2024
 (72) WEICH, Rüdiger
 (74) Oxygene IP

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 (11) AU-A-2024264649
 (21) 2024264649 (22) 14.11.2024
 (54) Heart valve docking coils and systems
 (51) Int. Cl.
A61F 2/24 (2006.01)
A61B 17/00 (2006.01)
 (43) 05.12.2024
 (62) 2023200569
 (72) PATEL, Darshin S.; MANASH, Boaz;
 PERLMUTTER, Khen; LEIBA, Eyal;
 ROZEN, Yoav; SIRIMANNE, Dinesh L.;
 AXELROD, Noa; KIBLITSKI, Zohar
 (74) Spruson & Ferguson

(71) Ensing, M.
 (11) AU-A-2024202985
 (21) 2024202985 (22) 06.05.2024
 (54) SYSTEM AND METHOD OF PROVID-
 ING CUSTOMIZED CONTENT BY A
 VIRTUAL DOCENT
 (51) Int. Cl.
G06Q 30/0251 (2023.01)
G06F 16/00 (2019.01)
G06N 3/02 (2006.01)
 (31) 63/467,278 (32) 17.05.23 (33) US
 18/221,954 14.07.23 US
 (43) 05.12.2024
 (72) Ensing, Maris
 (74) Cooper IP Pty Ltd

(71) Enterobiome Inc.
 (11) AU-A-2024266699
 (21) 2024266699 (22) 19.11.2024
 (54) Medium composition for culturing
 Faecalibacterium prausnitzii strain
 (51) Int. Cl.
C12N 1/20 (2006.01)
C12R 1/01 (2006.01)
 (43) 05.12.2024
 (62) 2022202054
 (72) SEO, Jae Gu; LEE, Do Kyung
 (74) James & Wells Intellectual Property

(71) Evonik Operations GmbH
 (11) AU-A-2024203129
 (21) 2024203129 (22) 10.05.2024
 (54) Construction Of An Electrochemical
 Cell
 (51) Int. Cl.
H01M 4/32 (2006.01)
H01M 4/24 (2006.01)
H01M 4/80 (2006.01)
 (31) 23173271.0 (32) 15.05.23 (33) EP
 (43) 05.12.2024
 (72) MALJUSCH, Artjom; BOROWSKI,
 Patrick; ELKEMANN, Ines; ROTERS,
 Philipp
 (74) WRAYS PTY LTD

(71) Fasetto, Inc.
 (11) AU-A-2024264655
 (21) 2024264655 (22) 14.11.2024
 (54) Systems and methods for message
 editing
 (51) Int. Cl.
G06Q 10/107 (2023.01)

H04L 51/063 (2022.01)
H04L 51/18 (2022.01)
H04M 3/53 (2006.01)
H04W 4/14 (2009.01)
H04W 88/18 (2009.01)
 (43) 05.12.2024
 (62) 2022252808
 (72) CHRISTMAS, Coy; MALPASS, Luke
 (74) Spruson & Ferguson

(71) Figene, LLC
 (11) AU-A-2024264754
 (21) 2024264754 (22) 19.11.2024
 (54) Augmentation of fibroblast regenerative
 activity
 (51) Int. Cl.
A61K 8/60 (2006.01)
A61K 8/97 (2017.01)
A61K 31/70 (2006.01)
A61K 33/00 (2006.01)
A61K 45/00 (2006.01)
A61P 9/10 (2006.01)
A61P 11/00 (2006.01)
 (43) 05.12.2024
 (62) 2018388979
 (72) O'HEERON, Pete; ICHIM, Thomas
 (74) FB Rice Pty Ltd

(71) FISHER & PAYKEL HEALTHCARE
 LIMITED
 (11) AU-A-2024264667
 (21) 2024264667 (22) 15.11.2024
 (54) BREATHING ASSISTANCE APPARAT-
 US
 (51) Int. Cl.
A61M 16/00 (2006.01)
 (43) 05.12.2024
 (62) 2019375540
 (72) SCHALKWYK, Andre Van; SALMON,
 Andrew Paul Maxwell; DAWINAN,
 Ramirilindo Agra
 (74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE
 LIMITED
 (11) AU-A-2024264755
 (21) 2024264755 (22) 19.11.2024
 (54) DIRECTIONAL LOCK FOR INTER-
 FACE HEADGEAR ARRANGEMENT
 (51) Int. Cl.
F16G 11/10 (2006.01)
A62B 9/00 (2006.01)
A62B 18/08 (2006.01)
F16B 2/16 (2006.01)
F16B 2/18 (2006.01)
F16H 19/02 (2006.01)
F16H 19/04 (2006.01)
 (43) 05.12.2024
 (62) 2022228156
 (72) HAMMER, Jeroen; KAPELEVICH, Vi-
 taly
 (74) AJ PARK

(71) FMC Technologies, Inc.
 (11) AU-A-2024264604
 (21) 2024264604 (22) 13.11.2024

(54) SUBMERSIBLE REMOTE OPERATED
 VEHICLE TOOL CHANGE CONTROL
 (51) Int. Cl.
E21B 41/04 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 15/04 (2006.01)
B63C 11/52 (2006.01)
 (43) 05.12.2024
 (62) 2024205196
 (72) LEONHARDT, Mark; ABRAHAM, Bijou;
 BOISSIERE, Peter; COHAN, Steve;
 HJELDEN, Kevin; MAYNE, Doug;
 RANSTROM, Tim; ROGERS, Sean;
 SCHELL, Kevin; SLAM, Spencer
 (74) RnB IP Pty Ltd

(71) Furzer, M.
 (11) AU-A-2023203111
 (21) 2023203111 (22) 18.05.2023
 (54) A Technical Method for eliminating
 Antecedent Data from the Monthly Per-
 centage Runoff of a defined watershed
 thus allowing the identification of histor-
 ical and forecast Monthly Soil Moisture
 Percentages.
 (51) Int. Cl.
G16Z 99/00 (2019.01)
G01W 1/00 (2006.01)
G06F 18/2113 (2023.01)
G06Q 10/04 (2023.01)
G06Q 50/02 (2012.01)
G01N 33/24 (2006.01)
G01W 1/14 (2006.01)
 (43) 05.12.2024
 (72) Furzer, Michael
 (74) Michael Furzer

(71) Gentex Corporation
 (11) AU-A-2024264634
 (21) 2024264634 (22) 14.11.2024
 (54) Helmet mounted visor assembly
 (51) Int. Cl.
A42B 3/22 (2006.01)
A42B 3/00 (2006.01)
A42B 3/04 (2006.01)
A42B 3/18 (2006.01)
A42B 3/32 (2006.01)
 (43) 05.12.2024
 (62) 2022223975
 (72) NOORDZIJ, Duco
 (74) Spruson & Ferguson

(71) GEN-Y CREATIONS, LLC
 (11) AU-A-2024202469
 (21) 2024202469 (22) 16.04.2024
 (54) QUICK CONNECT BALL COUPLER
 (51) Int. Cl.
B60D 1/06 (2006.01)
B60D 1/28 (2006.01)
 (31) 18/318863 (32) 17.05.23 (33) US
 (43) 05.12.2024
 (72) BORKHOLDER, Carl J
 (74) AJ PARK

(71) GE Video Compression, LLC
 (11) AU-A-2024264701

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 (54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/503 (2014.01)
- (43) 05.12.2024
 (62) 2023200757
 (72) SÁNCHEZ DE LA FUENTE, Yago; SÜHRING, Karsten; HELLGE, Cornelius; SCHIERL, Thomas; SKUPIN, Robert; WIEGAND, Thomas
 (74) Griffith Hack
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- (71) GE Video Compression, LLC
 (11) AU-A-2024264702
 (21) 2024264702 (22) 15.11.2024
 (54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
 (51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/503 (2014.01)
- (43) 05.12.2024
 (62) 2023200764
 (72) SÁNCHEZ DE LA FUENTE, Yago; SÜHRING, Karsten; HELLGE, Cornelius; SCHIERL, Thomas; SKUPIN, Robert; WIEGAND, Thomas
 (74) Griffith Hack
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- (71) Graco Minnesota Inc.
 (11) AU-A-2024203152
 (21) 2024203152 (22) 13.05.2024
 (54) Power tool attachment
 (51) Int. Cl.
B25F 3/00 (2006.01)
B05B 9/04 (2006.01)
B23B 43/00 (2006.01)
B23B 45/02 (2006.01)
- (31) 63/466,930 (32) 16.05.23 (33) US
 63/555,273 19.02.24 US
 63/574,378 04.04.24 US
 63/601,782 22.11.23 US
- (43) 05.12.2024
 (72) OLSON, Diane L.; KEMMETMUELLER, Dennis D.; NESS, Nicholas A.
 (74) Spruson & Ferguson
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- (71) Grasso, D.
 (11) AU-A-2024203115
 (21) 2024203115 (22) 10.05.2024
 (54) PORTABLE TOILET SEAT
 (51) Int. Cl.
A47K 13/00 (2006.01)
B60R 15/04 (2006.01)
B60R 11/00 (2006.01)
- (31) 2023901481 (32) 15.05.23 (33) AU
 (43) 05.12.2024
 (72) Grasso, David
 (74) Wrays Pty Ltd
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- (71) Gusto Global Industries Pty Ltd
 (11) AU-A-2023258378
- (21) 2023258378 (22) 01.11.2023
 (54) A Dust Reduction Unit For Recreational Vehicles
 (51) Int. Cl.
B60H 3/06 (2006.01)
B60H 1/00 (2006.01)
B60H 1/24 (2006.01)
B60H 3/00 (2006.01)
B60P 3/32 (2006.01)
- (31) 2023901568 (32) 20.05.23 (33) AU
 18385392 31.10.23 US
- (43) 05.12.2024
 (72) Nathan Johnston
 (74) Stellar Law Pty Ltd
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- (71) Hemispherian AS
 (11) AU-A-2024264750
 (21) 2024264750 (22) 19.11.2024
 (54) DEOXY- CYTIDINE OR URIDINE DERIVATIVES FOR USE IN CANCER THERAPIES
 (51) Int. Cl.
A61K 31/7068 (2006.01)
A61K 31/7072 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
- (43) 05.12.2024
 (62) 2023210586
 (72) Robertson, Adam Brian; Prikrylova, Terezia
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Hilti Aktiengesellschaft
 (11) AU-A-2024264686
 (21) 2024264686 (22) 15.11.2024
 (54) Fastening method
 (51) Int. Cl.
B23K 9/20 (2006.01)
- (43) 05.12.2024
 (62) 2018349116
 (72) STAHEL, Simon; POPP, Uwe
 (74) Spruson & Ferguson
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 (21) 2024264730
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- (71) Holiata Colltech Limited
 (11) AU-A-2023203657
 (21) 2023203657 (22) 12.06.2023
 (54) METHOD OF PRODUCING COLLAGEN
 (51) Int. Cl.
C07K 14/78 (2006.01)
- (31) PI2023002999 (32) 19.05.23 (33) MY
 (43) 05.12.2024
 (72) V Marnickavasagar, M Rajendran
 (74) MOHAN MURALI KODIVEL
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- (71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024264751
 (21) 2024264751 (22) 19.11.2024
 (54) VIDEO PICTURE PREDICTION METHOD AND APPARATUS
 (51) Int. Cl.
H04N 19/52 (2014.01)
H04N 19/105 (2014.01)
- (43) 05.12.2024
 (62) 2023233136
 (72) Chen, Huanbang; Yang, Haitao
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) HUAWEI TECHNOLOGIES CO., LTD.
 (11) AU-A-2024264614
 (21) 2024264614 (22) 13.11.2024
 (54) COMMUNICATION METHOD AND APPARATUS
 (51) Int. Cl.
H04L 9/40 (2022.01)
H04L 1/00 (2006.01)
- (43) 05.12.2024
 (62) 2022277464
 (72) GONG, Bo; YU, Jian; LIU, Chenchen; GAN, Ming
 (74) Halfords IP
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- (71) IGT
 (11) AU-A-2024264629
 (21) 2024264629 (22) 14.11.2024
 (54) SYSTEM AND METHOD FOR MANAGING PLAYER DATA ACROSS DIFFERENT GAMING ENTITIES
 (51) Int. Cl.
A63F 13/00 (2014.01)
- (43) 05.12.2024
 (62) 2019201753
 (72) Upton, Bryan
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) IGT
 (11) AU-A-2024264752
 (21) 2024264752 (22) 19.11.2024
 (54) Proximity Based Conditional Rewards for Casino Users
 (51) Int. Cl.
G07C 11/00 (2006.01)
H04W 4/02 (2018.01)
- (43) 05.12.2024
 (62) 2019202976
 (72) Russ, Michael; Keilwert, Stefan; Aurich, Sven; Froy, David
 (74) Integrated IP
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- (71) Illinois Tool Works Inc.
 (11) AU-A-2024203281
 (21) 2024203281 (22) 17.05.2024
 (54) Fastener
 (51) Int. Cl.
F16B 25/10 (2006.01)
F16B 25/00 (2006.01)
F16B 35/06 (2006.01)
- (31) 2023901549 (32) 19.05.23 (33) AU
 2023903204 06.10.23 AU
 2023903779 23.11.23 AU
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 (72) Marshall, Bryan Hugh; Andronikos, Alexander
 (74) Davies Collison Cave Pty Ltd
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- (71) Illinois Tool Works Inc.
 (11) AU-A-2024264738
 (21) 2024264738 (22) 18.11.2024

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(54) A joint edge protection apparatus – shearing clamping rivets
 (51) Int. Cl.
E04F 15/14 (2006.01)
E04B 5/36 (2006.01)
E04B 5/32 (2006.01)
E04G 21/24 (2006.01)
 (43) 05.12.2024
 (62) 2021204991
 (72) MASON, Greg Stephen; ROGERS, Ryan
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2024264739
 (21) 2024264739 (22) 18.11.2024
 (54) A joint edge protection apparatus – directional joint offset extensions
 (51) Int. Cl.
E04F 15/14 (2006.01)
E04B 5/36 (2006.01)
E04B 5/32 (2006.01)
E04G 21/24 (2006.01)
 (43) 05.12.2024
 (62) 2021204991
 (72) MASON, Greg Stephen
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2024264740
 (21) 2024264740 (22) 18.11.2024
 (54) A joint edge protection apparatus – replaceable top plate
 (51) Int. Cl.
E04F 15/14 (2006.01)
E04B 5/36 (2006.01)
E04B 5/32 (2006.01)
E04G 21/24 (2006.01)
 (43) 05.12.2024
 (62) 2021204991
 (72) MASON, Greg Stephen
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2024264741
 (21) 2024264741 (22) 18.11.2024
 (54) A joint edge protection apparatus – adjustable screw base
 (51) Int. Cl.
E04F 15/14 (2006.01)
E04B 5/36 (2006.01)
E04B 5/32 (2006.01)
E04G 21/24 (2006.01)
 (43) 05.12.2024
 (62) 2021204991
 (72) MASON, Greg Stephen
 (74) Davies Collison Cave Pty Ltd

(71) Inovio Pharmaceuticals, Inc.
 (11) AU-A-2024264712
 (21) 2024264712 (22) 18.11.2024
 (54) Cancer vaccines targeting survivin and uses thereof
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)

C07K 14/47 (2006.01)
 (43) 05.12.2024
 (62) 2018383664
 (72) YAN, Jian; SLAGER, Anna; GARMAN, Bradley; COOCH, Neil
 (74) FB Rice Pty Ltd

(71) Integrity Security Services LLC
 (11) AU-A-2024203256
 (21) 2024203256 (22) 16.05.2024
 (54) Automatic tracking of resource usage by vehicles
 (51) Int. Cl.
H04W 4/029 (2018.01)
G06Q 50/40 (2024.01)
H04W 4/40 (2018.01)
 (31) 63/502837 (32) 17.05.23 (33) US
 (43) 05.12.2024
 (72) KAPOOR, Amit
 (74) FPA Patent Attorneys Pty Ltd

(71) J&K&Co Pty Ltd
 (11) AU-A-2024202634
 (21) 2024202634 (22) 23.04.2024
 (54) BOAT ANCHOR
 (51) Int. Cl.
B63B 21/24 (2006.01)
B63B 21/26 (2006.01)
B63B 21/30 (2006.01)
 (31) 2023901534 (32) 18.05.23 (33) AU
 (43) 05.12.2024
 (72) GRAY, Jack Andre
 (74) PIPERS

(71) Jaka Packaging Pty Ltd
 (11) AU-A-2024202422
 (21) 2024202422 (22) 12.04.2024
 (54) Re-usable beverage cups, food containers and lids and method, device and server for tracking possession thereof
 (51) Int. Cl.
A47G 19/22 (2006.01)
G06K 19/07 (2006.01)
G06K 7/10 (2006.01)
 (31) 2023901555 (32) 19.05.23 (33) AU
 (43) 05.12.2024
 (72) FUNG, Jason; KWAN, Leung Hang H
 (74) FB Rice Pty Ltd

(71) Jinko Energy Storage Technology Co., Ltd.
 (11) AU-A-2023266251
 (21) 2023266251 (22) 14.11.2023
 (54) BATTERY MODULE AND BATTERY PACK
 (51) Int. Cl.
H01M 50/143 (2021.01)
H01M 50/209 (2021.01)
 (31) 202310573602.5 (32) 18.05.23 (33) CN
 (43) 05.12.2024
 (72) Wei LI
 (74) BOSH IP Pty Ltd

(71) Jinko Energy Storage Technology Co., Ltd.
 (11) AU-A-2023270219

(21) 2023270219 (22) 21.11.2023
 (54) SEPARATOR AND CELLS CONTACT SYSTEM
 (51) Int. Cl.
H01M 50/489 (2021.01)
H01M 10/12 (2006.01)
H01M 50/514 (2021.01)
H01R 12/00 (2006.01)

(31) 202321228507.3 (32) 18.05.23 (33) CN
 (43) 05.12.2024
 (72) Wei LI
 (74) BOSH IP Pty Ltd

(71) Jinko Energy Storage Technology Co. Ltd.
 (11) AU-A-2023266297
 (21) 2023266297 (22) 15.11.2023
 (54) BATTERY MODULE AND BATTERY PACK
 (51) Int. Cl.
H01M 50/383 (2021.01)
H01M 50/204 (2021.01)
H01M 50/24 (2021.01)
H01M 50/244 (2021.01)
 (31) 202321238497.1 (32) 18.05.23 (33) CN
 (43) 05.12.2024
 (72) Qinyun WANG; Yunhui GAO; Ke CHEN; Shengyi CHEN; Chao ZUO
 (74) Franke Hyland Pty Ltd

(71) JPMorgan Chase Bank, N.A.
 (11) AU-A-2024264613
 (21) 2024264613 (22) 13.11.2024
 (54) System and method for implementing a market data hub
 (51) Int. Cl.
G06Q 40/00 (2023.01)
 (43) 05.12.2024
 (62) 2019251583
 (72) SLAVIN, Ilya; TAYLOR, Gordon
 (74) AJ PARK

(71) JVD, Inc.
 (11) AU-A-2024202908
 (21) 2024202908 (22) 02.05.2024
 (54) Lightweight livestock ear tag device housing
 (51) Int. Cl.
G06K 19/07 (2006.01)
G01S 5/02 (2010.01)
G01S 19/01 (2010.01)
G06K 7/10 (2006.01)
 (31) 63/467,802 (32) 19.05.23 (33) US
 (43) 05.12.2024
 (72) VANDIERENDONCK, Michael L.; POWERS, Ronald
 (74) Spruson & Ferguson

(71) Kerry Group Services International Limited
 (11) AU-A-2024264698
 (21) 2024264698 (22) 15.11.2024
 (54) Antimicrobial Powdered Compositions
 (51) Int. Cl.
A23L 3/3472 (2006.01)
A23L 3/3508 (2006.01)

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- (43) 05.12.2024
 (62) 2018348125
 (72) KLATT, Jennifer Jean; COOPER, Renetta; LANDORF, Angela Krystine; SHEEHAN, Vivien M.; LU, Yingshuang; MAEGLI, Jack William
 (74) WRAYS PTY LTD
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- (71) Keymed (Medical & Industrial Equipment) Limited
 (11) AU-A-2024264654
 (21) 2024264654 (22) 14.11.2024
 (54) Medical scope accessory, medical scopes comprising the accessory, and use thereof
 (51) Int. Cl.
 A61B 1/00 (2006.01)
 (43) 05.12.2024
 (62) 2022205212
 (72) AXON, Patrick
 (74) FB Rice Pty Ltd
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- (71) Kira Holdings Pty Ltd
 (11) AU-A-2023203171
 (21) 2023203171 (22) 19.05.2023
 (54) A HOLDER
 (51) Int. Cl.
 A45F 5/02 (2006.01)
 B25H 3/00 (2006.01)
 B65D 1/24 (2006.01)
 B65D 71/52 (2006.01)
 (43) 05.12.2024
 (72) HUME, Casey; FRISBY, Daniel
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Konnectronix, Inc.
 (11) AU-A-2024264684
 (21) 2024264684 (22) 15.11.2024
 (54) Bicycle system
 (51) Int. Cl.
 B62H 5/00 (2006.01)
 B62J 3/00 (2020.01)
 H04L 29/00 (2006.01)
 (43) 05.12.2024
 (62) 2022203610
 (72) HINES, George; FRAGASSI, Steven; CAVADA, Gilberto; O'CONNOR, Tom; PAGE, Richard; KULKARNI, Sharwari; GUFFEY, George J.; CAPELLARO, Will; CARRIER, Michael; CARLSON, David; DAUS, Corry; KUNVICHET, Lee; LINGLE, Stephen; LAST, Andrew; DMITRIYEV, Stanislav; AMMONS, Reginald K. S.
 (74) Spruson & Ferguson
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- (71) Kyte Dynamics, Inc.
 (11) AU-A-2024264690
 (21) 2024264690 (22) 15.11.2024
 (54) Suspended aerial vehicle system with thruster stabilization
 (51) Int. Cl.
 B64D 5/00 (2006.01)
 B64C 39/02 (2023.01)
 B64D 1/00 (2006.01)
 B64D 1/12 (2006.01)
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- B64D 1/22 (2006.01)
 B64D 3/00 (2006.01)
 (43) 05.12.2024
 (62) 2022203308
 (72) USMAN, Irfan-ur-rab
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Leverton Holding LLC
 (11) AU-A-2024264607
 (21) 2024264607 (22) 13.11.2024
 (54) TEXT LINE IMAGE SPLITTING WITH DIFFERENT FONT SIZES
 (51) Int. Cl.
 G06V 30/148 (2022.01)
 G06F 40/284 (2020.01)
 G06V 30/10 (2022.01)
 G06V 30/414 (2022.01)
 (43) 05.12.2024
 (62) 2019325322
 (72) KUHLMANN, Florian; KIEWEG, Michael
 (74) K&L Gates
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- (71) LG Electronics Inc.
 (11) AU-A-2024203250
 (21) 2024203250 (22) 16.05.2024
 (54) DISPLAY DEVICE
 (51) Int. Cl.
 G06F 1/16 (2006.01)
 (31) 10-2023-0062932 (32) 16.05.23 (33) KR
 (43) 05.12.2024
 (72) Hyun, Jihwan
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) LG Electronics Inc.
 (11) AU-A-2024264666
 (21) 2024264666 (22) 15.11.2024
 (54) INDUCTION HEATING TYPE COOKTOP
 (51) Int. Cl.
 H05B 6/12 (2006.01)
 G01K 7/02 (2021.01)
 H05B 6/06 (2006.01)
 (43) 05.12.2024
 (62) 2020429395
 (72) HWANG, Seonghoon; KIM, Wontae; KIM, Seongjun
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) LG Electronics Inc.
 (11) AU-A-2024264671
 (21) 2024264671 (22) 15.11.2024
 (54) INDUCTION HEATING TYPE COOKTOP
 (51) Int. Cl.
 H05B 6/12 (2006.01)
 H05B 6/04 (2006.01)
 H05B 6/06 (2006.01)
 (43) 05.12.2024
 (62) 2020430679
 (72) KIM, Seongjun; KIM, Wontae; HWANG, Seonghoon
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) Machan Investments LLC
 (11) AU-A-2024203277
 (21) 2024203277 (22) 16.05.2024
 (54) WALL MOUNTED DISPENSER
 (51) Int. Cl.
 A47K 5/06 (2006.01)
 (31) 63/503,099 (32) 18.05.23 (33) US
 (43) 05.12.2024
 (72) Desilva, Ash Asela; DeSilva, Anuradha Andy; James, Shehan; Weerasekera, Dinesh
 (74) Ashutosh Choudhary
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- (71) Maiorov, V.; Hlushchenko, M.
 (11) AU-A-2024264730
 (21) 2024264730 (22) 18.11.2024
 (54) A SCATTERED LIGHT SENSOR OF THE SMOKE DETECTION DEVICE
 (51) Int. Cl.
 G08B 17/107 (2006.01)
 G01N 21/53 (2006.01)
 G08B 29/18 (2006.01)
 (43) 05.12.2024
 (62) 2023203439
 (72) Hlushchenko, Mykhailo; Maiorov, Volodymyr
 (74) Argon IP Advisory Pty Ltd
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- (71) Mallinckrodt Pharmaceuticals Ireland Limited
 (11) AU-A-2024264696
 (21) 2024264696 (22) 15.11.2024
 (54) SYSTEMS AND METHODS FOR INTELLIGENT GAS SOURCE MANAGEMENT AND/OR SYSTEMS AND METHODS FOR DELIVERY OF THERAPEUTIC GAS AND/OR ENHANCED PERFORMANCE VERIFICATION FOR THERAPEUTIC GAS DELIVERY
 (51) Int. Cl.
 A61M 16/00 (2006.01)
 A61M 16/12 (2006.01)
 A61M 16/20 (2006.01)
 B63C 11/02 (2006.01)
 G01F 22/02 (2006.01)
 (43) 05.12.2024
 (62) 2022211800
 (72) Acker, Jaron M.; Falligant, John C.; Milsap, Jeff; Roehl, Robin; Schmidt, Jeffrey; Tolmie, Craig R.
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Maytronics Ltd.
 (11) AU-A-2024203212
 (21) 2024203212 (22) 15.05.2024
 (54) A FLUID JET CONTROL UNIT OF A POOL RELATED PLATFORM
 (51) Int. Cl.
 E04H 4/16 (2006.01)
 B08B 3/02 (2006.01)
 (31) 302953 (32) 15.05.23 (33) IL
 (43) 05.12.2024
 (72) Boaz, Ben Dov
 (74) Michael Buck IP

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(71) MBF S.p.A.
 (11) AU-A-2024203119
 (21) 2024203119 (22) 10.05.2024
 (54) VALVE ASSEMBLY FOR A FILLING MACHINE AND A FILLING MACHINE PROVIDED WITH SUCH VALVE
 (51) Int. Cl.
 B67C 3/28 (2006.01)
 B67C 3/26 (2006.01)
 (31) 102023000009732 (32) 15.05.23 (33) IT
 (43) 05.12.2024
 (72) Boscaro, Giuliano; Albertini, Paolo
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) MBF S.p.A.
 (11) AU-A-2024203125
 (21) 2024203125 (22) 10.05.2024
 (54) VALVE ASSEMBLY FOR A FILLING MACHINE WITH A FILLING LEVEL REGULATION PROBE AND A FILLING MACHINE PROVIDED WITH SUCH VALVE
 (51) Int. Cl.
 B67C 3/28 (2006.01)
 B67C 3/26 (2006.01)
 (31) 102023000009726 (32) 15.05.23 (33) IT
 (43) 05.12.2024
 (72) Boscaro, Giuliano; Albertini, Paolo
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) MeetingQuality Pty. Ltd.
 (11) AU-A-2024259886
 (21) 2024259886 (22) 11.11.2024
 (54) Meeting Survey System
 (51) Int. Cl.
 G06Q 10/10 (2023.01)
 G06F 8/00 (2018.01)
 G06Q 10/06 (2023.01)
 (43) 05.12.2024
 (62) 2019262084
 (72) MCGRATH, Kelvin
 (74) Wallington-Dummer

(71) Meso Scale Technologies, LLC.
 (11) AU-A-2024264661
 (21) 2024264661 (22) 14.11.2024
 (54) Integrated Consumable Data Management System & Platform
 (51) Int. Cl.
 C40B 60/04 (2006.01)
 G01N 35/02 (2006.01)
 G06K 19/08 (2006.01)
 (43) 05.12.2024
 (62) 2022231693
 (72) Wang, Lei; Nguyen, Kim-Xuan; Oberoi, Pankaj; Pang, Louis W.; Pellicier, Victor; Sammons, Nick; Sigal, George; Wohlstadter, Jacob; Vock, Mike; Smith, Stanley T.; Stevens, Carl C.; Osborne, Roger D.; Page, Kenneth; Wade, Michael T.; Willoughby, Jon; Kochar, Manish; Bosco, Peter J.; Chamberlin, Ian D.; Jeffrey-Coker, Bandele; Jones, Eric M.; Krivoy, Gary I.; Krueger, Don E.; Leimkuehler, Aaron H.; Wu, Pei-Ming; Parker, Jennifer
 (74) Chrysiliou IP

(71) MINIMAX VIKING PATENT MANAGEMENT GMBH
 (11) AU-A-2024264714
 (21) 2024264714 (22) 18.11.2024
 (54) DRY FIRE PROTECTION SPRINKLER ASSEMBLIES AND SYSTEMS
 (51) Int. Cl.
 A62C 35/62 (2006.01)
 A62C 35/68 (2006.01)
 A62C 37/12 (2006.01)
 A62C 37/14 (2006.01)
 (43) 05.12.2024
 (62) 2023264480
 (72) WATSON, Jason
 (74) Pizzey Patent and Trade Mark Attorneys Pty Ltd

(71) Minnetronix Neuro, Inc.
 (11) AU-A-2024264644
 (21) 2024264644 (22) 14.11.2024
 (54) Filtering cassettes and filtering systems
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 (43) 05.12.2024
 (62) 2021271803
 (72) DARBANDI, Bejan Michael; MCCABE, Aaron R.; JONES, Justin Charles
 (74) Spruson & Ferguson

(71) Mitsubishi Heavy Industries, Ltd.
 (11) AU-A-2024264659
 (21) 2024264659 (22) 14.11.2024
 (54) Operation condition setting device, people flow prediction device, operation condition setting method, people flow prediction method, and program
 (51) Int. Cl.
 G06Q 10/04 (2023.01)
 G01C 21/34 (2006.01)
 G05D 1/00 (2006.01)
 G06F 17/18 (2006.01)
 (43) 05.12.2024
 (62) 2022275410
 (72) YOSHIDA, Kazuki; YAMADA, Masahiro; SABERI, Meead; LILASATHAPORNKIT, Tanapon
 (74) Davies Collison Cave Pty Ltd

(71) Morrisey, S.
 (11) AU-A-2024264715
 (21) 2024264715 (22) 18.11.2024
 (54) Hip arthroplasty trial systems and associated medical devices, methods, and kits
 (51) Int. Cl.
 A61F 2/46 (2006.01)
 A61F 2/32 (2006.01)
 (43) 05.12.2024
 (62) 2020265209
 (72) MORRISEY, Stephen Patrick; JONES, Robert James
 (74) Griffith Hack

(71) Nattopharma AS
 (11) AU-A-2024264719
 (21) 2024264719 (22) 18.11.2024

(54) Rapidly improving endothelial function, reducing arterial stiffness and reversing calcification of blood vessels by administering vitamin K
 (51) Int. Cl.
 A61K 31/122 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/593 (2006.01)
 A61K 45/06 (2006.01)
 A61P 9/00 (2006.01)
 A61P 9/10 (2006.01)
 (43) 05.12.2024
 (62) 2020234467
 (72) CHLOPICKI, Stefan; MARESZ, Katarzyna; BAR, Anna
 (74) Griffith Hack

(71) Neumedicines, Inc.
 (11) AU-A-2024264721
 (21) 2024264721 (22) 18.11.2024
 (54) IL-12 compositions and methods of use in hematopoietic recovery
 (51) Int. Cl.
 A61K 38/20 (2006.01)
 A61K 38/17 (2006.01)
 A61P 35/00 (2006.01)
 A61P 35/02 (2006.01)
 (43) 05.12.2024
 (62) 2021215168
 (72) BASILE, Lena A.
 (74) Spruson & Ferguson

(71) NevRO COrp.
 (11) AU-A-2024264707
 (21) 2024264707 (22) 15.11.2024
 (54) Systems And Methods For Identifying And Treating Patients With High-Frequency Electrical Signals
 (51) Int. Cl.
 A61B 5/24 (2021.01)
 A61N 1/00 (2006.01)
 (43) 05.12.2024
 (62) 2022204272
 (72) DONGCHUL, Lee
 (74) WRAYS PTY LTD

(71) NORITZ CORPORATION
 (11) AU-A-2024203070
 (21) 2024203070 (22) 09.05.2024
 (54) WATER HEATER
 (51) Int. Cl.
 H04W 4/80 (2018.01)
 F24H 1/00 (2022.01)
 F24H 15/464 (2022.01)
 H04B 17/00 (2015.01)
 H04W 12/63 (2021.01)
 H04W 76/00 (2018.01)
 (31) 2023-082858 (32) 19.05.23 (33) JP
 (43) 05.12.2024
 (72) HIROTA, Daisuke; YOKOYAMA, Hiroshi
 (74) Collison & Co

(71) NORITZ CORPORATION
 (11) AU-A-2024203072
 (21) 2024203072 (22) 09.05.2024

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(54) PROGRAM EXECUTED ON MOBILE COMMUNICATION TERMINAL THAT COMMUNICATES WITH WATER HEATER, AND WATER HEATER
 (51) Int. Cl.
H04Q 9/00 (2006.01)
F24H 1/00 (2022.01)
F24H 15/45 (2022.01)
G05B 19/02 (2006.01)
G05B 19/418 (2006.01)
G08C 17/02 (2006.01)
 (31) 2023-083317 (32) 19.05.23 (33) JP
 (43) 05.12.2024
 (72) SAKAGAMI, Daiki; KANKI, Eiji; OKAMOTO, Shinichi
 (74) Collison & Co

(71) ORTHOTICS MADE EASY PTY LTD
 (11) AU-A-2023203150
 (21) 2023203150 (22) 19.05.2023
 (54) SEMI-CUSTOM FOOT ORTHOSIS
 (51) Int. Cl.
A43B 7/1415 (2022.01)
A43B 7/142 (2022.01)
A43B 7/1425 (2022.01)
A43B 7/144 (2022.01)
A43B 7/1463 (2022.01)
 (43) 05.12.2024
 (72) Hugo, Burke; Brown, Nigel
 (74) Integrated IP

(71) Oryzon Genomics, S.A.
 (11) AU-A-2024264660
 (21) 2024264660 (22) 14.11.2024
 (54) Methods of treating behavior alterations
 (51) Int. Cl.
A61K 31/44 (2006.01)
A61P 25/00 (2006.01)
A61P 25/08 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)
A61P 25/18 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
A61P 25/30 (2006.01)
 (43) 05.12.2024
 (62) 2018309372
 (72) MAES, Tamara; ROTLLANT POZO, David; GRIÑÁN FERRE, Christian; PALLÀS LLIBERIA, Mercè; NADAL ALEMANY, Roser; ARMARIO GARCÍA, Antonio
 (74) Davies Collison Cave Pty Ltd

(71) Perimeter Solutions LP
 (11) AU-A-2024264720
 (21) 2024264720 (22) 18.11.2024
 (54) Long-term retardant and fire-suppressing gel compositions
 (51) Int. Cl.
A62D 1/00 (2006.01)
 (43) 05.12.2024
 (62) 2019240416
 (72) KIM, Melissa R.; VANDERSALL, Howard L.; KHOSLA, Urvasi; ROBLES, Juan
 (74) Oxygene IP

(71) Polaris Industries Inc.
 (11) AU-A-2024203081
 (21) 2024203081 (22) 09.05.2024
 (54) ELECTRICAL POWER MANAGEMENT OF RECREATIONAL VEHICLES
 (51) Int. Cl.
B60R 16/03 (2006.01)
B60R 16/023 (2006.01)
B60R 16/033 (2006.01)
 (31) 63/467465 (32) 18.05.23 (33) US
 (43) 05.12.2024
 (72) Fredrickson, Donovan; Contons, Matthew; Sundberg, Zachary; Weed, Joshua; Brandt, Brian; Krossschell, Brian; Rice, Daniel; DeFrance, Joseph L.
 (74) envantage

(71) Polaris Industries Inc.
 (11) AU-A-2024203102
 (21) 2024203102 (22) 10.05.2024
 (54) AUTONOMOUS AND SEMI-AUTONOMOUS OFF-ROAD VEHICLE CONTROL
 (51) Int. Cl.
B60W 50/14 (2020.01)
B60W 30/08 (2012.01)
B60W 60/00 (2020.01)
G05D 3/00 (2006.01)
G05D 3/12 (2006.01)
 (31) 63/466485 (32) 15.05.23 (33) US
 63/518696 10.08.23 US
 (43) 05.12.2024
 (72) Shaughnessy, Aidan; Fuchs, Eric; Johnson, Forrest; Liu, Chiao George; Taylor, Scott; Norstad, Timothy; Ross, Eric; Dunn, Kevin; Graus, Jonathon; Krossschell, Brian; Betcher, Benjamin; Hetland, Jon; Bauer, Joseph; Shirodkar, Vinay
 (74) envantage

(71) Qingdao Hengfengda Energy Technologies Co., Ltd.
 (11) AU-A-2024264646
 (21) 2024264646 (22) 14.11.2024
 (54) Carbon-based composite material, preparation method therefor, and application thereof
 (51) Int. Cl.
C01B 32/05 (2017.01)
C01B 32/15 (2017.01)
C01B 32/162 (2017.01)
H01M 4/133 (2010.01)
H01M 4/36 (2006.01)
 (43) 05.12.2024
 (62) 2021390053
 (72) ZHANG, Yongheng
 (74) Remarkable IP

(71) QMR (IP) PTY LTD
 (11) AU-A-2024203003
 (21) 2024203003 (22) 07.05.2024
 (54) MONITORING THE DETONATION OF EXPLOSIVES IN BLAST HOLES
 (51) Int. Cl.
F42D 5/02 (2006.01)
F42D 1/28 (2006.01)
 (31) 2023901502 (32) 16.05.23 (33) AU

(43) 05.12.2024
 (72) CAVANOUGH, Gary Lindsay
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) QUADRIGA BIOSCIENCES, INC.
 (11) AU-A-2024264662
 (21) 2024264662 (22) 14.11.2024
 (54) PHARMACEUTICAL COMPOSITIONS OF CHEMOTHERAPEUTIC AGENTS BASED ON BETA-SUBSTITUTED BETA-AMINO ACID DERIVATIVES
 (51) Int. Cl.
A61K 31/197 (2006.01)
A61K 9/00 (2006.01)
A61K 31/724 (2006.01)
A61K 47/40 (2006.01)
A61P 35/00 (2006.01)
C07C 215/68 (2006.01)
C07C 229/22 (2006.01)
C07C 229/34 (2006.01)
C07C 229/42 (2006.01)
C07C 229/60 (2006.01)
C07D 303/46 (2006.01)
 (43) 05.12.2024
 (62) 2022206282
 (72) JANDELEIT, Bernd; TAM, Peter; LIU, Ruifang; YAN, Shixiang
 (74) Minter Ellison

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2024264639
 (21) 2024264639 (22) 14.11.2024
 (54) DARIC INTERLEUKIN RECEPTORS
 (51) Int. Cl.
C07K 14/435 (2006.01)
A61K 38/16 (2006.01)
C12N 15/62 (2006.01)
 (43) 05.12.2024
 (62) 2018385699
 (72) LEUNG, Wai-Hang
 (74) Davies Collison Cave Pty Ltd

(71) Regents of The University of Minnesota
 (11) AU-A-2024203267
 (21) 2024203267 (22) 16.05.2024
 (54) SYSTEMS AND METHODS FOR TREATING STORMWATER WITH ANAMMOX BACTERIA
 (51) Int. Cl.
C02F 3/34 (2023.01)
C02F 1/28 (2023.01)
C02F 3/30 (2023.01)
C02F 101/16 (2006.01)
 (31) 63/503,427 (32) 19.05.23 (33) US
 (43) 05.12.2024
 (72) Novak, Paige Jennifer; Erickson, Andrew Jacob; Chester, Anndee Lee Huff; Sweeney, Mark E.; Johnson, Jeffrey P.
 (74) Madderns Pty Ltd

(71) REPLICATE BIOSCIENCE, INC.
 (11) AU-A-2024264638
 (21) 2024264638 (22) 14.11.2024
 (54) COMPOSITIONS AND METHODS FOR INDUCING ESR1, PI3K, HER2, AND HER3 IMMUNE RESPONSES

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A61K 39/00 (2006.01)
A61K 39/12 (2006.01)
A61P 35/00 (2006.01)
C12N 7/01 (2006.01)
C12N 15/86 (2006.01)
(43) 05.12.2024
(62) 2022398689
(72) WANG, Nathaniel; MIYAKE-STONER, Shigeki Joseph; ALIAHMAD, Parinaz
(74) RnB IP
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- (71) Research Institute at Nationwide Children's Hospital
(11) AU-A-2024259685
(21) 2024259685 (22) 01.11.2024
(54) Recombinant Adeno-Associated Virus Products And Methods For Treating Dystroglycanopathies And Lamin-Deficient Muscular Dystrophies
(51) Int. Cl.
C07K 14/78 (2006.01)
A61K 48/00 (2006.01)
A61P 21/00 (2006.01)
C07K 14/47 (2006.01)
(43) 05.12.2024
(62) 2019288291
(72) MARTIN, Paul Taylor
(74) WRAYS PTY LTD
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- (71) ResMed Pty Ltd
(11) AU-A-2024264687
(21) 2024264687 (22) 15.11.2024
(54) Headgear for a Patient Interface
(51) Int. Cl.
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)
(43) 05.12.2024
(62) 2023204149
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(74) James & Wells Intellectual Property
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- (71) Rite-Hite Holding Corporation
(11) AU-A-2024264705
(21) 2024264705 (22) 15.11.2024
(54) Seal Apparatus for Dock Levellers
(51) Int. Cl.
B65G 69/28 (2006.01)
B65G 69/00 (2006.01)
F16J 15/02 (2006.01)
(43) 05.12.2024
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(72) THOLE, Collin; SCHMIDT, Timothy J.; BORGERDING, Gary; HEIM, Frank; BLASER, Mary
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(11) AU-A-2024203334
(21) 2024203334 (22) 20.05.2024
(54) LATERALLY ARTICULABLE BELT CONVEYOR SYSTEMS
(51) Int. Cl.
B65G 21/16 (2006.01)
- B65G 15/02** (2006.01)
B65G 15/30 (2006.01)
B65G 15/60 (2006.01)
B65G 17/02 (2006.01)
B65G 17/12 (2006.01)
B65G 21/12 (2006.01)
(31) 63/503,450 (32) 19.05.23 (33) US
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(72) Grothen, Bradley
(74) Argon IP Advisory Pty Ltd
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- Rohitha, B.M. see Rohitha, S.
(21) 2023387748
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- (71) Rohitha, S.; Rohitha, B.I.; Rohitha, B.M.; Rohitha, B.H.
(11) AU-A-2023387748
(21) 2023387748 (22) 08.03.2023
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(51) Int. Cl.
A01M 29/34 (2011.01)
(43) 05.12.2024
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(74) Long Term Australia Pty Ltd
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- (71) Samsung Heavy Ind. Co., Ltd
(11) AU-A-2024264699
(21) 2024264699 (22) 15.11.2024
(54) Fluid cooling apparatus
(51) Int. Cl.
F25B 9/06 (2006.01)
F25B 31/00 (2006.01)
F25B 41/00 (2021.01)
F25J 1/00 (2006.01)
(43) 05.12.2024
(62) 2022256150
(72) LEE, Donghun; KIM, Mungyu; MIN, Joonho; PARK, Hyunki; LEE, Chihun
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C07K 16/22 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
(43) 05.12.2024
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(21) 2023203094 (22) 17.05.2023
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(51) Int. Cl.
F25D 23/06 (2006.01)
A23L 3/36 (2006.01)
C22C 26/00 (2006.01)
C22C 33/02 (2006.01)
(43) 05.12.2024
(72) Yang, Ching-Chieh
(74) Patent Attorney Services
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- (71) SEKISUI HOUSE, LTD.
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(21) 2023270248 (22) 16.05.2023
(54) HEAT-INSULATING WATERPROOF STRUCTURE, HEAT-INSULATING WATERPROOF MEMBER, AND METHOD FOR INSTALLING HEAT-INSULATING WATERPROOF STRUCTURE
(51) Int. Cl.
E04B 1/64 (2006.01)
(43) 05.12.2024
(72) YAMAGUCHI Hiroki; SETO Masatoshi
(74) James & Wells Intellectual Property
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- (71) Shamir Optical Industry Ltd.
(11) AU-A-2024264663
(21) 2024264663 (22) 14.11.2024
(54) PROGRESSIVE OPTICAL DESIGNS FOR DIFFERENT ADD POWERS
(51) Int. Cl.
G02C 7/02 (2006.01)
G02C 7/06 (2006.01)
(43) 05.12.2024
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(72) NAFTALOVICH, Raanan Moshe; ATIAS, Riki; SHUR, Alex
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- (71) Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd.
(11) AU-A-2024264689
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(54) SOLAR CELL, MANUFACTURING METHOD THEREOF, AND PHOTO-VOLTAIC MODULE
(51) Int. Cl.
H01L 31/0236 (2006.01)
H01L 31/0216 (2014.01)
H01L 31/046 (2014.01)
H01L 31/0475 (2014.01)
H01L 31/18 (2006.01)
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 (11) AU-A-2024259874
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 (54) INTRAVASCULAR LITHOTRIPSY CATHETER WITH INTERFERING SHOCK WAVES
 (51) Int. Cl.
 A61B 17/22 (2006.01)
 A61B 17/00 (2006.01)
 A61M 25/10 (2013.01)
 (43) 05.12.2024
 (62) 2022371178
 (72) VO, Khanh
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) SK Innovation Co., Ltd.
 (11) AU-A-2024264693
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 (54) PROCESS FOR PRODUCING HYDROGEN, CARBON MONOXIDE, AND CARBON FROM METHANE-CONTAINING FEEDSTOCK
 (51) Int. Cl.
 C01B 3/26 (2006.01)
 B01J 8/10 (2006.01)
 C01B 3/28 (2006.01)
 C01B 32/40 (2017.01)
 (43) 05.12.2024
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2023203108 (22) 18.05.2023
 (54) Autobot Transportation Logistics
 (51) Int. Cl.
 F03D 9/32 (2016.01)
 H02N 2/18 (2006.01)
 F03D 3/00 (2006.01)
 H02K 7/18 (2006.01)
 (43) 05.12.2024
 (72) slennett-roberts, trent
 (74) trent William slennett-roberts

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 (21) 2024264618 (22) 13.11.2024
 (54) Adjusted thermal generation for food processing
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 A47J 31/44 (2006.01)
 A47J 43/046 (2006.01)
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 (21) 2024266703 (22) 19.11.2024
 (54) Dietary butyrate for treating or preventing an allergic disorder

(51) Int. Cl.
 A61K 31/23 (2006.01)
 A23K 20/158 (2016.01)
 A23L 5/00 (2016.01)
 A23L 33/00 (2016.01)
 A23L 33/115 (2016.01)
 A61K 31/203 (2006.01)
 A61P 37/08 (2006.01)
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(71) Soremartec S.A.
 (11) AU-A-2024203153
 (21) 2024203153 (22) 13.05.2024
 (54) CONTAINER FOR SURPRISES
 (51) Int. Cl.
 B65D 21/02 (2006.01)
 B65D 43/02 (2006.01)
 B65D 85/60 (2006.01)
 (31) 102023000010089 (32) 18.05.23 (33) IT
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 (72) Ricci, Fabio; Mansuino, Sergio
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Stanley Wire Limited
 (11) AU-A-2024202859
 (21) 2024202859 (22) 01.05.2024
 (54) Concrete Reinforcement
 (51) Int. Cl.
 E04C 5/06 (2006.01)
 B21F 1/02 (2006.01)
 B21F 3/04 (2006.01)
 B21F 3/08 (2006.01)
 B21F 23/00 (2006.01)
 B21F 45/00 (2006.01)
 (31) GB2307294.5 (32) 16.05.23 (33) GB
 (43) 05.12.2024
 (72) Ward, Christopher
 (74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) Stoke Therapeutics, Inc.
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 (54) Antisense oligomers for treatment of conditions and diseases
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 C12N 15/113 (2010.01)
 (43) 05.12.2024
 (62) 2021261909
 (72) AZNAREZ, Isabel; HAN, Zhou
 (74) FB Rice Pty Ltd

(71) SYSTEMS IP PTY LTD
 (11) AU-A-2024264734
 (21) 2024264734 (22) 18.11.2024
 (54) A playground apparatus with overpass
 (51) Int. Cl.
 A63B 17/00 (2006.01)
 A63B 9/00 (2006.01)
 A63G 31/00 (2006.01)

E04H 15/58 (2006.01)
 E04H 15/60 (2006.01)
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 (72) ANDON, Joe; Yamada, Akira; Williams, Michael
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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 (11) AU-A-2024220111
 (21) 2024220111 (22) 26.09.2024
 (54) Dengue Vaccine Unit Dose And Administration Thereof
 (51) Int. Cl.
 A61K 39/295 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/12 (2006.01)
 A61K 39/125 (2006.01)
 A61K 39/29 (2006.01)
 (43) 05.12.2024
 (62) 2019335006
 (72) WALLACE, Derek; LEFEVRE, Inge
 (74) WRAYS PTY LTD

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 (11) AU-A-2024203158
 (21) 2024203158 (22) 13.05.2024
 (54) Tool device and steerable-wheel assembly
 (51) Int. Cl.
 A01D 34/64 (2006.01)
 A01D 34/82 (2006.01)
 (31) 63/467,468 (32) 18.05.23 (33) US
 (43) 05.12.2024
 (72) RAY, Thomas; OGIYENKO, Denis; GIVENS, Robert; FAROOQUI, Shehzaan; D'ANGELO, Adam; EDDY, Conner; LAMBERT, Matt; KONDRO, Grzegorz; LALIBERTÉ, Eric; FELDKAMP, Jonathan
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP
 (11) AU-A-2024203159
 (21) 2024203159 (22) 13.05.2024
 (54) Tool device and steerable-wheel assembly
 (51) Int. Cl.
 A01D 34/64 (2006.01)
 A01D 34/82 (2006.01)
 (31) 63/467,468 (32) 18.05.23 (33) US
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(71) Techtronic Cordless GP
 (11) AU-A-2024203207
 (21) 2024203207 (22) 15.05.2024
 (54) Tool device and steerable-wheel assembly
 (51) Int. Cl.

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(72) RAY, Thomas; OGIYENKO, Denis; GIVENS, Robert; FAROOQUI, Shehz-
 aan; D'ANGELO, Adam; EDDY,
 Conner; LAMBERT, Matt; KON-
 DRO, Grzegorz; LALIBERTÉ, Eric;
 FELDKAMP, Jonathan; HOOD, Adam
 Benjamin
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 America, as represented by The Secretary,
 Department of Health and Human Services**
(21) 2024227725

(71) The Boeing Company
(11) AU-A-2024201362
(21) 2024201362 **(22)** 29.02.2024
(54) Systems and methods for remotely in-
 specting aircraft
(51) Int. Cl.
B64F 5/60 (2017.01)
G06T 7/00 (2017.01)
(31) 18/536,453 **(32)** 12.12.23 **(33)** US
 63/502,929 18.05.23 US
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(72) SWEERS, Gregory James; JARECKI,
 Walter Joseph
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(54) IMMUNOTHERAPY FOR
 POLYOMAVIRUSES
(51) Int. Cl.
A61K 39/12 (2006.01)
A61K 35/17 (2015.01)
A61K 39/295 (2006.01)
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(72) Khanna, Rajiv; Thomas, George Robin
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(74) James & Wells Intellectual Property

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(21) 2024259832

(71) The Raymond Corporation
(11) AU-A-2024264642
(21) 2024264642 **(22)** 14.11.2024
(54) MULTI-POSITION LOAD DETECTION
 SYSTEMS AND METHODS
(51) Int. Cl.
B66F 9/20 (2006.01)
G06Q 10/08 (2023.01)

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(62) 2019202422
(72) Tracy, Eric C.; Standard, Adam W.;
 Peterson, Robert J.
(74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) The Regents of the University of
 Michigan; University of Newcastle upon
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(21) 2024264692 **(22)** 15.11.2024
(54) Compositions and method for destabil-
 izing, altering, and dispersing biofilms
(51) Int. Cl.
A61K 31/198 (2006.01)
A61Q 11/00 (2006.01)
(43) 05.12.2024
(62) 2022271381
(72) RICKARD, Alexander; JAKUBOVICS,
 Nick; SAMARIAN, Derek S.; KOLDER-
 MAN, Ethan
(74) Davies Collison Cave Pty Ltd

(71) Thermodynamic Design, LLC
(11) AU-A-2024264652
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(54) CUSTOMIZABLE DATA MANAGE-
 MENT SYSTEM
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G06Q 30/02 (2023.01)
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(72) Christiansen, Brad; Hampton, Thomas;
 Vock, Michael; Wohlstadter, Jacob N.
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2024219754 **(22)** 16.09.2024
(54) T cell receptors which recognize
 mutated EGFR
(51) Int. Cl.
C07K 14/725 (2006.01)
(43) 05.12.2024
(62) 2019263233
(72) HANADA, Kenichi; ZHAO, Chihao; PA-
 SETTO, Anna; YANG, James C.
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(72) MALEKZADEH, Parisa; PARKHURST,
 Maria R.; LO, Winifred M.; PASETTO,
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 Yong-Chen; ROBBINS, Paul F.
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 resented by The Secretary, Department
 of Health and Human Services ; Teneo-
 bio, Inc.
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(54) Anti-B-cell maturation antigen chimeric
 antigen receptors with human domains
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
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(21) 2024205691 **(22)** 12.08.2024
(54) Poly(Ester Urea)s For Shape Memory
 And Drug Delivery
(51) Int. Cl.
A61K 9/00 (2006.01)
A61L 27/18 (2006.01)
A61L 27/58 (2006.01)
C08G 69/00 (2006.01)
C08G 71/02 (2006.01)
C08L 79/00 (2006.01)
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(72) BECKER, Matthew; PETERSON,
 Gregory Isaac; ABEL, Alexandra
(74) WRAYS PTY LTD

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(21) 2023203022 **(22)** 15.05.2023
(54) CONCAVE COVER PLATES FOR IM-
 PROVING OPERATIONAL PERFORM-
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(51) Int. Cl.
A01F 12/26 (2006.01)
A01F 7/06 (2006.01)
A01F 12/44 (2006.01)
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(72) Ruwoldt, Robert
(74) Wynnes Patent and Trade Mark Attor-
 neys Pty Ltd

(71) Tidel Engineering, L.P.
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(21) 2024264623 **(22)** 13.11.2024
(54) Systems and methods for till manage-
 ment
(51) Int. Cl.
G06Q 40/00 (2023.01)
G07D 9/02 (2006.01)

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(72) BOZEMAN, Steve; LEE, Jack;
 TAYLOR, Darren; REMIS, Steven
(74) FB Rice Pty Ltd

(71) Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2024200075
(21) 2024200075 **(22)** 05.01.2024
(54) Pitting corrosion propagation degree management system for rotor dovetail of steam turbine
(51) Int. Cl.
G06Q 10/0635 (2023.01)
(31) 2023-081448 **(32)** 17.05.23 **(33)** JP
(43) 05.12.2024
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(74) Davies Collision Cave Pty Ltd

(71) Tritana Intellectual Property Ltd.
(11) AU-A-2024264616
(21) 2024264616 **(22)** 13.11.2024
(54) WEED SEED DEVITALIZATION
(51) Int. Cl.
A01D 41/12 (2006.01)
A01D 75/00 (2006.01)
A01F 12/42 (2006.01)
A01F 12/44 (2006.01)
(43) 05.12.2024
(62) 2023255030
(72) Mayerle, Dean
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Unison Industries, LLC
(11) AU-A-2024201918
(21) 2024201918 **(22)** 26.03.2024
(54) AIR TURBINE STARTER WITH CONTAINMENT ASSEMBLY
(51) Int. Cl.
F02C 7/277 (2006.01)
F01D 21/04 (2006.01)
(31) 18/319,890 **(32)** 18.05.23 **(33)** US
(43) 05.12.2024
(72) Baddam, Nagendra; Patil, Sharad Pundlik; Meyers, Shiloh Montgomery
(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2024201919
(21) 2024201919 **(22)** 26.03.2024
(54) AIR TURBINE STARTER WITH CONTAINMENT ASSEMBLY
(51) Int. Cl.
F02C 7/277 (2006.01)
F01D 21/04 (2006.01)
(31) 18/319,868 **(32)** 18.05.23 **(33)** US
(43) 05.12.2024
(72) Baddam, Nagendra; Patil, Sharad Pundlik; Meyers, Shiloh Montgomery;

Jonalagadda, Dattu GV; Sebastian, Merin
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2024264692

(71) Valideck International Corporation
(11) AU-A-2024264700
(21) 2024264700 **(22)** 15.11.2024
(54) System, devices, and methods for acquiring and verifying online information
(51) Int. Cl.
G06F 17/00 (2019.01)
G06F 17/40 (2006.01)
G06Q 30/02 (2023.01)
(43) 05.12.2024
(62) 2019348201
(72) NARULA, Alok
(74) FB Rice Pty Ltd

(71) VBC HOLDINGS LLC
(11) AU-A-2024259728
(21) 2024259728 **(22)** 05.11.2024
(54) SEGMENTATION-BASED IMAGE PROCESSING FOR CONFLUENCY ESTIMATION
(51) Int. Cl.
G06T 7/00 (2017.01)
G06T 7/12 (2017.01)
G06T 7/155 (2017.01)
(43) 05.12.2024
(62) 2022292190
(72) PILUTTI, David; GOMES DOS SANTOS, Alison Willian; ARMANI, Francesco; CATTARUZZI, Giacomo
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Vermeer Manufacturing Company
(11) AU-A-2024266698
(21) 2024266698 **(22)** 19.11.2024
(54) Systems and methods for dewatering slurries
(51) Int. Cl.
C02F 1/40 (2023.01)
C02F 1/36 (2023.01)
C02F 1/52 (2023.01)
(43) 05.12.2024
(62) 2023200443
(72) ANDERSON, Gregory; STORM, Brandon; STROBEL, Andrew; LANOUE, Corey; ASKELSEN, Tayte; WHITTOME, Samuel Edmund; JONES, Ross Peter
(74) FPA Patent Attorneys Pty Ltd

(71) VOLVO AUTONOMOUS SOLUTIONS AB
(11) AU-A-2024202280
(21) 2024202280 **(22)** 10.04.2024
(54) Preventive deadlock classifier
(51) Int. Cl.
G08G 1/01 (2006.01)
B60W 60/00 (2020.01)

G08G 1/00 (2006.01)
G08G 1/16 (2006.01)
(31) 23173944.2 **(32)** 17.05.23 **(33)** EP
(43) 05.12.2024
(72) ROGENFELT, Åsa; HELLGREN, Jonas
(74) Griffith Hack

(71) Whirlpool Corporation
(11) AU-A-2024203278
(21) 2024203278 **(22)** 16.05.2024
(54) Coffee Machine Drip Tray With Integrated Storage
(51) Int. Cl.
A47J 31/44 (2006.01)
A47J 31/58 (2006.01)
A47J 31/60 (2006.01)
(31) 18/198,887 **(32)** 18.05.23 **(33)** US
(43) 05.12.2024
(72) YIN, Zhaoyi
(74) WRAYS PTY LTD

(71) Wing Aviation LLC
(11) AU-A-2024264624
(21) 2024264624 **(22)** 13.11.2024
(54) System for charging aerial vehicles
(51) Int. Cl.
B64C 1/00 (2006.01)
B60L 53/12 (2019.01)
B60L 53/16 (2019.01)
B60L 53/30 (2019.01)
B60L 53/35 (2019.01)
(43) 05.12.2024
(62) 2018304307
(72) RENOOLD, Nick; NUBBE, Matthew; SCHMALZRIED, Jim; BLAKE, Jesse; VELEZ, Scott; SANDERS, Dustin; BENSON, Stephen; TWYFORD, Evan
(74) Spruson & Ferguson

Zhejiang Jinko Solar Co., Ltd. see Shanghai Jinko Green Energy Enterprise Management Co. Ltd.
(21) 2024264689

(71) Zhongke Huiyuan Visual Technology (Luoyang) Co., Ltd
(11) AU-A-2023219815
(21) 2023219815 **(22)** 21.08.2023
(54) A defect detection method, device, electronic equipment and storage medium
(51) Int. Cl.
G06V 10/98 (2022.01)
G06N 3/02 (2006.01)
G06N 20/10 (2019.01)
G06T 7/40 (2017.01)
G06V 10/54 (2022.01)
(31) 202310549486.3 **(32)** 16.05.23 **(33)** CN
(43) 05.12.2024
(72) Zhang, Zhengtao; Lv, Chengkan; He, Yongyi
(74) Bill Smith

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2024264696 Mallinckrodt Pharmaceuticals Ireland Limited
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No IPC Mark

PCT applications which have entered the National Phase

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

<p>(71) 3D PLUS (11) AU-A-2023276802 (21) 2023276802 (22) 15.05.2023 (54) HEAT SINK FOR A 3D ELECTRONIC MODULE (51) Int. Cl. H01L 27/146 (2006.01) H01L 31/0203 (2014.01) (87) WO2023/227410 (31) FR2205065 (32) 25.05.22 (33) FR (43) 30.11.2023 (72) LE BLAY, Pierre (74) FB Rice Pty Ltd</p>	<p>(87) WO2023/217385 (43) 16.11.2023 (72) VIJAYAKUMAR, Nandhakumar; PAI, Rajesh (74) Griffith Hack</p>	<p>(21) 2023279413 (22) 29.05.2023 (54) AUTOMATED DRIVING METHOD EXECUTED BY ARTICULATED VEHICLE (51) Int. Cl. B60W 30/10 (2006.01) B60W 30/045 (2012.01) B60W 60/00 (2020.01) B62D 6/00 (2006.01) B62D 101/00 (2006.01) B62D 113/00 (2006.01) B62D 115/00 (2006.01) B62D 131/00 (2006.01) (87) WO2023/234271 (31) 2022-088186 (32) 31.05.22 (33) JP 2022-159300 03.10.22 JP (43) 07.12.2023 (72) MOMIYAMA Fujio; KASAI Yusuke; SOMA Fuminori; YOSHINAGA Yasuo; HAZAKA Yoshinori; FUWA Kunihiro; MATSUMOTO Yuuki; KONDO Sou; WATANABE Kenji; KASHIWADA Yosuke; TAKAO Chiaki (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd</p>
<p>(71) 6 OVER 6 VISION LTD. (11) AU-A-2023291510 (21) 2023291510 (22) 20.06.2023 (54) SINGLE DEVICE REMOTE VISUAL ACUITY TESTING SYSTEMS AND METHODS (51) Int. Cl. A61B 3/028 (2006.01) A61B 3/032 (2006.01) G06T 7/00 (2017.01) G06T 7/70 (2017.01) G06V 10/44 (2022.01) A61B 3/00 (2006.01) G06T 7/80 (2017.01) (87) WO2023/242635 (31) 63/353,485 (32) 17.06.22 (33) US (43) 21.12.2023 (72) LIMON, Ofer (74) James & Wells Intellectual Property</p>	<p>(71) ACERGY FRANCE SAS (11) AU-A-2023308427 (21) 2023308427 (22) 07.07.2023 (54) INITIATION OF SUBSEA INSTALLATION OPERATIONS (51) Int. Cl. F16L 1/16 (2006.01) E21B 43/013 (2006.01) (87) WO2024/013564 (31) 2210296.6 (32) 13.07.22 (33) GB (43) 18.01.2024 (72) GEROMETTA, Gérald; JANOT, Johan; RUSTAME, Mirvais; REAGAN, Perdinan (74) Allens Patent & Trade Mark Attorneys</p>	<p>(71) AGR LITHIUM INC. (11) AU-A-2023272835 (21) 2023272835 (22) 15.05.2023 (54) METHOD AND SYSTEM FOR RECOVERY OF ELECTRODE METALS FROM SPENT LITHIUM ION BATTERIES (51) Int. Cl. C22B 15/00 (2006.01) C22B 21/00 (2006.01) C22B 23/00 (2006.01) C22B 7/00 (2006.01) C22B 26/12 (2006.01) C22B 47/00 (2006.01) (87) WO2023/224907 (31) 63/342,422 (32) 16.05.22 (33) US 63/392,290 26.07.22 US (43) 23.11.2023 (72) NAIK, Amol; SINGH, Rupesh; TYAGI, Vipin; CHADHA, Nishchay (74) Spruson & Ferguson</p>
<p>(71) AARDEVO B.V. (11) AU-A-2023273972 (21) 2023273972 (22) 16.05.2023 (54) POLLINATION CAGE AND POLLINATION METHOD (51) Int. Cl. A01H 1/02 (2006.01) (87) WO2023/222684 (31) 2207418.1 (32) 20.05.22 (33) GB (43) 23.11.2023 (72) FREDERICK, Curtis; MUILWIJK, Ruben Hendrik (74) FB Rice Pty Ltd</p>	<p>(71) ACLIPSE TWO INC. (11) AU-A-2023255685 (21) 2023255685 (22) 19.04.2023 (54) TREATMENT OF GASTROINTESTINAL DISEASES (51) Int. Cl. A61K 31/44 (2006.01) A61K 31/38 (2006.01) A61K 31/381 (2006.01) A61K 31/395 (2006.01) A61K 31/435 (2006.01) A61K 31/33 (2006.01) (87) WO2023/205683 (31) 63/332,778 (32) 20.04.22 (33) US (43) 26.10.2023 (72) SHAN, Ning (74) LAMINAR IP PTY LTD</p>	<p>(71) AGSCENT PTY LTD (11) AU-A-2023256499 (21) 2023256499 (22) 17.04.2023 (54) METHOD FOR DETERMINING WHETHER A BOVINE HAS A RESPIRATORY DISEASE (51) Int. Cl. G01N 33/497 (2006.01) A61B 5/08 (2006.01) A61B 5/097 (2006.01) A61B 10/00 (2006.01) G01N 30/86 (2006.01) (87) WO2023/201387 (31) 2022901042 (32) 20.04.22 (33) AU</p>
<p>(71) ABB SCHWEIZ AG (11) AU-A-2022457614 (21) 2022457614 (22) 13.05.2022 (54) STABILIZING VOLTAGE AND FREQUENCY AT A POINT OF COMMON COUPLING OF AN INDUSTRIAL FACILITY (51) Int. Cl. H02J 3/14 (2006.01) H02J 3/18 (2006.01) H02J 3/28 (2006.01)</p>	<p>(71) ADAPTIVE MANOMETER SYSTEMS, INC. (11) AU-A-2023259347 (21) 2023259347 (22) 25.04.2023 (54) ASBESTOS ABATEMENT DEVICES, SYSTEMS, AND METHODS (51) Int. Cl. G01L 19/08 (2006.01) G01L 9/00 (2006.01) G01L 27/00 (2006.01) G01L 9/12 (2006.01) (87) WO2023/212544 (31) 63/335,158 (32) 26.04.22 (33) US (43) 02.11.2023 (72) WOLFE, Heath; HUFF, Billy (74) AJ PARK</p>	<p>(71) ADVANCED SMART MOBILITY CO., LTD (11) AU-A-2023279413</p>

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 (74) FPA Patent Attorneys Pty Ltd

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 A61B 3/10 (2006.01)
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 G06T 7/00 (2017.01)
 G06V 10/82 (2022.01)
 G16H 50/20 (2018.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 A61B 3/10 (2006.01)
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 E01C 13/08 (2006.01)
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 (74) Kings Patent & Trade Marks Attorneys Pty Ltd

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 (54) A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED ELECTRICAL SMELTING FURNACE
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 C21B 13/00 (2006.01)
 C21B 13/14 (2006.01)
 C21C 5/46 (2006.01)
 C21C 7/00 (2006.01)
 C21C 7/064 (2006.01)
 F27B 3/18 (2006.01)
 F27D 3/18 (2006.01)
 (87) WO2024/023565
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 (72) HUBER, Jean-Christophe; SANCHEZ, Mathieu; DEPLECHIN, Simon Pierre
 (74) PHILLIPS ORMONDE FITZPATRICK

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 C21B 13/00 (2006.01)
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 C21C 5/46 (2006.01)
 C21C 7/00 (2006.01)
 C21C 7/064 (2006.01)
 F27B 3/10 (2006.01)
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 F27D 3/14 (2006.01)
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 (72) SANCHEZ, Mathieu; HUBER, Jean-Christophe
 (74) PHILLIPS ORMONDE FITZPATRICK

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F16D 1/08 (2006.01)
F24S 30/00 (2018.01)
H02S 20/32 (2014.01)
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C07K 14/705 (2006.01)
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C07K 14/725 (2006.01)
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(72) COOPER, Aaron; CHOE, Joseph; KYRIAZOPOULOU PANAGIOTOPOULOU, Sofia; SANDOVAL, Marian; SHAVEY, Gavin; SANTORO, Stephen; CASSEREAU, Luke; HSU, Brian; HALL, Jason; BEZMAN, Natalie; GARDNER, Thomas; YAO, Anzhi
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(54) SUTURE CONSTRUCTS AND METHODS OF TISSUE FIXATION
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A61L 17/06 (2006.01)
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B67D 1/08 (2006.01)
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C12H 1/16 (2006.01)
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A61K 48/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(74) Davies Collison Cave Pty Ltd
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A61N 1/378 (2006.01)
H02J 7/00 (2006.01)
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A61N 1/365 (2006.01)
A61N 1/368 (2006.01)
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C07C 59/235 (2006.01)
C07C 59/245 (2006.01)
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C08J 5/00 (2006.01)
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C12M 3/02 (2006.01)
C12N 5/079 (2010.01)
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 C07K 16/28 (2006.01)
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 H04W 12/106 (2021.01)
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 H04L 9/40 (2022.01)
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A61K 35/545 (2015.01)
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C12N 5/074 (2010.01)
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G09B 23/40 (2006.01)
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G01L 1/14 (2006.01)
G01D 3/036 (2006.01)
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 (74) RnB IP Pty Ltd
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- (71) CHART ENERGY & CHEMICALS, INC.
 (11) AU-A-2023273808
 (21) 2023273808 (22) 15.05.2023
 (54) SYSTEM AND METHOD FOR COOLING FLUIDS CONTAINING HYDROGEN OR HELIUM
 (51) Int. Cl.
F25J 1/00 (2006.01)

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F25J 1/02 (2006.01)
(87) WO2023/225476
(31) 63/342,338 **(32)** 16.05.22 **(33)** US
(43) 23.11.2023
(72) DUCOTE, Douglas, A., Jr.; GUSH-ANAS, Timothy, P.; HEYRMAN, Brent, A.; SCHWARTZ, Joseph, M.; WATT, Mathew, R.
(74) Spruson & Ferguson

(71) CHEMETICS INC.
(11) AU-A-2023276188
(21) 2023276188 **(22)** 17.05.2023
(54) TAIL GAS TREATMENT SYSTEM AND METHOD FOR A SULFURIC ACID PRODUCTION PLANT
(51) Int. Cl.
C01B 17/80 (2006.01)
B01D 53/14 (2006.01)
C01B 17/74 (2006.01)
(87) WO2023/225742
(31) 63/346,579 **(32)** 27.05.22 **(33)** US
(43) 30.11.2023
(72) DIJKSTRA, Rene
(74) Davies Collison Cave Pty Ltd

(71) CHEVRON U.S.A. INC.
(11) AU-A-2022457103
(21) 2022457103 **(22)** 02.05.2022
(54) EVALUATING CHOKE VALVE PERFORMANCE DURING SUBTERRANEAN FIELD OPERATIONS
(51) Int. Cl.
E21B 34/02 (2006.01)
E21B 34/04 (2006.01)
E21B 43/12 (2006.01)
E21B 43/25 (2006.01)
E21B 47/06 (2012.01)
(87) WO2023/214958
(43) 09.11.2023
(72) AN, Hailing; NILESHWAR, James
(74) FPA Patent Attorneys Pty Ltd

(71) CHEVRON U.S.A. INC.
(11) AU-A-2023278887
(21) 2023278887 **(22)** 02.06.2023
(54) QUANTIFICATION OF LIQUID AND CORRECTION OF GAS FLOW RATE IN A GAS PIPELINE USING PHASE BEHAVIOR
(51) Int. Cl.
G01F 15/04 (2006.01)
G01F 1/12 (2006.01)
G01F 1/325 (2022.01)
G01F 1/74 (2006.01)
G01F 3/30 (2006.01)
G01F 25/10 (2022.01)
G01N 21/85 (2006.01)
(87) WO2023/235583
(31) 63/348,832 **(32)** 03.06.22 **(33)** US
(43) 07.12.2023
(72) CHACON, Pamela I.; BRENSKELLE, Lisa A.
(74) Davies Collison Cave Pty Ltd

(71) CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
(11) AU-A-2023260278
(21) 2023260278 **(22)** 27.04.2023
(54) PYRAZOLE-SUBSTITUTED CYCLOPENTANOL ESTER DERIVATIVE AND USE THEREOF
(51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/395 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/454 (2006.01)
A61P 35/00 (2006.01)
C07D 231/38 (2006.01)
(87) WO2023/208143
(31) 202210469621.9 **(32)** 28.04.22 **(33)** CN
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(72) ZHANG, Yinsheng; GAO, Yong; CAO, Bin; WANG, Jinan; ZHAO, Damin
(74) Davies Collison Cave Pty Ltd

(71) CHIESI FARMACEUTICI S.P.A.
(11) AU-A-2023262106
(21) 2023262106 **(22)** 26.04.2023
(54) CRYSTAL FORM OF A PDE4 INHIBITOR
(51) Int. Cl.
C07D 213/89 (2006.01)
A61K 31/44 (2006.01)
A61P 11/00 (2006.01)
(87) WO2023/208982
(31) 22170229.3 **(32)** 27.04.22 **(33)** EP
(43) 02.11.2023
(72) AMADEI, Francesco; BASSANETTI, Irene; FORNASARI, Luca
(74) WRAYS PTY LTD

(71) CHILDREN'S MEDICAL RESEARCH INSTITUTE
(11) AU-A-2023267474
(21) 2023267474 **(22)** 12.05.2023
(54) ADENO-ASSOCIATED VIRUS CAPSIDS
(51) Int. Cl.
C07K 14/005 (2006.01)
A61K 48/00 (2006.01)
A61P 37/04 (2006.01)
C07K 14/015 (2006.01)
C12N 7/00 (2006.01)
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
C12N 15/90 (2006.01)
(87) WO2023/215947
(31) 2022901281 **(32)** 13.05.22 **(33)** AU
(43) 16.11.2023
(72) WESTHAUS, Adrian; LISOWSKI, Leszek
(74) Davies Collison Cave Pty Ltd

(71) CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC RESEARCH INSTITUTE OF PETROLEUM PROCESSING CO., LTD.
(11) AU-A-2023280419

(21) 2023280419 **(22)** 30.05.2023
(54) PSEUDO-BOEHMITE AND PREPARATION METHOD THEREFOR, AND CATALYTIC CRACKING CATALYST COMPRISING PSEUDO-BOEHMITE AND PREPARATION AND USE THEREOF
(51) Int. Cl.
C01F 7/142 (2022.01)
B01J 21/04 (2006.01)
B01J 32/00 (2006.01)
(87) WO2023/232021
(31) 202210598594.5 **(32)** 30.05.22 **(33)** CN
 202210598742.3 30.05.22 CN
(43) 07.12.2023
(72) YUAN, Shuai; LIN, Wei; YU, Shanqing; LIU, Bo; LIU, Yuqing; YAN, Jiasong; SONG, Haitao
(74) Churchill Attorneys

(71) CLASADO LIMITED
(11) AU-A-2023288094
(21) 2023288094 **(22)** 24.06.2023
(54) COMPOSITION OF GALACTOOLIGOSACCHARIDES AND USES THEREOF
(51) Int. Cl.
A61K 31/702 (2006.01)
A61K 9/00 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
A61P 11/00 (2006.01)
A61P 31/00 (2006.01)
(87) WO2023/247790
(31) 2209335.5 **(32)** 24.06.22 **(33)** GB
(43) 28.12.2023
(72) MARUSZAK, Aleksandra; HARTHORN, Lucien; WILLIAMS, Neil
(74) Spruson & Ferguson

(71) CLEAN PLANET INC.
(11) AU-A-2023277884
(21) 2023277884 **(22)** 19.04.2023
(54) POTENTIAL DIFFERENCE GENERATION DEVICE
(51) Int. Cl.
F24V 30/00 (2018.01)
H01M 8/00 (2016.01)
H01M 14/00 (2006.01)
(87) WO2023/228630
(31) 2022-084169 **(32)** 23.05.22 **(33)** JP
(43) 30.11.2023
(72) IWAMURA Yasuhiro; ITOH Takehiko; YAMAUCHI Shinobu; TAKAHASHI Tomonori; YOSHINO Hideki
(74) Spruson & Ferguson

(71) COLGATE-PALMOLIVE COMPANY
(11) AU-A-2023281623
(21) 2023281623 **(22)** 02.06.2023
(54) SKIN CARE COMPOSITIONS AND METHODS OF USE
(51) Int. Cl.
A61K 8/67 (2006.01)
A61K 8/73 (2006.01)
A61K 31/341 (2006.01)
A61K 31/728 (2006.01)
A61P 17/02 (2006.01)
A61Q 19/00 (2006.01)

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(31) 63/348,630 **(32)** 03.06.22 **(33)** US
(43) 07.12.2023
(72) COHEN, Aaron; MAO, Junhong; BOYD, Thomas
(74) Spruson & Ferguson

(71) COLLIBRA BELGIUM BV
(11) AU-A-2023282575
(21) 2023282575 **(22)** 30.05.2023
(54) REFLECTED DISTRIBUTED DATA ACCESS
(51) Int. Cl.
G06F 21/62 (2013.01)
G06F 3/06 (2006.01)
G06F 16/215 (2019.01)
H04L 67/1097 (2022.01)
(87) WO2023/237379
(31) 17/837,857 **(32)** 10.06.22 **(33)** US
(43) 14.12.2023
(72) VAKS, Vadim; CHANNING, Christopher
(74) CreatelP

(71) COMUS CONSTRUCTION, LLC
(11) AU-A-2023272413
(21) 2023272413 **(22)** 18.05.2023
(54) POZZOLAN BASED CEMENT AND METHOD OF MAKING AND USING SAME
(51) Int. Cl.
C04B 20/02 (2006.01)
C04B 28/04 (2006.01)
(87) WO2023/225184
(31) 63/343,995 **(32)** 19.05.22 **(33)** US
 63/389,635 15.07.22 US
 63/467,143 17.05.23 US
(43) 23.11.2023
(72) HILL, Brad
(74) PHILLIPS ORMONDE FITZPATRICK

(71) CONOCOPHILLIPS COMPANY
(11) AU-A-2023272962
(21) 2023272962 **(22)** 22.05.2023
(54) SYSTEMS AND METHODS FOR MULTI-PERIOD OPTIMIZATION FORECASTING WITH PARALLEL EQUATION-ORIENTED MODELS
(51) Int. Cl.
E21B 49/00 (2006.01)
E21B 44/00 (2006.01)
G06Q 10/04 (2023.01)
G06F 11/10 (2006.01)
G06Q 50/06 (2012.01)
(87) WO2023/225387
(31) 63/344,160 **(32)** 20.05.22 **(33)** US
(43) 23.11.2023
(72) BABCOCK, Bradley G.; RISINGER, Emma; MAHER, Michael T.; WIDNER, Christopher
(74) RnB IP Pty Ltd

(71) CONOCOPHILLIPS COMPANY
(11) AU-A-2023330001
(21) 2023330001 **(22)** 21.07.2023
(54) SUCKER ROD WIPING TOOL
(51) Int. Cl.

E21B 37/02 (2006.01)
B08B 9/023 (2006.01)
E21B 17/10 (2006.01)
E21B 33/08 (2006.01)
(87) WO2024/044441
(31) 63/373,573 **(32)** 26.08.22 **(33)** US
(43) 29.02.2024
(72) BURKE, Jason; WHITE, Matthew; PRIVRATSKY, Joseph
(74) PHILLIPS ORMONDE FITZPATRICK

(71) CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (CONICET); UNIVERSIDAD NACIONAL DE TUCUMÁN; SISTEMA PROVINCIAL DE SALUD DE TUCUMÁN; SKYBIO LLC; UNIVERSIDAD DE BUENOS AIRES
(11) AU-A-2023264886
(21) 2023264886 **(22)** 05.05.2023
(54) DEVICE AND METHOD FOR THE DETECTION OF BIOMARKERS ASSOCIATED WITH NEURODEGENERATIVE DISEASES
(51) Int. Cl.
G01N 33/543 (2006.01)
G01N 33/68 (2006.01)
(87) WO2023/214381
(31) 63/339,220 **(32)** 06.05.22 **(33)** US
(43) 09.11.2023
(72) VARELA, Oscar José; CHEHÍN, Rosana Nieves; ÁVILA, Cesar Luis; SOCÍAS, Sergio Benjamín; PLOPER, Diego; VERA PINGITORE, Esteban; LUONG, Martín; MANZANO, Verónica Elena; MADRID, Rossana Elena; KOLENDER, Adriana Andrea; MACHÍN, María Belén; PERNICONE, Agustín Osvaldo; SOLIZ SANTANDER, Silvana Estefanía
(74) Southern Cross Intellectual Property

(71) COOK MEDICAL TECHNOLOGIES LLC
(11) AU-A-2023255602
(21) 2023255602 **(22)** 11.04.2023
(54) DUAL GENETIC REPORTERS IN HUMAN PLURIPOTENT CELLS FOR USE AS ALTERNATIVE TO MOUSE EMBRYO ASSAY
(51) Int. Cl.
C12N 5/0735 (2010.01)
C12N 5/074 (2010.01)
(87) WO2023/205576
(31) 63/332,782 **(32)** 20.04.22 **(33)** US
(43) 26.10.2023
(72) DANN, Christina, Tenenhaus; MC-SWAIN, Brianna, Michele; MULLEN, Steve; SHELTON, Kassi
(74) PHILLIPS ORMONDE FITZPATRICK

(71) COOLER KEG, LLC
(11) AU-A-2023263957
(21) 2023263957 **(22)** 27.04.2023
(54) INSULATED CONTAINER SYSTEM FOR TRANSPORTING AND DISPENSING PRESSURIZED COLD LIQUIDS
(51) Int. Cl.
B67D 1/04 (2006.01)

B67D 1/02 (2006.01)
B67D 1/08 (2006.01)
B67D 1/12 (2006.01)
F25D 3/02 (2006.01)
(87) WO2023/215177
(31) 63/337,505 **(32)** 02.05.22 **(33)** US
(43) 09.11.2023
(72) BERNAS, Anthony; SCHMIDT, Kyle
(74) Golja Haines & Friend

(71) CORTEVA AGRISCIENCE LLC
(11) AU-A-2023278798
(21) 2023278798 **(22)** 18.05.2023
(54) CRYSTALLINE FORMS OF PICOLINAMIDE FUNGICIDE COMPOUND
(51) Int. Cl.
B01D 9/02 (2006.01)
A61K 31/44 (2006.01)
C07D 213/69 (2006.01)
C30B 29/54 (2006.01)
(87) WO2023/235153
(31) 63/365,532 **(32)** 31.05.22 **(33)** US
(43) 07.12.2023
(72) LONG, Caroline; MILLER, Adriane; MUEHLFELD, Mark P.; WEBB, Nicola; ZHAO, Xiaowen
(74) FPA Patent Attorneys Pty Ltd

(71) CPC ENGINEERING PTY LTD
(11) AU-A-2023266402
(21) 2023266402 **(22)** 05.05.2023
(54) CONVEYOR SKIRTING REMOVAL SYSTEM
(51) Int. Cl.
B65G 21/20 (2006.01)
(87) WO2023/215935
(31) 2022901234 **(32)** 09.05.22 **(33)** AU
(43) 16.11.2023
(72) WARNER, Graham Trevor; WARNER, Joshua; LLOYD, Brad Michael John
(74) WRAYS PTY LTD

(71) CROP.ZONE GMBH
(11) AU-A-2023282557
(21) 2023282557 **(22)** 12.05.2023
(54) SAFETY DEVICE FOR MONITORING A TREATMENT DEVICE FOR PLANTS
(51) Int. Cl.
A01M 21/04 (2006.01)
(87) WO2023/237289
(31) 10 2022 114 635.9 **(32)** 10.06.22 **(33)** DE
(43) 14.12.2023
(72) EFFEY, Fabian; GALONSKA, Ronny; FRINGS, Peter; SCHOLLMEYER, Johannes; RADER, Manfred; ANDRES, Achim
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) CROP.ZONE GMBH
(11) AU-A-2023283598
(21) 2023283598 **(22)** 12.05.2023
(54) MONITORING APPARATUS FOR MONITORING A TREATMENT APPARATUS FOR CROPS
(51) Int. Cl.
A01M 21/04 (2006.01)

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 (31) 10.2022 114 636.7 (32) 10.06.22 (33) DE
 (43) 14.12.2023
 (72) EFFEY, Fabian
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) CRYOLEC LIMITED
 (11) AU-A-2023255328
 (21) 2023255328 (22) 21.04.2023
 (54) AN INDUCTION HEATER
 (51) Int. Cl.
H05B 6/10 (2006.01)
 (87) WO2023/203335
 (31) 2205797.0 (32) 21.04.22 (33) GB
 (43) 26.10.2023
 (72) BURRELL, Andrew
 (74) Argon IP Advisory Pty Ltd
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- (71) CY BIOPHARMA AG
 (11) AU-A-2023267923
 (21) 2023267923 (22) 09.05.2023
 (54) SYNTHESIS OF GLYCOSYLATED HYDROXYTRYPTAMINE COMPOUNDS AND METHODS OF THEIR USE
 (51) Int. Cl.
C12P 19/18 (2006.01)
A61K 31/7056 (2006.01)
C12P 19/60 (2006.01)
 (87) WO2023/217800
 (31) 63/339,560 (32) 09.05.22 (33) US
 63/373,693 26.08.22 US
 (43) 16.11.2023
 (72) MORRISON, James
 (74) Spruson & Ferguson
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- (71) DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.
 (11) AU-A-2023277524
 (21) 2023277524 (22) 24.05.2023
 (54) INFORMATION PROCESSING METHOD AND APPARATUS, AND READABLE STORAGE MEDIUM
 (51) Int. Cl.
H04W 24/08 (2009.01)
 (87) WO2023/227020
 (31) 202210579102.8 (32) 25.05.22 (33) CN
 (43) 30.11.2023
 (72) QUAN, Haiyang; LI, Jianxiang; TIAN, Xiaoyang; ZHANG, Bufang; JIA, Yinan
 (74) Adams Pluck
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- (71) DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
 (11) AU-A-2023290086
 (21) 2023290086 (22) 13.06.2023
 (54) FLOW DISTRIBUTOR FOR BATCH OR SEMI-BATCH HYPERFILTRATION SYSTEM
 (51) Int. Cl.
B01D 65/00 (2006.01)
B01D 61/08 (2006.01)
B01D 61/10 (2006.01)
B01D 65/08 (2006.01)
 (87) WO2023/244555
 (31) 63/351,594 (32) 13.06.22 (33) US
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 (72) HUEHMER, Robert; JONS, Steven; NADAV, Ran; FRANKLIN, Luke; JOHN-SON, Jon
 (74) Houlihan Intellectual Property Pty Ltd
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- (71) DEPUY SYNTHES PRODUCTS, INC.
 (11) AU-A-2023256921
 (21) 2023256921 (22) 14.04.2023
 (54) RETROGRADE FEMORAL INTRAMEDULLARY NAIL, AND RELATED SYSTEMS AND METHODS
 (51) Int. Cl.
A61B 17/74 (2006.01)
A61B 17/17 (2006.01)
 (87) WO2023/203456
 (31) 17/725,865 (32) 21.04.22 (33) US
 (43) 26.10.2023
 (72) SHINDE, Rohit; KEYER, Thomas; COWENS, David; MCMANUS, Joshua; SCHMITT, Raymond; BUSHELOW, Michael; KMEC JR., Stanley J.; GABELBERGER, Josef
 (74) Spruson & Ferguson
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- (71) DUALITY BIOLOGICS (SUZHOU) CO., LTD.
 (11) AU-A-2023282410
 (21) 2023282410 (22) 06.06.2023
 (54) ANTI-B7H3 ANTIBODY-DRUG CONJUGATE AND USE THEREOF
 (51) Int. Cl.
A61K 47/65 (2017.01)
A61K 31/4745 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
 (87) WO2023/236949
 (31) 202210638941.2 (32) 07.06.22 (33) CN
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 (43) 14.12.2023
 (72) ZHU, Zhongyuan; ZHONG, Chen; ZHANG, Yu; LI, Chenggang
 (74) FPA Patent Attorneys Pty Ltd
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- (71) DYNATEST A/S
 (11) AU-A-2023262553
 (21) 2023262553 (22) 27.04.2023
 (54) GEOPHONE FAULT DETECTION
 (51) Int. Cl.
G01V 1/18 (2006.01)
G01M 7/08 (2006.01)
G01V 1/147 (2006.01)
G01V 13/00 (2006.01)
 (87) WO2023/209069
 (31) PA202270228 (32) 29.04.22 (33) DK
 (43) 02.11.2023
 (72) ANCKER, Emil Vincent; ANCKER, Jens Vincent
 (74) FB Rice Pty Ltd
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- (71) DYNNO NOBEL INC.
 (11) AU-A-2023360361
 (21) 2023360361 (22) 27.06.2023
 (54) GEOMETRIC EXPLOSIVE CHARGES, SYSTEMS, AND RELATED METHODS
 (51) Int. Cl.
F42D 1/10 (2006.01)
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- C06B 47/14* (2006.01)
F42D 1/20 (2006.01)
F42D 3/04 (2006.01)
 (87) WO2024/081454
 (31) 63/367,451 (32) 30.06.22 (33) US
 63/367,453 30.06.22 US
 (43) 18.04.2024
 (72) JENSEN, David Scott; GORDON, David Lynn
 (74) Spruson & Ferguson
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 (11) AU-A-2023279812
 (21) 2023279812 (22) 30.05.2023
 (54) HIGHLY EFFECTIVE ADOPTIVE T CELL THERAPY
 (51) Int. Cl.
A61K 35/17 (2015.01)
A61K 38/17 (2006.01)
A61K 38/20 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61K 47/50 (2017.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
 (87) WO2023/232810
 (31) 22176190.1 (32) 30.05.22 (33) EP
 (43) 07.12.2023
 (72) TANG, Li; GUO, Yugang; FENG, Bing
 (74) Collison & Co
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- (71) EDWARDS LIFESCIENCES CORPORATION
 (11) AU-A-2023276404
 (21) 2023276404 (22) 19.05.2023
 (54) PERICARDIAL TRANSECTION DEVICES AND METHOD
 (51) Int. Cl.
A61B 17/32 (2006.01)
A61B 17/3209 (2006.01)
A61B 17/00 (2006.01)
A61B 17/3211 (2006.01)
A61B 18/14 (2006.01)
 (87) WO2023/229937
 (31) 63/346,314 (32) 26.05.22 (33) US
 (43) 30.11.2023
 (72) KASHER, Yuval; KERSH, Dikla
 (74) Spruson & Ferguson
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- (71) EINSTED CORPORATION
 (11) AU-A-2023272582
 (21) 2023272582 (22) 16.05.2023
 (54) SYSTEM AND METHOD FOR CAPTURING AND CONVERTING GREENHOUSE GASES
 (51) Int. Cl.
B01D 53/22 (2006.01)
B01D 53/32 (2006.01)
 (87) WO2023/225024
 (31) 63/364,787 (32) 16.05.22 (33) US
 (43) 23.11.2023
 (72) ROMERO, Valeria; RODRIGUEZ, Isaac; SILES, Angela; ESQUIVEL, Gabriel; OLAIZ, Nahuel
 (74) FPA Patent Attorneys Pty Ltd

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(71) ELEKTROFI, INC.
 (11) AU-A-2023260936
 (21) 2023260936 (22) 28.04.2023
 (54) INJECTABLE SUSPENSIONS
 (51) Int. Cl.
 A61K 9/10 (2006.01)
 A61K 39/395 (2006.01)
 A61K 47/26 (2006.01)
 (87) WO2023/212721
 (31) 63/336,743 (32) 29.04.22 (33) US
 (43) 02.11.2023
 (72) BROWN, Paul; DADON, Daniel, Benjamin; IVEY, James, W.; KHWAJA, Moin; LIU, Lisa; SCHIEFERSTEIN, Jeremy; SHADBAR, Sadiqua
 (74) James & Wells Intellectual Property

(71) ELEMENT BIOSCIENCES, INC.
 (11) AU-A-2023258027
 (21) 2023258027 (22) 19.04.2023
 (54) REITERATIVE SHORT READ SEQUENCING INSIDE A CELLULAR SAMPLE
 (51) Int. Cl.
 C12Q 1/6874 (2018.01)
 C12Q 1/6869 (2018.01)
 G01N 15/14 (2006.01)
 G01N 33/58 (2006.01)
 (87) WO2023/205707
 (31) 63/332,690 (32) 20.04.22 (33) US
 63/334,023 22.04.22 US
 (43) 26.10.2023
 (72) LIU, Tsung-Li; ARSLAN, Sinan; PREVITE, Michael; BEN-YEHEZKEL, Tuval; THOMPSON, Connor; KELLINGER, Matthew; MAH, Hui Zhen; HE, Molly; PRICE, Andrew
 (74) FB Rice Pty Ltd

(71) ELEXSYS IP PTY LTD
 (11) AU-A-2022262830
 (21) 2022262830 (22) 14.04.2022
 (54) METHOD OF CONTROLLING ELECTRICAL POWER REGULATING SYSTEM AND INVERTER DEVICE THEREOF
 (51) Int. Cl.
 H02M 1/00 (2007.01)
 H02J 3/00 (2006.01)
 H02J 3/32 (2006.01)
 H02J 3/38 (2006.01)
 H02J 7/35 (2006.01)
 H02M 1/12 (2006.01)
 H02M 3/157 (2006.01)
 H02M 5/04 (2006.01)
 H02M 7/06 (2006.01)
 H02M 7/17 (2006.01)
 H02M 7/44 (2006.01)
 H02M 7/487 (2007.01)
 H02M 7/493 (2007.01)
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 (51) Int. Cl.
 C07D 211/34 (2006.01)
 A61K 31/4523 (2006.01)
 A61P 29/00 (2006.01)
 C07D 401/04 (2006.01)
 C07D 401/06 (2006.01)
 C07D 405/12 (2006.01)
 C07D 471/04 (2006.01)
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 (21) 2023282453 (22) 01.06.2023
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 H02J 3/32 (2006.01)
 H02J 3/28 (2006.01)
 H02J 3/38 (2006.01)
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 (51) Int. Cl.
 B65D 19/38 (2006.01)
 B65D 6/18 (2006.01)
 B65D 19/06 (2006.01)
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 (74) Michael Buck IP

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 (54) AN ELECTRODE STACK ASSEMBLY FOR A METAL HYDROGEN BATTERY
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 H01M 50/54 (2021.01)
 H01M 50/26 (2021.01)
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 H10K 85/50 (2023.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2023272084
 (21) 2023272084 (22) 15.05.2023
 (54) BLOOD-BRAIN BARRIER TRANSLOCATING PEPTIDES AND RELATED MOLECULES AND METHODS OF USE THEREOF
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 A61K 38/00 (2006.01)
 C07K 7/08 (2006.01)
 C07K 14/415 (2006.01)
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 (54) ALUMINIUM SMELTING METHOD & APPARATUS
 (51) Int. Cl.
 C25C 3/08 (2006.01)
 C25C 3/06 (2006.01)
 C25C 3/20 (2006.01)
 F24D 19/00 (2006.01)
 F27B 14/00 (2006.01)

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(72) DEPREE, Nicholas Brian
(74) PIPERS
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- (71)** EPIROC ROCK DRILLS AKTIEBOLAG
(11) AU-A-2022461227
(21) 2022461227 **(22)** 02.06.2022
(54) METHOD AND SYSTEM FOR LOCATING STATIONARY OBJECTS IN AN UNDERGROUND ENVIRONMENT
(51) Int. Cl.
H04W 64/00 (2009.01)
G01S 5/02 (2010.01)
H04W 4/029 (2018.01)
(87) WO2023/234812
(43) 07.12.2023
(72) WAHLQUIST, Hans
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(11) AU-A-2022461467
(21) 2022461467 **(22)** 03.06.2022
(54) A METHOD FOR REAL-TIME ADJUSTMENT OF AT LEAST ONE DRILLING PARAMETER DURING ROCK DRILLING BY A DRILLING MACHINE
(51) Int. Cl.
E21B 49/00 (2006.01)
E21B 44/00 (2006.01)
(87) WO2023/234819
(43) 07.12.2023
(72) PERSSON, Anders; MALM, Patrik
(74) WRAYS PTY LTD
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(11) AU-A-2022464199
(21) 2022464199 **(22)** 20.06.2022
(54) METHOD AND ARRANGEMENT FOR STABILIZING A FEED SYSTEM OF A MINING OR CONSTRUCTION WORK EQUIPMENT
(51) Int. Cl.
E21D 20/00 (2006.01)
E21B 19/24 (2006.01)
E21B 44/06 (2006.01)
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(21) 2023270109 **(22)** 12.05.2023
(54) ASYMMETRIC FLOATING WIND TURBINE INSTALLATION
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F03D 13/25 (2016.01)
B63B 21/50 (2006.01)
B63B 21/20 (2006.01)
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(11) AU-A-2023378829
(21) 2023378829 **(22)** 22.06.2023
(54) A MODULAR INCUBATOR SYSTEM FOR MONITORING THE MORPHOLOGICAL DEVELOPMENT OF A VIABLE BIOLOGICAL MATERIAL DURING INCUBATION
(51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/02 (2006.01)
C12M 1/34 (2006.01)
C12M 3/00 (2006.01)
F16L 37/35 (2006.01)
(87) WO2024/099596
(31) PA 2022 01011 **(32)** 07.11.22 **(33)** DK
(43) 16.05.2024
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(74) James & Wells Intellectual Property
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- (71)** ESCO MEDICAL TECHNOLOGIES, UAB
(11) AU-A-2023378830
(21) 2023378830 **(22)** 22.06.2023
(54) A VALVE SYSTEM FOR A MODULAR INCUBATOR SYSTEM
(51) Int. Cl.
C12M 3/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/02 (2006.01)
C12M 1/34 (2006.01)
F16L 37/35 (2006.01)
(87) WO2024/099597
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(43) 16.05.2024
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(11) AU-A-2023378831
(21) 2023378831 **(22)** 22.06.2023
(54) A MODULAR INCUBATOR SYSTEM
(51) Int. Cl.
C12M 3/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/02 (2006.01)
C12M 1/34 (2006.01)
F16L 37/35 (2006.01)
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(43) 16.05.2024
(72) NIELSEN, Ricky Lindgaard; MIKKELSEN, Mikkel Hjerrild
(74) James & Wells Intellectual Property
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- (71)** ESCO MEDICAL TECHNOLOGIES, UAB
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(21) 2023378832 **(22)** 22.06.2023
(54) A DOCKING STATION FOR A MODULAR INCUBATOR SYSTEM COMPRISING AN IMPROVED GAS DISTRIBUTION SYSTEM
(51) Int. Cl.
C12M 3/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/34 (2006.01)
F16L 37/35 (2006.01)
(87) WO2024/099599
(31) PA 2022 01010 **(32)** 07.11.22 **(33)** DK
(43) 16.05.2024
(72) NIELSEN, Ricky Lindgaard; HANSEN, Niels Stengaard
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(21) 2023378833 **(22)** 22.06.2023
(54) A MODULAR INCUBATOR SYSTEM PROVIDING IMPROVED ILLUMINATION FOR IMAGE CAPTURE OF AN INCUBATED BIOLOGICAL MATERIAL
(51) Int. Cl.
C12M 3/00 (2006.01)
C12M 1/00 (2006.01)
C12M 1/04 (2006.01)
C12M 1/34 (2006.01)
F16L 37/35 (2006.01)
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(43) 16.05.2024
(72) NIELSEN, Ricky Lindgaard; PLATKUNAS, Kestutis; BALKAUSKAS, Dainius
(74) James & Wells Intellectual Property
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- (71)** ESTIS COMPRESSION, LLC
(11) AU-A-2023341906
(21) 2023341906 **(22)** 14.07.2023
(54) COMPRESSION EMISSIONS EVACUATOR
(51) Int. Cl.
F17D 5/02 (2006.01)
E21B 43/12 (2006.01)
F02B 63/06 (2006.01)
F17C 5/00 (2006.01)
F17D 1/07 (2006.01)
E21B 43/40 (2006.01)
F04B 41/00 (2006.01)
F04B 49/22 (2006.01)
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- (71)** EXPOSURE ILLUMINATION ARCHITECTS, INC.
(11) AU-A-2023279234
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(54) BUILDING EGRESS LIGHTING APPARATUS AND METHOD
(51) Int. Cl.

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- (71)** F. HOFFMANN-LA ROCHE AG
(11) AU-A-2023279786
(21) 2023279786 **(22)** 26.05.2023
(54) COMPUTER-IMPLEMENTED METHOD FOR PROVIDING A PERSONALIZED HEALTHCARE PARAMETER, AND HEALTHCARE MANAGEMENT SYSTEM
(51) Int. Cl.
G16H 20/17 (2018.01)
G16H 10/60 (2018.01)
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(31) 63/365,539 **(32)** 31.05.22 **(33)** US
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(21) 2023327682 **(22)** 14.08.2023
(54) PREVENTION OR MITIGATION OF ADVERSE EFFECTS RELATED TO RECOMBINANT VIRAL VECTORS
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 47/26 (2006.01)
A61K 48/00 (2006.01)
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(21) 2022456018 **(22)** 04.08.2022
(54) PEST DETECTION SYSTEMS AND METHODS
(51) Int. Cl.
G01N 21/17 (2006.01)
A01G 13/10 (2006.01)
(87) WO2023/211478
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(54) PEST DETECTION SYSTEMS AND METHODS
(51) Int. Cl.
G01V 8/10 (2006.01)
A01M 1/02 (2006.01)
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G01N 21/35 (2014.01)
G08B 13/191 (2006.01)
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(21) 2023277142 **(22)** 22.05.2023
(54) A VEHICLE AND AN ADJUSTABLE UNDERCARRIAGE FOR THE VEHICLE
(51) Int. Cl.
B62D 55/06 (2006.01)
B62D 33/063 (2006.01)
B62D 55/10 (2006.01)
B62D 55/116 (2006.01)
E02F 9/02 (2006.01)
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(11) AU-A-2023269678
(21) 2023269678 **(22)** 12.05.2023
(54) MISSION-ADAPTABLE AERIAL VEHICLE AND METHODS FOR IN-FIELD ASSEMBLY AND USE
(51) Int. Cl.
B64U 20/40 (2023.01)
B64C 3/38 (2006.01)
B64U 20/70 (2023.01)
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(21) 2023264251 **(22)** 02.05.2023
(54) HOMOLOGY INDEPENDENT TARGETED INTEGRATION FOR GENE EDITING
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A61K 48/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/90 (2006.01)
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(31) 22171218.5 **(32)** 02.05.22 **(33)** EP
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(21) 2023285069 **(22)** 05.06.2023
(54) IMPLANT SYSTEM AND METHODS OF USE
(51) Int. Cl.
A61F 2/44 (2006.01)
A61B 17/70 (2006.01)
A61F 2/30 (2006.01)
(87) WO2023/240032
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(21) 2023272388 **(22)** 22.05.2023
(54) RESONANT CIRCUIT-BASED VASCULAR MONITORS AND RELATED SYSTEMS AND METHODS
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/0205 (2006.01)
A61B 5/107 (2006.01)
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(31) 63/344,409 **(32)** 20.05.22 **(33)** US
(43) 23.11.2023
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** FTC SOLAR, INC.
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(54) SOLAR TRACKER SYSTEMS AND METHODS INCLUDING A RAIL ASSEMBLY
(51) Int. Cl.
F24S 25/634 (2018.01)
F24S 25/60 (2018.01)
H02S 20/32 (2014.01)
H02S 30/10 (2014.01)
(87) WO2023/219895
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- (71)** FUJIFILM HOLDINGS AMERICA CORPORATION; FUJIFILM IRVINE SCIENTIFIC
(11) AU-A-2023277475

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 (54) METHODS AND SYSTEMS FOR DEVELOPING MEDIA FOR EXTRACELLULAR VESICLE PRODUCTION
 (51) Int. Cl.
C12N 5/074 (2010.01)
C12M 3/00 (2006.01)
G01N 21/62 (2006.01)
G01N 33/53 (2006.01)
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 (31) 63/345,223 (32) 24.05.22 (33) US
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 (74) Spruson & Ferguson
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- (71) FUJIFILM HOLDINGS AMERICA CORPORATION; FUJIFILM CELLULAR DYNAMICS, INC.
 (11) AU-A-2023298141
 (21) 2023298141 (22) 29.06.2023
 (54) IPSC-DERIVED ASTROCYTES AND METHODS OF USE THEREOF
 (51) Int. Cl.
C12N 5/079 (2010.01)
 (87) WO2024/006911
 (31) 63/356,787 (32) 29.06.22 (33) US
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 (72) RAJESH, Deepika; MUNN, Christie; BURTON, Sarah; FATHI, Ali; LEWIS, Rachel; BRADLEY, Robert; LIU, Jing
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2023274297
 (21) 2023274297 (22) 23.05.2023
 (54) MONKEY BAR JOINER
 (51) Int. Cl.
F16B 7/04 (2006.01)
A63B 1/00 (2006.01)
A63B 17/02 (2006.01)
F16B 7/18 (2006.01)
 (87) WO2023/225708
 (31) 2022901399 (32) 24.05.22 (33) AU
 (43) 30.11.2023
 (72) BURDLE, Colin Derek; ROBERTS, Shane Bruce
 (74) Patenteur Pty Ltd
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- (71) GARGIULO, L.
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 (54) DENTAL PROSTHETIC DEVICE
 (51) Int. Cl.
A61C 8/00 (2006.01)
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 (31) 102022000008984 (32) 03.05.22 (33) IT
 (43) 09.11.2023
 (72) GARGIULO, Luigi
 (74) Madderns Pty Ltd
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- (71) GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG
 (11) AU-A-2022461814
 (21) 2022461814 (22) 31.05.2022
 (54) DOSING FOR TREATMENT WITH ANTI-CD20/ANTI-CD3 BISPECIFIC ANTIBODIES IN ELDERLY PATIENTS
 (51) Int. Cl.
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2023/234933
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 (74) FPA Patent Attorneys Pty Ltd
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- (71) GESSI S.P.A.
 (11) AU-A-2023279256
 (21) 2023279256 (22) 31.05.2023
 (54) ELECTRONIC FAUCET, AND METHOD FOR CONTROLLING AN ELECTRONIC FAUCET
 (51) Int. Cl.
E03C 1/05 (2006.01)
B67D 1/08 (2006.01)
E03C 1/04 (2006.01)
 (87) WO2023/233320
 (31) 102022000011819 (32) 03.06.22 (33) IT
 (43) 07.12.2023
 (72) GESSI, Gian Luca
 (74) GLMR
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- (71) GILEAD SCIENCES, INC.
 (11) AU-A-2023272886
 (21) 2023272886 (22) 18.05.2023
 (54) ANTIVIRAL INDOLINYL COMPOUNDS AND USES THEREOF
 (51) Int. Cl.
C07D 209/12 (2006.01)
A61K 31/404 (2006.01)
A61P 31/12 (2006.01)
C07D 401/10 (2006.01)
C07D 403/10 (2006.01)
C07D 405/14 (2006.01)
C07D 417/02 (2006.01)
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 (54) COMPOSITION AND METHOD FOR REDUCING THE AMOUNT OF ACRYLAMIDE IN FOOD
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A23L 33/105 (2016.01)
A23D 9/007 (2006.01)
A23L 5/10 (2016.01)
A23L 33/15 (2016.01)
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 (21) 2023273823 (22) 17.05.2023
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 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 9/107 (2006.01)
A61K 31/4178 (2006.01)
A61K 47/18 (2017.01)
A61P 27/06 (2006.01)
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 (54) CHEMICAL COMPOUNDS
 (51) Int. Cl.
C07F 9/6558 (2006.01)
A61K 31/517 (2006.01)
A61K 31/662 (2006.01)
A61P 43/00 (2006.01)
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 (51) Int. Cl.
G06F 3/01 (2006.01)
 (87) WO2024/002812
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 (54) METHOD AND APPARATUS OF SIGNALING/PARSING HAPTIC DATA
 (51) Int. Cl.
G06F 3/01 (2006.01)
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F24F 11/47 (2018.01)
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 (51) Int. Cl.
A61K 31/325 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
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A61K 45/06 (2006.01)
A61K 47/02 (2006.01)
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A47L 11/292 (2006.01)
A47L 11/40 (2006.01)
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A61N 1/04 (2006.01)
A61B 5/00 (2006.01)
A61B 5/0295 (2006.01)
A61B 5/389 (2021.01)
A61N 1/36 (2006.01)
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E21B 47/005 (2012.01)
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 (21) 2023279050 (22) 12.05.2023
 (54) SLIDING DEVICE HAVING A PROFILED MOUNTING ELEMENT, AND FUNCTIONAL UNIT
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E05D 15/58 (2006.01)
E05F 1/16 (2006.01)
E05D 15/26 (2006.01)
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 (54) SLIDING DEVICE WITH A MOUNTING PROFILE, INSTALLATION METHOD, AND FUNCTIONAL UNIT
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E05D 15/26 (2006.01)
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E05D 15/58 (2006.01)
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(54) HOLDING DEVICE FOR A DOOR, AND FUNCTIONAL UNIT COMPRISING A HOLDING DEVICE
(51) Int. Cl.
E05D 15/26 (2006.01)
E05C 19/16 (2006.01)
E05D 15/58 (2006.01)
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(51) Int. Cl.
E05D 3/02 (2006.01)
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C12N 15/113 (2010.01)
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(21) 2023309042 (22) 13.02.2023
(54) ANTIHISTAMINE COMPOUND, AND PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07F 9/6558 (2006.01)
A61K 31/675 (2006.01)
A61P 11/02 (2006.01)
A61P 17/00 (2006.01)
A61P 27/02 (2006.01)
A61P 37/08 (2006.01)
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(21) 2023310518 (22) 13.02.2023
(54) ANTIHISTAMINE COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF
(51) Int. Cl.
C07F 9/6558 (2006.01)
A61K 31/675 (2006.01)
A61P 37/08 (2006.01)
C07C 213/08 (2006.01)
C07C 215/40 (2006.01)
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(21) 2023275842 (22) 27.02.2023
(54) CATALYST NETWORK COMPRISING A NOBLE METAL WIRE MADE OF A DISPERSION-STRENGTHENED NOBLE METAL ALLOY
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B01J 23/42 (2006.01)
B01J 23/44 (2006.01)
B01J 23/46 (2006.01)
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B01J 35/58 (2024.01)
C01B 21/00 (2006.01)
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(51) Int. Cl.
G01S 13/89 (2006.01)
B63B 21/20 (2006.01)
B63B 21/56 (2006.01)
B63B 35/00 (2020.01)
G01S 7/04 (2006.01)
G01S 13/32 (2006.01)
G01V 9/00 (2006.01)
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G01N 29/22 (2006.01)
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(21) 2023277441 (22) 22.05.2023
(54) PET FOOD COMPOSITIONS COMPRISING BETA-1,3-1,6-GLUCAN AND POLYPHENOLIC ISOFLAVONOIDS
(51) Int. Cl.
A23K 20/121 (2016.01)
A23K 20/163 (2016.01)
A23K 50/40 (2016.01)
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(54) PET FOOD COMPOSITIONS
(51) Int. Cl.
A23K 10/00 (2016.01)
A61K 36/185 (2006.01)

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A61K 36/54 (2006.01)
A61K 36/752 (2006.01)
A61K 36/82 (2006.01)
A61K 36/9068 (2006.01)
A61P 17/00 (2006.01)
A61P 17/04 (2006.01)
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- (71)** HILTI AKTIENGESELLSCHAFT
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(21) 2023297816 **(22)** 13.06.2023
(54) MACHINE AND METHOD FOR RUN-
 NING A MACHINE
(51) Int. Cl.
B25B 23/147 (2006.01)
B23B 45/02 (2006.01)
B23B 49/00 (2006.01)
B23P 19/06 (2006.01)
G01L 5/24 (2006.01)
G05B 19/418 (2006.01)
H02P 3/06 (2006.01)
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 Pablo
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- (71)** HILTI AKTIENGESELLSCHAFT
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(54) METAL DRILL AND METHOD
(51) Int. Cl.
B23B 51/10 (2006.01)
B23B 51/00 (2006.01)
F16B 33/00 (2006.01)
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 LTD.
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(21) 2022468066 **(22)** 08.07.2022
(54) ELECTRIC VEHICLE
(51) Int. Cl.
B60L 53/53 (2019.01)
B60L 15/20 (2006.01)
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(21) 2023276002 **(22)** 23.05.2023
(54) A CONTROL METHOD FOR A CON-
 TROL SYSTEM OF A RAILWAY
 TRANSPORT FACILITY AND SAID
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 TRANSPORT FACILITY
(51) Int. Cl.
B61L 23/24 (2006.01)
B61L 27/20 (2022.01)
B61L 27/70 (2022.01)
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(31) 102022000010823 **(32)** 24.05.22 **(33)** IT
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 Luca; VIVARELLI, Claudio; PELLECC-
 CHIA, Raffaele
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- (71)** HOME HABILIS
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(21) 2023273233 **(22)** 17.05.2023
(54) MEDICAL DEVICE FOR MONITORING
 BIOLOGICAL PARAMETERS
(51) Int. Cl.
A61B 5/021 (2006.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
A61B 5/0537 (2021.01)
G01G 1/00 (2006.01)
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(54) METHODS AND SYSTEMS FOR
 MULTIMEDIA COMMUNICATION
 WHILE ACCESSING NETWORK RE-
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(51) Int. Cl.
H04L 65/4038 (2022.01)
H04L 65/1016 (2022.01)
H04L 65/1069 (2022.01)
H04L 65/1089 (2022.01)
H04L 65/1093 (2022.01)
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 AGRECO, Andrew Dale; COST-
 ANTINO, Rachel Ann; PERKINS, Nolan
 William
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(11) AU-A-2023279126
(21) 2023279126 **(22)** 26.05.2023
(54) COATED ACTIVE COMPONENT IN A
 HIGH-VOLTAGE DEVICE AND METH-
 OD FOR INCREASING THE DIELEC-
 TRIC STRENGTH
(51) Int. Cl.
H01F 38/26 (2006.01)
H01F 38/30 (2006.01)
H01F 38/36 (2006.01)
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(31) 10 2022 205 691.4 **(32)** 03.06.22 **(33)** DE
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(74) Spruson & Ferguson
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 NOLOGIES CO., LTD.
(11) AU-A-2022459529
(21) 2022459529 **(22)** 22.11.2022
(54) RESOURCE MANAGEMENT METHOD
 AND RELATED APPARATUS
(51) Int. Cl.
G06F 9/50 (2006.01)
(87) WO2023/221444
(31) 202210536539.3 **(32)** 17.05.22 **(33)** CN
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(72) CHEN, Pu
(74) Halfords IP
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(54) COMMUNICATION METHOD AND
 APPARATUS BASED ON PHYSICAL
 PROTOCOL DATA UNIT
(51) Int. Cl.
H04L 5/00 (2006.01)
(87) WO2023/222060
(31) 202210545847.2 **(32)** 19.05.22 **(33)** CN
(43) 23.11.2023
(72) GONG, Bo; LIU, Chenchen; GAN,
 Ming; LI, Feng
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** HUNTSMAN ADVANCED MATERIALS
 AMERICAS LLC
(11) AU-A-2023297828
(21) 2023297828 **(22)** 19.06.2023
(54) CURABLE EPOXY RESIN COMPOS-
 IITIONS WITH HIGH GLASS TRANS-
 IITION TEMPERATURE
(51) Int. Cl.
C08G 59/32 (2006.01)
C08G 59/50 (2006.01)
C08J 5/04 (2006.01)
(87) WO2024/006101
(31) 63/356,135 **(32)** 28.06.22 **(33)** US
(43) 04.01.2024
(72) WACKER, Kevin; LE, Dong; KINCAID,
 Derek
(74) Oxygene IP
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- (71)** ICAHN SCHOOL OF MEDICINE AT
 MOUNT SINAI
(11) AU-A-2023280328
(21) 2023280328 **(22)** 01.06.2023
(54) COMBINATION THERAPY WITH IM-
 MUNOMODULATORS, DYRK1A IN-
 HIBITORS, AND GLP1R AGONISTS
 FOR TYPE 1 DIABETES TREATMENT
(51) Int. Cl.
C12N 5/071 (2010.01)

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A61K 31/437 (2006.01)
A61K 38/26 (2006.01)
A61K 45/06 (2006.01)
A61P 3/10 (2006.01)
A61P 5/48 (2006.01)
C07K 14/605 (2006.01)
C07K 14/72 (2006.01)

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(31) 63/347,977 (32) 01.06.22 (33) US
(43) 07.12.2023
(72) GARCIA-OCANA, Adolfo; STEWART, Andrew, F.; DEVITA, Robert, J.; LU, Geming; WANG, Peng
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ICEYE OY
(11) AU-A-2023280563
(21) 2023280563 (22) 25.05.2023
(54) SYSTEM AND METHOD FOR MONITORING ENVIRONMENTAL EVENTS
(51) Int. Cl.
G06F 16/29 (2019.01)
G06F 16/583 (2019.01)
G06F 16/906 (2019.01)
(87) WO2023/232629
(31) 2207993.3 (32) 30.05.22 (33) GB
(43) 07.12.2023
(72) STRONG, Shay; HIEKKASAARI, Johannes; TRUONG, Uyen; THOMPSON, Samuel
(74) Dentons Patent Attorneys Australasia Limited

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(54) MULTIVALENT VACCINE FOR PARAMYXOVIRUSES AND USES THEREOF
(51) Int. Cl.
A61K 39/12 (2006.01)
(87) WO2023/225562
(31) 63/342,953 (32) 17.05.22 (33) US
63/367,109 27.06.22 US
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(72) FELDHAUS, Andrew, L.; HOLTZMAN, Douglas, A.; CIARLET, Max; KANESATHASAN, Niranjana
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2023279251
(21) 2023279251 (22) 30.05.2023
(54) THIADIAZOLYL DERIVATIVES AS DNA POLYMERASE THETA INHIBITORS AND USES THEREOF
(51) Int. Cl.
C07D 417/14 (2006.01)
A61K 31/4436 (2006.01)
A61P 35/00 (2006.01)
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(31) 63/365,628 (32) 01.06.22 (33) US
(43) 07.12.2023
(72) ADAMS, Nicholas; BOTYANSZKI, Janos; DUFFY, Kevin; WANG, Chenbo;

FISCHER, Marcus Michael; MASKEY, Reeja
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2023286726
(21) 2023286726 (22) 09.06.2023
(54) SYSTEM AND METHOD FOR COMPRESSING CARBON DIOXIDE WITH MULTI-STAGE COMPRESSION AND SUPERCRITICAL PUMP
(51) Int. Cl.
F25J 1/00 (2006.01)
(87) WO2023/247218
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(43) 28.12.2023
(72) MOENNE LOCCOZ, Victor
(74) Griffith Hack

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(21) 2023276599 (22) 25.05.2023
(54) MEK INHIBITORS AND USES THEREOF
(51) Int. Cl.
C07D 213/82 (2006.01)
A61K 31/4427 (2006.01)
A61P 35/00 (2006.01)
C07D 213/80 (2006.01)
C07D 401/04 (2006.01)
C07D 401/06 (2006.01)
C07D 401/12 (2006.01)
C07D 417/12 (2006.01)
(87) WO2023/230205
(31) 63/345,698 (32) 25.05.22 (33) US
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(74) Spruson & Ferguson

(71) ILLUMINA, INC.
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(21) 2023275773 (22) 25.05.2023
(54) PREPARATION OF LONG READ NUCLEIC ACID LIBRARIES
(51) Int. Cl.
C12N 15/10 (2006.01)
C12N 11/06 (2006.01)
C12Q 1/6837 (2018.01)
G16B 25/20 (2019.01)
(87) WO2023/230552
(31) 63/365,361 (32) 26.05.22 (33) US
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(11) AU-A-2023262596
(21) 2023262596 (22) 28.04.2023
(54) MEMBRANE-BOUND IL-15, CD8 POLYPEPTIDES, CELLS, COMPOSITIONS, AND METHODS OF USING THEREOF
(51) Int. Cl.
C07K 14/54 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/715 (2006.01)
C07K 14/725 (2006.01)
(87) WO2023/212697
(31) 63/336,025 (32) 28.04.22 (33) US
(43) 02.11.2023
(72) GUNESCH, Justin; HOSSAIN, Mohammad; BAJWA, Gagan; MATA, Melinda; KALRA, Mamta
(74) PHILLIPS ORMONDE FITZPATRICK

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(74) Spruson & Ferguson

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(21) 2024231084 (22) 07.03.2024
(54) FRAGMENTOMICS FOR ESTIMATING FETAL FRACTION IN NON-INVASIVE PRENATAL TESTING
(51) Int. Cl.
G16B 20/30 (2019.01)
C12Q 1/6883 (2018.01)
G16B 30/00 (2019.01)
G16B 40/20 (2019.01)
(87) WO2024/186978
(31) 63/451,151 (32) 09.03.23 (33) US
(43) 12.09.2024
(72) SONG, Fan; DECIU, Cosmin; GOLKARAM, Mahdi; MEHAN, Mike; ZHAO, Chen
(74) Spruson & Ferguson

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(11) AU-A-2023262596
(21) 2023262596 (22) 28.04.2023
(54) MEMBRANE-BOUND IL-15, CD8 POLYPEPTIDES, CELLS, COMPOSITIONS, AND METHODS OF USING THEREOF
(51) Int. Cl.
C07K 14/54 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
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(72) GUNESCH, Justin; HOSSAIN, Mohammad; BAJWA, Gagan; MATA, Melinda; KALRA, Mamta
(74) PHILLIPS ORMONDE FITZPATRICK

(71) IMPERIAL COLLEGE INNOVATIONS LIMITED; CITY UNIVERSITY OF HONG KONG
(11) AU-A-2023257589
(21) 2023257589 (22) 20.04.2023
(54) PEROVSKITE SOLAR CELL WITH INTERFACE LAYER
(51) Int. Cl.
H10K 30/40 (2023.01)
H10K 30/85 (2023.01)
H10K 85/50 (2023.01)
(87) WO2023/203134
(31) 2205772.3 (32) 20.04.22 (33) GB
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(72) LONG, Nicholas; SHEPPARD, Stephanie; ZHU, Zonglong; LI, Zhen
(74) FB Rice Pty Ltd

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 (21) 2023280790 (22) 12.05.2023
 (54) CONTROL SYSTEM WITH OPTIMIZATION OF NEURAL NETWORK PRE-DICTOR
 (51) Int. Cl.
G06N 3/08 (2023.01)
G06N 3/045 (2023.01)
B01J 8/18 (2006.01)
G06N 3/04 (2023.01)
G06N 20/20 (2019.01)
 (87) WO2023/235137
 (31) 17/831,227 (32) 02.06.22 (33) US
 (43) 07.12.2023
 (72) SALHOV, Ofer; COHEN, Nadav
 (74) Davies Collison Cave Pty Ltd
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- (71) INCYCLIX BIO, LLC
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 (21) 2023289899 (22) 20.06.2023
 (54) CYCLIN-DEPENDENT KINASE 2 INHIBITORS FOR MEDICAL TREATMENT
 (51) Int. Cl.
C07D 487/20 (2006.01)
A61P 35/00 (2006.01)
A61K 31/519 (2006.01)
 (87) WO2023/249974
 (31) 63/353,729 (32) 20.06.22 (33) US
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 (72) STRUM, Jay Copeland; BISI, John E.; TRUB, Alec Gibson
 (74) Davies Collison Cave Pty Ltd
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- (71) INHALON BIOPHARMA, INC.
 (11) AU-A-2023275534
 (21) 2023275534 (22) 23.05.2023
 (54) COMPOSITIONS AND METHODS FOR INHALABLE THERAPEUTICS
 (51) Int. Cl.
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
 (87) WO2023/230486
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 (54) VALVE PROSTHESIS WITH A PIVOTABLE RETENTION MEMBER
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (87) WO2023/228138
 (31) 102022000011042 (32) 26.05.22 (33) IT
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- (71) INQB8 MEDICAL TECHNOLOGIES, LLC
 (11) AU-A-2023262477
 (21) 2023262477 (22) 28.04.2023
 (54) SYSTEMS, DEVICES, AND METHODS FOR CONTROLLABLY AND SELECTIVELY OCCLUDING, RESTRICTING, AND DIVERTING FLOW WITHIN A PATIENT'S VASCULATURE
 (51) Int. Cl.
A61F 2/24 (2006.01)
A61B 17/12 (2006.01)
 (87) WO2023/212361
 (31) 63/336,924 (32) 29.04.22 (33) US
 63/484,635 13.02.23 US
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 (43) 02.11.2023
 (72) QUADRI, Arshad; RATZ, J. Brent; COOPER, Alexander, H.; SCHWARTZ, Juliet Laura
 (74) FB Rice Pty Ltd
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 (11) AU-A-2023272330
 (21) 2023272330 (22) 17.05.2023
 (54) METHOD FOR PREPARING GLYCOLIPIDS, GLYCOLIPIDS AND USES THEREOF
 (51) Int. Cl.
C07H 15/04 (2006.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01P 1/00 (2006.01)
A61K 8/06 (2006.01)
A61K 8/73 (2006.01)
C11D 1/06 (2006.01)
C12P 19/44 (2006.01)
 (87) WO2023/222986
 (31) FR2204730 (32) 18.05.22 (33) FR
 (43) 23.11.2023
 (72) SEVERAC, Etienne; RE-MAUD-SIMEON, Magali; GUIEYSSE, David; MOULIS, Claire; PINTORI, Didier; KOMOROWSKI, Vanessa; FAURE, Chrystel; LEAL CALDERON, Fernando
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) INSULET CORPORATION
 (11) AU-A-2023271958
 (21) 2023271958 (22) 19.05.2023
 (54) METHODS AND SYSTEMS FOR DYNAMICALLY CUSTOMIZING INSULIN ON BOARD PROFILES AND PROVIDING RECOMMENDATIONS TO IM-
 PROVE THE DURATION OF INSULIN ACTION
 (51) Int. Cl.
G16H 50/50 (2018.01)
G16H 20/17 (2018.01)
 (87) WO2023/225308
 (31) 63/343,739 (32) 19.05.22 (33) US
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 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2023272946
 (21) 2023272946 (22) 19.05.2023
 (54) SWITCHING AND CUSTOMIZATION OF GLUCOSE PREDICTION MODELS IN MEDICAMENT DELIVERY DEVICES
 (51) Int. Cl.
G16H 40/63 (2018.01)
G16H 20/17 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
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 (87) WO2023/225307
 (31) 63/343,739 (32) 19.05.22 (33) US
 (43) 23.11.2023
 (72) LEE, Joon Bok; WHITELEY, William; SALAVATI, Saeed; ZHENG, Yibin; SEVIL, Mert; O'CONNOR, Jason
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2023273726
 (21) 2023273726 (22) 19.05.2023
 (54) CUSTOMIZATION OF A GLUCOSE PREDICTION MODEL FOR A USER IN AN AUTOMATED INSULIN DELIVERY (AID) DEVICE
 (51) Int. Cl.
G16H 20/17 (2018.01)
G16H 40/63 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
G16H 50/50 (2018.01)
 (87) WO2023/225296
 (31) 63/343,739 (32) 19.05.22 (33) US
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 (72) ZHENG, Yibin; LEE, Joon Bok; O'CONNOR, Jason
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2023278162
 (21) 2023278162 (22) 01.06.2023
 (54) CLAUDIN 18.2 ANTIBODIES, METHODS OF MAKING THE SAME, AND USES THEREOF
 (51) Int. Cl.
C07K 16/30 (2006.01)
C07K 14/705 (2006.01)
G01N 33/574 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2023/235808
 (31) 63/347,647 (32) 01.06.22 (33) US

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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) INTRINSIC ADVANCED MATERIALS, LLC
(11) AU-A-2022457059
(21) 2022457059 (22) 04.05.2022
(54) CONTINUOUS PRODUCTION OF BIODEGRADABLE POLYESTERS
(51) Int. Cl.
C08G 63/127 (2006.01)
C08G 18/42 (2006.01)
C08G 18/73 (2006.01)
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(43) 09.11.2023
(72) USHER JR., Robert A.; LOGAN, Julia R.
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) IRIDCCS TECHNOLOGIES LLC
(11) AU-A-2023295399
(21) 2023295399 (22) 12.06.2023
(54) A SYSTEM AND METHOD FOR PRODUCING CLEAN, SUSTAINABLE, AND ACCESSIBLE ENERGY WITH AIR, SAND, AND WATER
(51) Int. Cl.
F03B 17/00 (2006.01)
F03B 17/02 (2006.01)
F03G 7/00 (2006.01)
F03B 13/00 (2006.01)
F03B 17/04 (2006.01)
F03G 7/10 (2006.01)
(87) WO2023/244952
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(43) 21.12.2023
(72) MANASSET NDILLIRA, Millard; NDILIRA ROTAM, Ulrich
(74) Ulrich NDILIRA ROTAM
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- (71) JANI INTERNATIONAL PTE. LTD.
(11) AU-A-2023280730
(21) 2023280730 (22) 01.06.2023
(54) CARRIER
(51) Int. Cl.
A01K 1/02 (2006.01)
A01K 1/06 (2006.01)
(87) WO2023/234870
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202210834612.5 14.07.22 CN
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(74) Allens Patent & Trade Mark Attorneys
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- (71) JAPHAM GROUP LIMITED
(11) AU-A-2023276951
(21) 2023276951 (22) 26.05.2023
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- (54) HAIR STYLING DEVICE
(51) Int. Cl.
A45D 1/06 (2006.01)
A45D 2/00 (2006.01)
A45D 20/00 (2006.01)
(87) WO2023/228137
(31) 2207891.9 (32) 27.05.22 (33) GB
(43) 30.11.2023
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(74) Anderson-Taylor & Associates
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- (71) JIANGSU JASUNG INTELLIGENT INDUSTRIAL TECHNOLOGY CO., LTD.
(11) AU-A-2022444261
(21) 2022444261 (22) 30.12.2022
(54) MINING EXPLOSION-PROOF THREE-PHASE PERMANENT MAGNET SYNCHRONOUS DRUM
(51) Int. Cl.
H02K 21/12 (2006.01)
H02K 5/18 (2006.01)
H02K 9/06 (2006.01)
(87) WO2023/165249
(31) 202210549270.2 (32) 20.05.22 (33) CN
(43) 07.09.2023
(72) ZHANG, Chunhui; HUANG, Xiaoxiang; ZUO, Cheng
(74) Madders Pty Ltd
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- (71) JIANGSU JASUNG INTELLIGENT INDUSTRIAL TECHNOLOGY CO., LTD.
(11) AU-A-2022445971
(21) 2022445971 (22) 30.12.2022
(54) OUTER ROTOR PERMANENT MAGNET ROLLER STATOR AND STATOR ASSEMBLY THEREOF
(51) Int. Cl.
H02K 9/02 (2006.01)
H02K 1/20 (2006.01)
H02K 9/22 (2006.01)
(87) WO2023/169063
(31) 202210549177.1 (32) 20.05.22 (33) CN
(43) 14.09.2023
(72) ZHANG, Chunhui; HUANG, Xiaoxiang; ZUO, Cheng
(74) Madders Pty Ltd
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- (71) JIANGSU YAHONG MEDITECH CO., LTD.; ASIERS PHARMACEUTICALS (SHANGHAI) CO., LTD.
(11) AU-A-2023261809
(21) 2023261809 (22) 27.04.2023
(54) PYRIMIDINE COMPOUND, METHOD FOR PREPARING SAME, AND PHARMACEUTICAL USE THEREOF
(51) Int. Cl.
C07D 239/94 (2006.01)
A61K 31/505 (2006.01)
A61P 35/00 (2006.01)
C07D 405/12 (2006.01)
(87) WO2023/208130
(31) 202210472813.5 (32) 29.04.22 (33) CN
202310079788.9 20.01.23 CN
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- (43) 02.11.2023
(72) WU, Maojiang; WANG, Tielin; MENG, Zhi; SUN, Qiaoling; SONG, Xia
(74) FB Rice Pty Ltd
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- (71) JOHNSON & JOHNSON VISION CARE, INC.
(11) AU-A-2023288141
(21) 2023288141 (22) 14.06.2023
(54) CONTACT LENS PACKAGES AND LENS SUPPORTS FOR USE THEREIN
(51) Int. Cl.
A45C 11/00 (2006.01)
(87) WO2023/248062
(31) 63/354,034 (32) 21.06.22 (33) US
(43) 28.12.2023
(72) POPWELL, Sam Jonathan; ANSELL, Scott F.; WARD, Daniel Graham; SAMS, Stephen; SHORE, Brett; AKRAM, Ismail
(74) Spruson & Ferguson
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- (71) JOINT STOCK COMPANY "BIOCAD"
(11) AU-A-2023283253
(21) 2023283253 (22) 11.06.2023
(54) MONOCLONAL ANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF THAT SPECIFICALLY BINDS TO BCMA, AND USE THEREOF
(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 5/0781 (2010.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
(87) WO2023/239266
(31) 2022115671 (32) 09.06.22 (33) RU
(43) 14.12.2023
(72) BELIASNIKOVA, Alina Valerevna; KYTMANOVA, Olga Leonidovna; IVANOVA, Anastasiya Andreevna; FILINA, Valentina Yurevna; SAVINOVA, Alina Sergeevna; MOROZOV, Dmitry Valentinovich
(74) WRAYS PTY LTD
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- (71) JOST-WERKE DEUTSCHLAND GMBH
(11) AU-A-2023258632
(21) 2023258632 (22) 28.04.2023
(54) COUPLING SYSTEM FOR A TOWING VEHICLE
(51) Int. Cl.
B62D 53/08 (2006.01)
B60D 1/01 (2006.01)
B60D 1/62 (2006.01)
(87) WO2023/209656
(31) 10 2022 001 493.9 (32) 28.04.22 (33) DE
(43) 02.11.2023
(72) ALGÜERA, José Manuel; FISCHER, Michael
(74) FB Rice Pty Ltd
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- (71) JULIUS-MAXIMILIANS-UNIVERSITÄT WUERZBURG
(11) AU-A-2023271417

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 (51) Int. Cl.
C07K 14/75 (2006.01)
A61P 7/04 (2006.01)
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A61K 31/517 (2006.01)
A61K 45/06 (2006.01)
A61P 11/00 (2006.01)
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B01J 20/26 (2006.01)
B01J 13/00 (2006.01)
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A47K 10/20 (2006.01)
A47K 10/42 (2006.01)
B65D 5/06 (2006.01)
B65D 5/70 (2006.01)
B65D 83/08 (2006.01)
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A47K 10/20 (2006.01)
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 (51) Int. Cl.
B60L 7/28 (2006.01)
B60T 13/10 (2006.01)
B60T 13/14 (2006.01)
B60T 13/58 (2006.01)
B60T 13/66 (2006.01)
B60T 17/22 (2006.01)
B61H 7/04 (2006.01)
B61H 7/08 (2006.01)
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B61H 7/08 (2006.01)
F16D 63/00 (2006.01)
F16D 65/00 (2006.01)
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 (31) 10 2022 109 469.3 (32) 19.04.22 (33) DE
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B60R 11/00 (2006.01)
B62D 65/16 (2006.01)
B60R 1/06 (2006.01)
B60R 1/076 (2006.01)
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B60R 1/12 (2006.01)
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G01N 21/65 (2006.01)
G01J 3/44 (2006.01)
G01N 33/48 (2006.01)
B82Y 15/00 (2011.01)
B82Y 20/00 (2011.01)
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H04R 7/24 (2006.01)
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H01S 3/00 (2006.01)
H01S 3/23 (2006.01)
H01S 3/02 (2006.01)
H01S 3/04 (2006.01)
H01S 3/042 (2006.01)
H01S 3/06 (2006.01)
H01S 3/08 (2023.01)
H01S 3/0941 (2006.01)
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C08L 67/02 (2006.01)
C08L 33/06 (2006.01)
C08L 33/12 (2006.01)
C08L 67/04 (2006.01)
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C08L 67/02 (2006.01)
C08L 33/06 (2006.01)
C08L 33/12 (2006.01)
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C08L 33/12 (2006.01)
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B33Y 80/00 (2015.01)
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F03B 13/22 (2006.01)
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(51) Int. Cl.
C07H 17/08 (2006.01)
A61K 31/7052 (2006.01)
A61P 35/00 (2006.01)
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A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 16/00 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/113 (2010.01)
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H04B 7/185 (2006.01)
H04B 1/74 (2006.01)
H04B 7/04 (2017.01)
H04Q 3/60 (2006.01)
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G06Q 30/06 (2023.01)
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A01N 63/40 (2020.01)
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G06Q 50/02 (2012.01)
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A61K 35/74 (2015.01)
A61P 31/10 (2006.01)
C12N 1/20 (2006.01)
C12Q 1/18 (2006.01)
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(54) METHOD FOR ADAPTING A TARGET VOLTAGE VALUE FOR CONTROLLING A TAP-CHANGING TRANSFORMER, AND DEVICE FOR ADAPTING A TARGET VOLTAGE VALUE FOR CONTROLLING A TAP-CHANGING TRANSFORMER
(51) Int. Cl.
H02J 3/18 (2006.01)
G05F 1/147 (2006.01)
H01F 29/04 (2006.01)
H02P 13/06 (2006.01)
(87) WO2023/213535
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A61K 31/352 (2006.01)
A61P 1/16 (2006.01)
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F16C 13/02 (2006.01)
C23C 2/40 (2006.01)
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C07H 1/00 (2006.01)
A61K 31/7024 (2006.01)
A61K 47/26 (2006.01)
C07H 13/06 (2006.01)
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B41J 2/175 (2006.01)
B41J 2/155 (2006.01)
B41J 2/165 (2006.01)
B41J 2/17 (2006.01)
B41J 2/21 (2006.01)
B41J 25/308 (2006.01)
B41J 25/34 (2006.01)
(87) WO2023/232325
(31) 63/348,445 **(32)** 02.06.22 **(33)** US
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(54) RIPK1 INHIBITORS AND METHODS OF USE
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4196 (2006.01)
- A61P 25/00** (2006.01)
C07D 487/04 (2006.01)
C07D 498/04 (2006.01)
C07D 513/04 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(54) MARKER INSERTER
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A61B 90/00 (2016.01)
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(21) 2023288603 **(22)** 15.06.2023
(54) SYSTEM AND METHODS TO ACHIEVE REDUNDANCY AND DIVERSIFICATION IN COMPUTER ASSISTED AND ROBOTIC SURGERY IN ORDER TO ACHIEVE MAXIMUM ROBUSTNESS AND SAFETY
(51) Int. Cl.
G06T 7/73 (2017.01)
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(74) Spruson & Ferguson
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(54) INDOLINE DERIVATIVES AS SEROTONERGIC AGENTS USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO
(51) Int. Cl.
C07D 209/16 (2006.01)
A61K 9/00 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/422 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4439 (2006.01)
A61P 25/00 (2006.01)
C07D 401/04 (2006.01)
C07D 405/04 (2006.01)
C07D 409/04 (2006.01)
C07D 413/04 (2006.01)
C07D 417/04 (2006.01)
- C07D 491/056** (2006.01)
(87) WO2023/201421
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(74) Allens Patent & Trade Mark Attorneys
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(54) INDOLINE DERIVATIVES AS SEROTONERGIC AGENTS USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO
(51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/404 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4439 (2006.01)
A61P 25/00 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
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(54) ROTARY COMPRESSOR AND METHOD FOR MANUFACTURING ROTARY COMPRESSOR
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F04C 18/356 (2006.01)
F04C 29/12 (2006.01)
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(21) 2023290275 **(22)** 15.06.2023
(54) MELT-BLENDED THERMOPLASTIC PROTEIN ELASTOMER COMPOSITES
(51) Int. Cl.
C14B 7/04 (2006.01)
A23J 3/16 (2006.01)
D06N 3/12 (2006.01)
C14C 13/00 (2006.01)
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(21) 2023277556 (22) 26.05.2023
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FORM WITH LOCALIZED COOLING
AND FLUID QUALITY DETECTION
(51) Int. Cl.
H01L 23/473 (2006.01)
F28D 15/00 (2006.01)
G06F 1/20 (2006.01)
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(54) DIFFUSER-LESS NANOBUBBLE
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C02F 1/48 (2023.01)
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(54) METHOD OF PRODUCING IN-
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C12N 5/071 (2010.01)
A61K 31/19 (2006.01)
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A61K 35/39 (2015.01)
A61P 3/10 (2006.01)
A61P 5/50 (2006.01)
C07C 331/20 (2006.01)
C07D 401/14 (2006.01)
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OF CONDENSATION TO THE MICRO-
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H04R 1/08 (2006.01)
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E21B 47/04 (2012.01)
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(54) SYSTEM, DEVICE AND METHOD
FOR VERIFYING PAYMENT VALIDITY
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G06Q 20/38 (2012.01)
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C22B 26/22 (2006.01)
C01F 5/30 (2006.01)
C22B 3/00 (2006.01)
C22B 3/04 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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B01D 11/00 (2006.01)
C11B 1/10 (2006.01)
C12P 7/64 (2022.01)
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C10G 3/00 (2006.01)
B01J 8/00 (2006.01)
C10G 2/00 (2006.01)
C10G 45/62 (2006.01)
C10G 45/64 (2006.01)
C10G 45/72 (2006.01)
C10G 47/02 (2006.01)
C10G 47/36 (2006.01)
C10G 65/12 (2006.01)
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 (21) 2023281734 (22) 02.06.2023
 (54) METHOD FOR MECHANICAL PHENOTYPING OF KNEES
 (51) Int. Cl.
A61B 5/103 (2006.01)
G16H 50/20 (2018.01)
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 (21) 2023257644 (22) 12.04.2023
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H04W 4/02 (2018.01)
A63F 13/216 (2014.01)
H04W 4/80 (2018.01)
H04W 8/00 (2009.01)
H04W 84/10 (2009.01)
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 (51) Int. Cl.
C07D 487/06 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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 (54) A METHOD OF ESTIMATING A POSITION OF A CLEANING MACHINE
 (51) Int. Cl.
A47L 9/28 (2006.01)
A47L 11/40 (2006.01)
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C23C 2/06 (2006.01)
C22C 18/00 (2006.01)
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C23C 2/02 (2006.01)
C23C 2/40 (2006.01)
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 (72) TOBA Tetsuya; KAWAMURA Yasuaki; KOHIGASHI Yusuke; TANAKA Tomohito
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 (21) 2023288274 (22) 19.06.2023
 (54) WELDED JOINT MANUFACTURING METHOD, WELDED JOINT, LOW-TEMPERATURE LIQUEFIED GAS TANK DESIGN METHOD, AND LOW-TEMPERATURE LIQUEFIED GAS TANK
 (51) Int. Cl.
B23K 9/23 (2006.01)
B23K 9/00 (2006.01)
B23K 31/00 (2006.01)
B63B 25/16 (2006.01)
B63B 73/43 (2020.01)
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H01F 27/245 (2006.01)
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G01S 7/4911 (2020.01)
G01S 7/481 (2006.01)
G06N 3/0464 (2023.01)
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H01S 5/40 (2006.01)
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 (74) GLMR
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 (54) ELECTROMETER SYSTEM WITH RYDBERG DECAY FLUORESCENCE DETECTION
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G01N 21/64 (2006.01)
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 (74) GLMR
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 (11) AU-A-2023269680
 (21) 2023269680 (22) 13.05.2023
 (54) RECEPTOR ENGAGEMENT-MEDIATED ENHANCEMENT OF BIOLOGICS DELIVERY
 (51) Int. Cl.
A61K 47/69 (2017.01)
A61P 31/12 (2006.01)
C07K 14/47 (2006.01)
C07K 16/08 (2006.01)
 (87) WO2023/220457
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 (74) Griffith Hack
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 (21) 2023270497 (22) 18.05.2023
 (54) METHODS OF SELECTIVELY TREATING TENDINOPATHY USING INTERLEUKIN-17 (IL-17) ANTAGONISTS
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 19/02 (2006.01)
A61P 19/04 (2006.01)
A61P 21/00 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
A61P 37/06 (2006.01)
C07K 16/24 (2006.01)
 (87) WO2023/223263
 (31) 63/343,510 (32) 18.05.22 (33) US
 (43) 23.11.2023
 (72) BRUIN, Gerard; CARTER, Shea; KOLBINGER, Frank; MILLAR, Neal;

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WEBER, Eckhard
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2023270702
(21) 2023270702 **(22)** 16.05.2023
(54) MULTI-PURPOSE KITCHEN APPLI-
ANCE WITH VACUUMING DEVICE,
ADAPTER UNIT AND METHOD
(51) Int. Cl.
A47J 27/04 (2006.01)
A47J 43/04 (2006.01)
(87) WO2023/222667
(31) 10 2022 112 672.2 **(32)** 19.05.22 **(33)** DE
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(72) BEKIC, Dejan
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S.R.L.
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(21) 2023275836 **(22)** 18.05.2023
(54) INTEGRAL EXPANDER GENERAT-
OR FOR HYDROGEN APPLICATIONS
WITH MAGNETIC BEARINGS
(51) Int. Cl.
F01D 15/10 (2006.01)
(87) WO2023/227237
(31) 102022000010697 **(32)** 24.05.22 **(33)** IT
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(72) ORTIZ NERI, Massimiliano; DOZZINI,
Matteo; CANGIOLI, Francesco
(74) Patent Attorney Services
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- (71)** NUOVO PIGNONE TECNOLOGIE -
S.R.L.
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(21) 2023275838 **(22)** 23.05.2023
(54) SEALING SYSTEM FOR PERMANENT
MAGNET MOTOR/GENERATOR
(51) Int. Cl.
H02K 7/00 (2006.01)
H02K 1/2706 (2022.01)
H02K 1/28 (2006.01)
H02K 5/128 (2006.01)
H02K 7/14 (2006.01)
H02K 9/12 (2006.01)
H02K 15/03 (2006.01)
H02K 15/12 (2006.01)
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(74) Patent Attorney Services
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TROGEN FROM WATER
(51) Int. Cl.
C02F 1/461 (2023.01)
C25B 11/036 (2021.01)
C25B 11/052 (2021.01)
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C12N 15/113 (2010.01)
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(72) PERETS, Nisim; AHARONOV, Lyora;
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(74) WRAYS PTY LTD
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C01B 3/02 (2006.01)
C01C 1/04 (2006.01)
C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
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(51) Int. Cl.
A61K 31/352 (2006.01)
A61K 31/704 (2006.01)
A61K 36/23 (2006.01)
A61K 36/53 (2006.01)
A61P 37/06 (2006.01)
A61P 37/08 (2006.01)
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A62C 37/40 (2006.01)
A62C 31/28 (2006.01)
A62C 31/24 (2006.01)
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F42D 1/08 (2006.01)
F42D 1/18 (2006.01)
F42D 1/26 (2006.01)
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A61P 3/00 (2006.01)
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G06F 16/901 (2019.01)
G06V 40/16 (2022.01)
G06F 18/00 (2023.01)
G06F 21/32 (2013.01)
G06Q 20/40 (2012.01)
G06Q 50/00 (2012.01)
G06V 20/30 (2022.01)
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A61K 45/06 (2006.01)
A61P 3/10 (2006.01)
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E04B 7/02 (2006.01)
E04G 21/28 (2006.01)
E04H 15/54 (2006.01)
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C07D 263/32 (2006.01)
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H01R 24/44 (2011.01)
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A61L 24/00 (2006.01)
A61L 27/18 (2006.01)
A61L 26/00 (2006.01)
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G01N 33/543 (2006.01)
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G06N 20/00 (2019.01)
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C12N 15/63 (2006.01)
C12N 5/077 (2010.01)
C12N 15/62 (2006.01)
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A61P 1/00 (2006.01)
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H01P 1/18 (2006.01)
H01Q 3/36 (2006.01)
G02F 1/225 (2006.01)
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D21J 3/10 (2006.01)
D21J 7/00 (2006.01)
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B29C 49/44 (2006.01)
B29C 49/58 (2006.01)
D21J 3/10 (2006.01)
B29C 49/48 (2006.01)
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F25D 23/02 (2006.01)
E05D 3/02 (2006.01)
E05D 5/06 (2006.01)
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B65D 19/02 (2006.01)
G01B 5/14 (2006.01)
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A61F 2/38 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C12Q 1/6806 (2018.01)
C12N 15/86 (2006.01)
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A61K 31/122 (2006.01)
A61K 31/592 (2006.01)
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A61K 45/06 (2006.01)
A61P 9/10 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 47/12 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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C10G 31/08 (2006.01)
B01D 11/04 (2006.01)
C10G 31/06 (2006.01)
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C07C 225/22 (2006.01)
A61K 31/136 (2006.01)
A61P 3/04 (2006.01)
A61P 25/30 (2006.01)
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(74) Griffith Hack
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(54) DESTRUCTION OF PERFLUOROSULFONIC ACIDS (PFSAS) VIA SUPERCRITICAL WATER OXIDATION
(51) Int. Cl.
C02F 1/72 (2023.01)
C02F 101/36 (2006.01)
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H04M 1/72484 (2021.01)
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A45B 27/00 (2006.01)
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A23L 2/38 (2021.01)
B65D 51/16 (2006.01)
C12M 1/00 (2006.01)
C12M 1/24 (2006.01)
C12M 1/34 (2006.01)
F16K 15/14 (2006.01)
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H04B 5/00 (2006.01)
G01F 23/284 (2006.01)
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G06K 7/10 (2006.01)
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C09D 5/02 (2006.01)
C08K 3/26 (2006.01)
C09D 7/43 (2018.01)
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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C01F 17/10 (2020.01)
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A61K 31/7072 (2006.01)
A61P 25/28 (2006.01)
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C12P 19/14 (2006.01)
A23L 7/104 (2016.01)
C12N 9/26 (2006.01)
C13K 13/00 (2006.01)
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A61K 38/39 (2006.01)
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B65G 29/00 (2006.01)
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E05B 47/00 (2006.01)
G06F 9/54 (2006.01)
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G06F 21/57 (2013.01)
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C09K 8/467 (2006.01)

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F04B 49/06 (2006.01)
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PUMP
(51) Int. Cl.
F04B 9/117 (2006.01)
F04B 23/06 (2006.01)
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B05B 1/02 (2006.01)
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C12N 15/113 (2010.01)
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MOHR, Manuel; OAKES, Benjamin;
HIGGINS, Sean; DENNY, Sarah; VI-
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FOR THE TARGETING OF PCSK9
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C12N 9/22 (2006.01)
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(54) VASCULAR PUMP
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A61M 60/126 (2021.01)
A61M 60/216 (2021.01)
A61M 60/804 (2021.01)
A61M 60/855 (2021.01)
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(74) Patent Attorney Services
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(54) HEAT-INSULATING WATERPROOF
STRUCTURE, HEAT-INSULATING
WATERPROOF MEMBER, AND
METHOD FOR INSTALLING HEAT-IN-
SULATING WATERPROOF STRUC-
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E04B 1/64 (2006.01)
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C12N 15/85 (2006.01)
C07K 14/54 (2006.01)
C07K 16/28 (2006.01)
C07K 16/40 (2006.01)
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(54) ANTIGEN-BINDING DOMAINS AND
METHODS OF USE THEREOF
(51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/63 (2006.01)
(87) WO2023/205739
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CO., LTD
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BENZENE RING DERIVATIVE, PRE-
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(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/5025 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
C07D 417/14 (2006.01)
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UNIVERSITY R&DB FOUNDATION
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(21) 2023271380 **(22)** 18.05.2023
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DOMAIN ANTIBODY TO PD-L1 AND
CD47, AND USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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 (51) Int. Cl. (51) Int. Cl.
 C10G 1/08 (2006.01) C07D 401/04 (2006.01)
 B01D 46/24 (2006.01) A61P 25/00 (2006.01)
 C10G 1/00 (2006.01) A61P 29/00 (2006.01)
 C10G 1/06 (2006.01) C07D 403/04 (2006.01)
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 C10G 2/00 (2006.01) A61K 35/768 (2015.01)
 C10G 45/58 (2006.01) A61K 39/00 (2006.01)
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 C07K 14/005 (2006.01)
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 (74) Spruson & Ferguson (74) FPA Patent Attorneys Pty Ltd
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 (54) BIPOLAR PLATE AND PRODUCTION (54) APOPTOTIC CELL MIMIC
 (51) Int. Cl. (51) Int. Cl.
 C25B 11/036 (2021.01) A61K 9/16 (2006.01)
 C25B 1/04 (2021.01) A61K 31/7088 (2006.01)
 C25B 11/046 (2021.01) A61K 38/00 (2006.01)
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 (51) Int. Cl.
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 C08G 18/48 (2006.01)
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 C08G 18/80 (2006.01)
 C08K 3/04 (2006.01)
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 (21) 2023285678 (22) 06.06.2023
 (54) HIGH CAPACITY BEAM HANGER
 (51) Int. Cl.
 E04B 1/26 (2006.01)
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 (54) COMPOUNDS, COMPOSITIONS, AND METHODS OF USING THEREOF
 (51) Int. Cl.
 C07D 405/12 (2006.01)
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 C07D 413/12 (2006.01)
 C07D 471/04 (2006.01)
 C07D 491/056 (2006.01)
 A61P 11/00 (2006.01)
 C07D 519/00 (2006.01)
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A61K 31/7115 (2006.01)
C12N 5/0775 (2010.01)
C12N 5/10 (2006.01)
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 (54) METHOD AND DEVICE FOR PROCESSING SOLAR MODULES
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H02S 50/00 (2014.01)
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 (54) PYRIMIDOPYRIMIDONE COMPOUNDS AND METHODS OF USE THEREOF
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61P 17/00 (2006.01)
C07D 498/14 (2006.01)
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A61P 35/00 (2006.01)
C07K 14/715 (2006.01)
C07K 16/18 (2006.01)
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B65D 90/00 (2006.01)
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A61L 2/22 (2006.01)
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A61L 9/12 (2006.01)
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A61B 34/20 (2016.01)
A61B 1/04 (2006.01)
A61B 5/00 (2006.01)
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A61B 90/20 (2016.01)
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C07D 251/26 (2006.01)
A01N 53/04 (2006.01)
A01N 53/12 (2006.01)
A01P 13/00 (2006.01)
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H02J 3/38 (2006.01)
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H02M 1/088 (2006.01)
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H02M 7/5387 (2007.01)
H02J 3/38 (2006.01)
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 (11) AU-A-2022461756
 (21) 2022461756 (22) 19.10.2022
 (54) BEER-TASTE BEVERAGE
 (51) Int. Cl.
C12C 12/00 (2006.01)
A23L 2/00 (2006.01)
C12G 3/021 (2019.01)
C12G 3/04 (2019.01)
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C12C 12/00 (2006.01)
C12C 11/00 (2006.01)
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(43) 07.12.2023
(72) KATO Yuichi; OKAJIMA Takaho
(74) Davies Collison Cave Pty Ltd
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- (71) SUZHOU IMMUNOFOCO BIOTECHNOLOGY CO., LTD
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(54) CHIMERIC ANTIGEN RECEPTOR CONTAINING CLDN18.2 SINGLE DOMAIN ANTIBODY AND APPLICATION THEREOF
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C07K 16/28 (2006.01)
C07K 19/00 (2006.01)
C12N 15/13 (2006.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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(54) HERBICIDAL DERIVATIVES
(51) Int. Cl.
C07D 213/55 (2006.01)
A01N 43/40 (2006.01)
A01N 43/54 (2006.01)
A01N 43/78 (2006.01)
A01P 13/00 (2006.01)
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A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01P 13/00 (2006.01)
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(54) METHOD FOR PRODUCING HIGH VALUE CHEMICALS FROM FEED-STOCK
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C10B 49/22 (2006.01)
C08J 11/12 (2006.01)
C10B 53/00 (2006.01)
C10B 53/02 (2006.01)
C10B 53/07 (2006.01)
C10G 1/10 (2006.01)
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(21) 2023296430 (22) 27.06.2023
(54) PHARMACEUTICAL COMPOSITION COMPRISING A CAP-DEPENDENT ENDONUCLEASE INHIBITOR
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A61K 31/5025 (2006.01)
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A61K 9/14 (2006.01)
A61K 31/503 (2006.01)
A61K 47/10 (2017.01)
A61K 47/32 (2006.01)
A61K 47/34 (2017.01)
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C07D 471/04 (2006.01)
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(21) 2023256032 (22) 21.04.2023
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(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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(11) AU-A-2023274047
(21) 2023274047 (22) 17.05.2023
(54) ANTI-CD38 FUSION PROTEIN FORMULATION
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 38/21 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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C07K 14/56 (2006.01)
C07K 16/28 (2006.01)
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A47L 5/30 (2006.01)
A47L 9/04 (2006.01)
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 (31) 2207154.2 (32) 16.05.22 (33) GB
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 (11) AU-A-2023272335
 (21) 2023272335 (22) 16.05.2023
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 (51) Int. Cl.
A47L 5/30 (2006.01)
A47L 9/04 (2006.01)
A47L 9/06 (2006.01)
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 (31) 2207158.3 (32) 16.05.22 (33) GB
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 (11) AU-A-2023274034
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 (54) A CLEANING APPLIANCE
 (51) Int. Cl.
A47L 5/30 (2006.01)
A47L 7/00 (2006.01)
A47L 11/20 (2006.01)
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 (31) 2207156.7 (32) 16.05.22 (33) GB
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 (21) 2023273836 (22) 18.05.2023
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 (51) Int. Cl.
G16B 25/10 (2019.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/11 (2006.01)
G01N 33/574 (2006.01)
 C12Q 1/68 (2018.01)
 C12Q 1/6841 (2018.01)
G16B 40/20 (2019.01)
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 (21) 2023277622 (22) 24.05.2023
 (54) SPLEEN TYROSINE KINASE INHIBITORS AND METHODS OF USE THEREOF
 (51) Int. Cl.
C07D 213/74 (2006.01)
A61K 31/497 (2006.01)
A61K 31/506 (2006.01)
A61P 35/02 (2006.01)
C07D 239/42 (2006.01)
C07D 403/12 (2006.01)
C07D 405/12 (2006.01)
C07D 409/12 (2006.01)
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 (21) 2023267671 (22) 12.05.2023
 (54) ADENO-ASSOCIATED VIRAL VECTORS FOR TARGETING BRAIN MICROVASCULATURE
 (51) Int. Cl.
C07K 14/005 (2006.01)
A61P 25/28 (2006.01)
C12N 15/86 (2006.01)
 (87) WO2023/220386
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A61P 25/28 (2006.01)
C07K 7/06 (2006.01)
C07K 14/005 (2006.01)
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 (21) 2023271853 (22) 18.05.2023
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 (51) Int. Cl.
C12N 15/86 (2006.01)
C12N 9/22 (2006.01)
 (87) WO2023/225160
 (31) 63/343,381 (32) 18.05.22 (33) US
 (43) 23.11.2023
 (72) DAVIDSON, Beverly; MONTEYS, Alejandro
 (74) Spruson & Ferguson
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 (11) AU-A-2023272839
 (21) 2023272839 (22) 15.05.2023
 (54) COMPOSITIONS AND METHODS FOR TREATING A CARDIAC DISEASE
 (51) Int. Cl.
A61P 9/06 (2006.01)
A61K 38/17 (2006.01)
C07K 14/435 (2006.01)
C12N 15/86 (2006.01)
C12N 5/10 (2006.01)
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 (72) BEZZERIDES, Vassilios J.; PU, William J.; DE LA SERNA BUZON, Sofia M.
 (74) Southern Cross Intellectual Property
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- (71) THE COCA-COLA COMPANY
 (11) AU-A-2023275376
 (21) 2023275376 (22) 30.05.2023
 (54) FAST HYDRATION FORMULATION AND METHODS
 (51) Int. Cl.
A23L 33/16 (2016.01)
A61K 33/00 (2006.01)
A23L 2/39 (2006.01)
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 (74) FB Rice Pty Ltd
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 (11) AU-A-2023271759
 (21) 2023271759 (22) 16.05.2023
 (54) DIRECT ELECTROCHEMICAL EXTRACTION OF LITHIUM FROM ORES
 (51) Int. Cl.
C22B 3/04 (2006.01)
C22B 26/12 (2006.01)
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 (72) SHI, Feifei; ZHANG, Hanrui
 (74) Spruson & Ferguson
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- (71) THE POPULATION COUNCIL, INC.; THE UNITED STATES OF AMERICA,

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 (21) 2023268393 (22) 05.05.2023
 (54) PROGESTIN/TESTOSTERONE TRANSDERMAL GEL
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 31/568 (2006.01)
 A61K 31/57 (2006.01)
 A61K 35/06 (2006.01)
 A61K 45/06 (2006.01)
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- (87) WO2023/219890
 (31) 63/339,563 (32) 09.05.22 (33) US
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 (72) BLITHE, Diana, L.; LEE, Min, S.; SITRUK-WARE, Regine
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 (21) 2023255525 (22) 20.04.2023
 (54) NANOSTRUCTURE, NANOCOMPOSITE, AND IMPLEMENTATIONS THEREOF
 (51) Int. Cl.
 C04B 28/18 (2006.01)
 A61K 8/19 (2006.01)
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 A61Q 11/00 (2006.01)
- (87) WO2023/203578
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 A01B 63/11 (2006.01)
 A01D 75/28 (2006.01)
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 G02B 26/08 (2006.01)
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 A61K 31/706 (2006.01)
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 C07H 21/04 (2006.01)
 C12Q 1/6876 (2018.01)
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 G16B 30/10 (2019.01)
 G06F 11/08 (2006.01)
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 H03M 13/00 (2006.01)
 H03M 7/00 (2006.01)
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A61P 35/00 (2006.01)
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B01J 19/00 (2006.01)
C01B 3/00 (2006.01)
C01B 3/34 (2006.01)
F02G 5/04 (2006.01)
F25B 17/00 (2006.01)
G06F 1/26 (2006.01)
H01M 8/04089 (2016.01)
H01M 8/0612 (2016.01)
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H04W 28/06 (2009.01)
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A61K 31/30 (2006.01)
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(51) Int. Cl.
C07K 14/605 (2006.01)
A61K 9/00 (2006.01)
A61K 47/10 (2017.01)
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2022455953	KIMBERLY-CLARK WORLDWIDE, INC.	2023257182	RELIIS LTD
2022456018	FARMSENSE, INC.	2023257289	NUQUATIC, LLC
2022456707	KIMBERLY-CLARK WORLDWIDE, INC.	2023257303	LYNK GLOBAL, INC.
2022456713	FARMSENSE, INC.	2023257320	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.
2022457059	INTRINSIC ADVANCED MATERIALS, LLC	2023257540	RUGGLI AG
2022457103	CHEVRON U.S.A. INC.	2023257542	KNORR-BREMSE GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG
2022457114	NABRAWIND TECHNOLOGIES, S.L.	2023257547	KNORR-BREMSE GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG
2022457614	ABB SCHWEIZ AG	2023257557	PAVONE, L.M.; GUARAGNA, A.; DE PASQUALE, V.; ESPOSITO, A.; D'AGOSTINO, M.
2022458684	PERISO SHPK	2023257589	IMPERIAL COLLEGE INNOVATIONS LIMITED; CITY UNIVERSITY OF HONG KONG
2022458803	GUANGDONG JIANERSHENG PHARMACEUTICAL TECHNOLOGY CO., LTD.	2023257644	NIANTIC, INC.
2022459383	LIFEHOUSE AUSTRALIA; SYDNEY LOCAL HEALTH DISTRICT	2023257723	KONINKLIJKE PHILIPS N.V.
2022459529	HUAWEI CLOUD COMPUTING TECHNOLOGIES CO., LTD.	2023258027	ELEMENT BIOSCIENCES, INC.
2022459752	MAPLEBEAR INC.	2023258059	MINDSET PHARMA INC.
2022459961	USPENSKAYA, Y.	2023258090	GUANGZHOU SHIYUAN ELECTRONICS CO., LTD.; GUANGZHOU SHIRUI ELECTRONICS CO., LTD.
2022460087	HIBOT CORPORATION	2023258114	BOREALIS AG
2022461179	KOREA INSTITUTE OF MATERIALS SCIENCE	2023258543	CERAPHI ENERGY LIMITED
2022461227	EPIROC ROCK DRILLS AKTIEBOLAG	2023258547	HAYA THERAPEUTICS SA
2022461467	EPIROC ROCK DRILLS AKTIEBOLAG	2023258617	NEGATIVE EMISSIONS MATERIALS, INC.
2022461756	SUNTORY HOLDINGS LIMITED	2023258632	JOST-WERKE DEUTSCHLAND GMBH
2022461814	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG	2023258644	BIOND BIOLOGICS LTD.
2022464199	EPIROC ROCK DRILLS AKTIEBOLAG	2023258900	SK BIOSCIENCE CO., LTD.
2022465308	SUNGROW (SHANGHAI) CO., LTD.	2023259255	BIODEVEK, INC.
2022468066	HITACHI INDUSTRIAL PRODUCTS, LTD.	2023259347	ADAPTIVE MANOMETER SYSTEMS, INC.
2022469031	SUNGROW POWER SUPPLY CO., LTD.	2023259742	MONASH UNIVERSITY
2022469189	LENOVO (BEIJING) LIMITED	2023260278	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
2022471041	ARCELORMITTAL	2023260569	KONINKLIJKE PHILIPS N.V.
2022471176	ARCELORMITTAL	2023260581	GIVAUDAN SA
2022471287	VIELA BIO, INC.	2023260936	ELEKTROFI, INC.
2022471368	ARCELORMITTAL	2023261706	UNIVERSITEIT LEIDEN; UNIVERSITY OF YORK
2022472266	HALLIBURTON ENERGY SERVICES, INC.	2023261809	JIANGSU YAHONG MEDITECH CO., LTD.; ASIERS PHARMACEUTICALS (SHANGHAI) CO., LTD.
2022473767	ZTE CORPORATION	2023261874	THE TORO COMPANY
2023226259	VITUX GROUP AS	2023262106	CHIESI FARMACEUTICI S.P.A.
2023246368	ENPOT HOLDINGS LIMITED	2023262192	ASTRAZENECA UK LIMITED
2023249258	TWIST BIOSCIENCE CORPORATION	2023262477	INQB8 MEDICAL TECHNOLOGIES, LLC
2023254488	SMARTCELLA SOLUTIONS AB	2023262480	KLS MARTIN, LP
2023255220	MARCHESAN IMPLEMENTOS E MÁQUINAS AGRÍCOLAS TATU S/A	2023262513	VISTERRA, INC.
2023255221	KLEIN, M.P.	2023262553	DYNATEST A/S
2023255238	WONDERLAND SWITZERLAND AG	2023262556	ASTRAZENECA AB
2023255275	PRAMAND LLC	2023262596	IMMATICS US, INC.
2023255287	Carbo Culture, Inc.	2023262617	POLKU THERAPEUTICS OY
2023255328	CRYOLEC LIMITED	2023263309	SITEONE THERAPEUTICS, INC.
2023255339	PHILBERT, S.A.; PHILERA NEW ZEALAND LTD.	2023263666	MASCHINENFABRIK REINHAUSEN GMBH
2023255414	MINDSET PHARMA INC.	2023263905	LG ENERGY SOLUTION, LTD.
2023255494	TWIST BIOSCIENCE CORPORATION	2023263957	COOLER KEG, LLC
2023255520	BIOPLASMAR LTD.	2023264251	FONDAZIONE TELETHON ETS
2023255525	THERANAUTILUS PVT. LTD.	2023264334	ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP
2023255602	COOK MEDICAL TECHNOLOGIES LLC	2023264575	OHMIUM INTERNATIONAL, INC.
2023255685	ACLIPSE TWO INC.	2023264634	POWEROPTIMAL (PTY) LTD
2023255693	WATERSHED MEDICAL, INC.	2023264796	TOKAMAK ENERGY LTD
2023255774	ROME THERAPEUTICS, INC.	2023264886	CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (CONICET); UNIVERSIDAD NACIONAL DE TUCUMÁN; SISTEMA PROVINCIAL DE SALUD DE TUCUMÁN; SKYBIO LLC; UNIVERSIDAD DE BUENOS AIRES
2023255782	SCHLAGE LOCK COMPANY LLC	2023265639	GARGIULO, L.
2023256032	TAIHO PHARMACEUTICAL CO., LTD.		
2023256294	ROCHESTER SENSORS, LLC		
2023256499	AGSCENT PTY LTD		
2023256541	KADMON CORPORATION, LLC		
2023256633	SENTI BIOSCIENCES, INC.		
2023256642	AUGMENT BIOLOGICS, INC.		
2023256671	ARSENAL BIOSCIENCES, INC.		

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2023265814	ELVIN-JENSEN, J.; ELVIN-JENSEN, M.		PAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO
2023266402	CPC ENGINEERING PTY LTD		AGR LITHIUM INC.
2023267211	WONDERLAND SWITZERLAND AG	2023272835	THE CHILDREN'S MEDICAL CENTER CORPORATION
2023267474	CHILDREN'S MEDICAL RESEARCH INSTITUTE	2023272839	SOLTEGO, INC.
2023267632	SHANGHAI SIMR BIOTECHNOLOGY CO., LTD	2023272873	GILEAD SCIENCES, INC.
2023267671	THE CHILDREN'S HOSPITAL OF PHILADELPHIA	2023272886	INSULET CORPORATION
2023267760	BALCHEM CORPORATION	2023272946	MERIT MEDICAL SYSTEMS, INC.
2023267923	CY BIOPHARMA AG	2023272953	CONOCOPHILLIPS COMPANY
2023268158	STRYKER EUROPEAN OPERATIONS LIMITED	2023272962	ICOSAVAX, INC.
2023268327	T OMEGA AS	2023273041	XALUD THERAPEUTICS, INC.
2023268393	THE POPULATION COUNCIL, INC.; THE UNITED STATES OF AMERICA, AS REP'D BY THE SECY., DEPT. OF HEALTH AND HUMAN SERVICES	2023273105	HOME HABILIS
2023268394	FTC SOLAR, INC.	2023273233	SAS INSTITUTE INC.
2023268455	AXONICS, INC.	2023273273	HOVR INC.
2023268498	THE UNIVERSITY OF CHICAGO; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2023273584	MERCK SHARP & DOHME LLC
2023269102	PSIQUANTUM CORP.	2023273636	INSULET CORPORATION
2023269274	VERACYTE, INC.	2023273726	UNIVERSITY OF PUERTO RICO
2023269295	PAN PACIFIC PLASTICS MFG., INC.	2023273729	CHART ENERGY & CHEMICALS, INC.
2023269646	THE CHILDREN'S HOSPITAL OF PHILADELPHIA	2023273808	GLAUKOS CORPORATION
2023269678	FIRESTORM LABS, INC.	2023273823	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
2023269680	NORTHWESTERN UNIVERSITY; SYENEX, INC.	2023273836	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
2023270107	PROXCONTROL IP B.V.	2023273863	ATOM THERAPEUTICS CO., LTD
2023270109	EQUINOR ENERGY AS	2023273873	LYELL IMMUNOPHARMA, INC.
2023270248	SEKISUI HOUSE, LTD.	2023273885	MEDXCELL SA
2023270362	SQUIRE KENT PTY LIMITED	2023273967	AARDEVO B.V.
2023270464	BUZZELET DEVELOPMENT AND TECHNOLOGIES LTD.	2023273972	TECHTRONIC CORDLESS GP
2023270497	NOVARTIS AG	2023274034	TAKEDA PHARMACEUTICAL COMPANY LIMITED; CEPHALON, LLC
2023270577	SOLAR MATERIALS GMBH	2023274047	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2023270605	NUREXONE BIOLOGIC LTD.	2023274288	FUNKY MONKEY BARS PTY LTD
2023270702	NOVUM GROUP AG	2023274297	WILO SE
2023270780	UNICHARM CORPORATION	2023274395	PULPEX LIMITED
2023270804	TECHTRONIC CORDLESS GP	2023274470	LG CHEM, LTD.
2023270917	BEIJING JINGDONG QIANSHI TECHNOLOGY CO., LTD.	2023274617	LG CHEM, LTD.
2023271201	UNICHARM CORPORATION	2023274870	AKIRAM THERAPEUTICS AB
2023271380	SHAPERON INC.; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION	2023274919	PLUSEIGHT TECHNOLOGY AB
2023271417	JULIUS-MAXIMILIANS-UNIVERSITAET WUERZBURG	2023274927	LEONARDO UK LTD
2023271525	MARUHO CO., LTD.	2023274952	INNOVHEART S.R.L.
2023271625	BRAATEN TECHNOLOGY AS	2023275066	LECHLEITNER, C.M.I.
2023271697	NORTHROP GRUMMAN SYSTEMS CORPORATION	2023275218	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.
2023271720	ELI LILLY AND COMPANY	2023275264	THE COCA-COLA COMPANY
2023271759	THE PENN STATE RESEARCH FOUNDATION	2023275376	CAPITAL ONE SERVICES, LLC.
2023271827	REGENERON PHARMACEUTICALS, INC.	2023275391	ARRAY TECHNOLOGIES, INC.
2023271845	SCHLUMBERGER TECHNOLOGY B.V.	2023275488	INHALON BIOPHARMA, INC.
2023271853	THE CHILDREN'S HOSPITAL OF PHILADELPHIA	2023275534	BACKBEAT MEDICAL, LLC
2023271958	INSULET CORPORATION	2023275537	ROACH, M.
2023272084	ENKEFALOS BIOSCIENCES, INC.; ENKEFALOS BIOSCIENCES, LLC	2023275586	QUANEX IG SYSTEMS, INC.
2023272141	HUAWEI TECHNOLOGIES CO., LTD.	2023275688	ELI LILLY AND COMPANY
2023272287	NILFISK A/S	2023275760	REGENERON PHARMACEUTICALS, INC.
2023272316	GUY'S AND ST THOMAS' NHS FOUNDATION TRUST	2023275764	ILLUMINA, INC.
2023272330	INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); INSTITUT NATIONAL DES SCIENCES APPLIQUEES DE TOULOUSE; UNIVERSITE DE BORDEAUX; INSTITUT POLYTECHNIQUE DE BORDEAUX	2023275773	AKAGERA MEDICINES, INC.
2023272331	ORTHOPED LTD	2023275780	BASF SE
2023272335	TECHTRONIC CORDLESS GP	2023275803	ONENESS BIOTECH CO., LTD.
2023272388	FOUNDRY INNOVATION & RESEARCH 1, LTD.	2023275815	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023272413	COMUS CONSTRUCTION, LLC	2023275836	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2023272582	EINSTED CORPORATION	2023275838	HERAEUS PRECIOUS METALS GMBH & CO. KG
2023272598	PPC BROADBAND, INC.	2023275842	BAE SYSTEMS PLC
2023272705	UNICHARM CORPORATION	2023275963	HITACHI RAIL STS S.P.A.
2023272758	SYNOVA RENEWABLE TECHNOLOGY B.V.; NEDERLANDSE ORGANISATIE VOOR TOEGE-	2023276002	SPRING LOADED AND LOCKED PTY LTD
		2023276180	CHEMETICS INC.
		2023276188	RIVERS, D.
		2023276274	BLUEROCK THERAPEUTICS LP
		2023276337	ROHM AND HAAS COMPANY
		2023276346	EDWARDS LIFESCIENCES CORPORATION
		2023276404	SUZHOU IMMUNOFOCO BIOTECHNOLOGY CO., LTD
		2023276514	MARS, INCORPORATED
		2023276557	ATEA PHARMACEUTICALS, INC.
		2023276582	

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2023276599	IKENA ONCOLOGY, INC.	2023280790	IMUBIT ISRAEL LTD.
2023276606	SCHWING BIOSET, INC.	2023280891	ARRAY TECHNOLOGIES, INC.
2023276766	REGENERON PHARMACEUTICALS, INC.	2023280956	SECOND HEART ASSIST, INC.
2023276802	3D PLUS	2023281061	BRISTOL-MYERS SQUIBB COMPANY
2023276951	JAPHAM GROUP LIMITED	2023281105	ORGLMEISTER, A.
2023277095	LG CHEM, LTD.	2023281156	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2023277142	FELLE, K.A.	2023281278	LUNELLA BIOTECH, INC.
2023277174	PAYPAL, INC.	2023281299	UPL LIMITED
2023277190	CATERPILLAR INC.	2023281527	ATROX SNAKE BARRIER, LLC
2023277374	ROHM AND HAAS COMPANY	2023281539	BIOAGE LABS, INC.
2023277441	HILL'S PET NUTRITION, INC.	2023281615	SYNCROMUNE, INC.
2023277453	HILL'S PET NUTRITION, INC.	2023281623	COLGATE-PALMOLIVE COMPANY
2023277475	FUJIFILM HOLDINGS AMERICA CORPORATION; FUJIFILM IRVINE SCIENTIFIC	2023281734	NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED, MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
2023277524	DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.	2023281798	HAWA SLIDING SOLUTIONS AG
2023277540	SCHWING BIOSET, INC.	2023281838	REGION SYDDANMARK; SYDDANSK UNIVERSITET
2023277551	BIONTECH SE	2023281844	SYNGENTA CROP PROTECTION AG
2023277556	MODINE LLC	2023281901	HAWA SLIDING SOLUTIONS AG
2023277565	KODIAK ROBOTICS, INC.	2023282410	DUALITY BIOLOGICS (SUZHOU) CO., LTD.
2023277612	REVIVE ENVIRONMENTAL TECHNOLOGY, LLC	2023282453	ELISA OYJ
2023277622	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	2023282466	PROVEXIS NATURAL PRODUCTS LIMITED
2023277646	SONNET BIOTHERAPEUTICS, INC.	2023282557	CROP.ZONE GMBH
2023277648	CERTUS CRITICAL CARE, INC.	2023282575	COLLIBRA BELGIUM BV
2023277655	ROQUETTE FRERES	2023282770	MOTOROLA SOLUTIONS, INC.
2023277689	KSB SE & CO. KGAA	2023282859	CAPITAL ONE SERVICES, LLC.
2023277700	BASF SE	2023282995	ZTE CORPORATION
2023277704	BOEHRINGER INGELHEIM VETMEDICA GMBH	2023283253	JOINT STOCK COMPANY "BIOCAD"
2023277747	BASF SE	2023283458	PROGNOMIQ, INC.
2023277779	PULPEX LIMITED	2023283464	SCRIBE THERAPEUTICS INC.
2023277829	RATHI, R.A.	2023283549	SIONNA THERAPEUTICS INC.
2023277884	CLEAN PLANET INC.	2023283598	CROP.ZONE GMBH
2023278162	INTEGRAL MOLECULAR, INC.	2023283699	VERASTEM, INC.
2023278164	SCRIBE THERAPEUTICS INC.	2023283768	RENEWABLE ENERGY GROUP, INC.
2023278486	ZYDUS LIFESCIENCES LIMITED	2023284080	UNILEVER GLOBAL IP LIMITED
2023278770	RHINOGRAM INC.	2023284137	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DE- VELOPMENT LIMITED
2023278778	PAYPAL, INC.	2023284181	ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWER- IES, LTD.
2023278798	CORTEVA AGRISCIENCE LLC	2023284414	MOLEAER, INC.
2023278871	ARRIS ENTERPRISES LLC	2023284442	CENTURY THERAPEUTICS, INC.
2023278880	RESEARCH TRIANGLE INSTITUTE	2023284488	OXIQUIM S.A.
2023278887	CHEVRON U.S.A. INC.	2023284775	KNDS DEUTSCHLAND GMBH & CO. KG
2023278980	MEMJET TECHNOLOGY LIMITED	2023285002	ALBIREO AB
2023279029	ENERVENUE HOLDINGS, LTD.	2023285032	MCDANEL ADVANCED CERAMIC TECHNOLOGIES, LLC
2023279050	HAWA SLIDING SOLUTIONS AG	2023285069	FOUNDATION SURGICAL GROUP, INC.
2023279126	HSP HOCHSPANNUNGSGERÄTE GMBH	2023285400	ZYDUS LIFESCIENCES LIMITED
2023279234	EXPOSURE ILLUMINATION ARCHITECTS, INC.	2023285530	NIPPON STEEL CORPORATION
2023279251	IDEAYA BIOSCIENCES, INC.; GLAXOSMITHKLINE IN- TELLECTUAL PROPERTY (NO.4) LIMITED	2023285678	SIMPSON STRONG-TIE COMPANY INC
2023279256	GISSI S.P.A.	2023286182	TY MAXXY PTY LTD
2023279374	KAGOSHIMA UNIVERSITY; SUMITOMO METAL MIN- ING CO., LTD	2023286251	TORAY INDUSTRIES, INC.
2023279413	ADVANCED SMART MOBILITY CO., LTD	2023286726	IFP ENERGIES NOUVELLES
2023279786	F. HOFFMANN-LA ROCHE AG	2023287476	TME PHARMA AG
2023279812	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)	2023287656	NAYAX LTD.
2023279849	CELLECTIS SA	2023288094	CLASADO LIMITED
2023279850	ROUSSELOT BV	2023288141	JOHNSON & JOHNSON VISION CARE, INC.
2023280052	SUNTORY HOLDINGS LIMITED	2023288274	NIPPON STEEL CORPORATION
2023280165	CECILIAN PARTNERS, INC.	2023288535	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.
2023280328	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	2023288603	METAMORPHOSIS GMBH
2023280419	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC RESEARCH INSTITUTE OF PETROLEUM PROCESSING CO., LTD.	2023288764	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.
2023280476	PROLIFIC MACHINES INC.	2023288945	SUMITOMO CHEMICAL COMPANY, LIMITED
2023280490	SLINGSHOT BIOSCIENCES, INC.	2023288951	NIPPON STEEL CORPORATION
2023280520	ORGLMEISTER, A.	2023289650	WALKER DIGITAL TABLE SYSTEMS, LLC
2023280563	ICEYE OY	2023289658	ASKLEPIOS BIOPHARMACEUTICAL, INC.
2023280572	SYNGENTA CROP PROTECTION AG	2023289896	NIKANG THERAPEUTICS, INC.
2023280723	VÄLINGE INNOVATION AB	2023289899	INCYCLIX BIO, LLC
2023280730	JANI INTERNATIONAL PTE. LTD.	2023290080	NESTE OYJ
2023280789	BLUEROCK THERAPEUTICS LP	2023290086	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
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2023290251	CEMVITA FACTORY, INC.
2023290275	MODERN MEADOW, INC.
2023291510	6 OVER 6 VISION LTD.
2023291984	BOAT LIFT S.R.L.
2023292293	ARTHREX, INC.
2023293163	UNIVERSITY OF GUELPH; TECMERRA METHANE SOLUTIONS INC.
2023294498	PGA TOUR ENTERPRISES, LLC
2023294712	GLOBAL LIFE SCIENCES SOLUTIONS USA LLC
2023295227	LONE GULL HOLDINGS, LTD.
2023295229	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
2023295285	BORAH, INC.
2023295399	IRIDCCS TECHNOLOGIES LLC
2023296374	GO TOUCH VR
2023296430	TAIGEN BIOTECHNOLOGY CO., LTD.; TAIGEN BIOPHARMACEUTICALS CO. (BEIJING) , LTD.
2023296869	HAWA SLIDING SOLUTIONS AG
2023296954	GO TOUCH VR
2023297816	HILTI AKTIENGESELLSCHAFT
2023297828	HUNTSMAN ADVANCED MATERIALS AMERICAS LLC
2023298141	FUJIFILM HOLDINGS AMERICA CORPORATION; FUJIFILM CELLULAR DYNAMICS, INC.
2023298221	PULPEX LIMITED
2023299798	HG PARTNERS, LLC
2023299966	HILTI AKTIENGESELLSCHAFT
2023300579	NESTE OYJ
2023300938	REGIONAL FISH INSTITUTE, LTD.
2023301002	BIOKIT RESEARCH & DEVELOPMENT, S.L.U; UNIVERSITY OF GREISFWALD
2023301010	HAWA SLIDING SOLUTIONS AG
2023305155	ALCON INC.
2023305914	ALCON INC.
2023306479	SIKA TECHNOLOGY AG
2023307299	CENTRO ALTA TECNOLOGIA ISTITUTO DI RICER- CHE CHIMICHE E BIOCHIMICHE G. RONZONI S.R.L.
2023307880	NORTHROP GRUMMAN SYSTEMS CORPORATION
2023308427	ACERGY FRANCE SAS
2023309042	HC SYNTHETIC PHARMACEUTICAL CO., LTD.
2023310518	HC SYNTHETIC PHARMACEUTICAL CO., LTD.
2023312013	ZHEJIANG ZHONGZAI MEDICAL TECHNOLOGY CO., LTD.
2023312664	WUXI LONGI HYDROGEN TECHNOLOGY CO., LTD.
2023319135	MTI GROUP PTY LTD
2023319516	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2023323161	ENI S.P.A.
2023327682	F. HOFFMANN-LA ROCHE AG
2023330001	CONOCOPHILLIPS COMPANY
2023341906	ESTIS COMPRESSION, LLC
2023342680	HALLIBURTON ENERGY SERVICES, INC.
2023349447	GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI
2023349819	HAWA SLIDING SOLUTIONS AG
2023360361	DYNO NOBEL INC.
2023372762	GTI ENERGY
2023378829	ESCO MEDICAL TECHNOLOGIES, UAB
2023378830	ESCO MEDICAL TECHNOLOGIES, UAB
2023378831	ESCO MEDICAL TECHNOLOGIES, UAB
2023378832	ESCO MEDICAL TECHNOLOGIES, UAB
2023378833	ESCO MEDICAL TECHNOLOGIES, UAB
2023387478	SUNGROW POWER SUPPLY CO., LTD.
2023437650	AREPA IP LIMITED
2024204164	BMSA ANCHORING SYSTEMS PTY LTD
2024231084	ILLUMINA, INC.
2024252409	QINGDAO PORT INTERNATIONAL CO., LTD.; QING- DAO PORT INTERNATIONAL CO., LTD. QIANGANG BRANCH COMPANY
2024264645	APT ASIA PACIFIC PTY. LTD.
2024264703	APT ASIA PACIFIC PTY. LTD.

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	2023288945	<u>A45D 2 /-</u>	2023268158	2023261706	2023282466
<u>A01D 34 /-</u>	<u>A01P 3 /-</u>	2023276951		2023261809	
2023261874	2023281299		<u>A61B 5 /-</u>	2023262106	<u>A61K 38 /-</u>
		<u>A45D 20 /-</u>	2023256499	2023262556	2023272084
<u>A01D 75 /-</u>	<u>A01P 7 /-</u>	2023276951	2023260569	2023262617	2023272839
2023261874	2023257320		2023268158	2023267632	2023274047
		<u>A47J 27 /-</u>	2023272316	2023267760	2023277704
<u>A01G 13 /-</u>	<u>A23D 9 /-</u>	2023272388	2023272388	2023267923	2023279812
2022456018	2023270702	2023273233	2023273233	2023268327	2023279850
2023281527	2023260581	2023281734		2023268393	2023280328
		<u>A47J 43 /-</u>	<u>A61B 8 /-</u>	2023269274	2023280490
<u>A01G 9 /-</u>	<u>A23G 1 /-</u>	2023270702	2023271720	2023270464	2023281539
2023255520	2023276557		2023272886	2023271720	2023284442
		<u>A47K 10 /-</u>	2023273105	2023272886	2023285002
<u>A01H 1 /-</u>	<u>A23J 3 /-</u>	2022455953	2023273636	2023273729	
2023273972	2023290275	2022456707	2023273729	2023273823	<u>A61K 39 /-</u>
		<u>A47L 11 /-</u>	2023273873	2023273873	2022471287
<u>A01K 1 /-</u>	<u>A23K 10 /-</u>	2023258090	2023273967	2023273967	2023256642
2023280730	2023277453	2023272287	2023275815	2023275815	2023256671
2023281527		2023274034	2023276582	2023276582	2023256674
	<u>A23K 20 /-</u>		2023276599	2023276599	2023258900
<u>A01M 1 /-</u>	2023267760	<u>A47L 5 /-</u>	2023277622	2023277622	2023260936
2022456713	2023270780	2023270804	2023277704	2023277704	2023262192
	2023277441	2023272335	2023278486	2023278486	2023262513
<u>A01M 21 /-</u>	2023277704	2023274034	2023278798	2023278798	2023270497
2023282557	<u>A23K 50 /-</u>	<u>A47L 7 /-</u>	2023278880	2023278880	2023271380
2023283598	2023270780	2023274034	2023279251	2023279251	2023273041
	2023277441		2023280328	2023280328	2023274047
<u>A01N 25 /-</u>	2023277704	<u>A47L 9 /-</u>	2023280490	2023280490	2023274919
2023272330		2023285069	2023281061	2023281061	2023275534
	<u>A23L 2 /-</u>		2023281278	2023281278	2023277551
<u>A01N 41 /-</u>	2022461756	2023270804	2023281623	2023281623	2023277646
2023257320	2023275376	2023272287	2023281838	2023281838	2023279812
	2023275586	2023272335	2023282410	2023282410	2023281061
<u>A01N 43 /-</u>		<u>A61B 1 /-</u>	2023284137	2023284137	2023281615
2023257320	<u>A23L 33 /-</u>	2023268158	2023285002	2023285002	2023283253
2023280572	2022458803		2023286251	2023286251	
2023281299	2023260581	<u>A61B 10 /-</u>	2023288094	2023288094	<u>A61K 45 /-</u>
2023281844	2023275376	2023256499	2023289896	2023289896	2022458803
	2023279850		2023295229	2023295229	2023255339
<u>A01N 53 /-</u>	2023437650	<u>A61B 17 /-</u>	2023295285	2023295285	2023256541
2023288945	2023276557	2023256921	2023296430	2023296430	2023268393
		2023262477	2023307299	2023307299	2023279812
<u>A01N 59 /-</u>	<u>A23L 5 /-</u>	2023262480	2023309042	2023309042	2023280328
2023281299	2023260581	2023268158	2023310518	2023310518	2023281838
		2023276404			2023285002
	<u>A23L 7 /-</u>	2023285069	<u>A61H 31 /-</u>	<u>A61K 33 /-</u>	2023295229
	2023277655	2023292293	2022459383	2023255693	2023327682
				202325693	
			<u>A61K 31 /-</u>	2023267760	<u>A61K 47 /-</u>
			2022458803	2023275376	2022458803
			2023254488		2023226259
			2023255339		2023255693
				<u>A61K 35 /-</u>	2023257182
				2023258900	2023260936
				2023259742	

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2023268393	<u>A61L 9 /-</u>	2023278880	2023284442	<u>B01D 11 /-</u>	<u>B01J 8 /-</u>
2023269680		2023281539	2023289896		
2023273823	2023270362		2023289899	2023283768	2023280790
2023273967		<u>A61P 27 /-</u>		2023290080	2023300579
2023277704	<u>A61M 39 /-</u>		<u>A61P 37 /-</u>		
2023279812		2023273823		<u>B01D 17 /-</u>	<u>B05B 1 /-</u>
2023282410	2023290091	2023295229	2022471287		
2023285400		2023309042	2023255774	2023283768	2022455368
2023296430	<u>A61M 60 /-</u>		2023256541		
2023327682		<u>A61P 29 /-</u>	2023267474	<u>B01D 46 /-</u>	<u>B05B 12 /-</u>
	2023280956		2023270497		
<u>A61K 48 /-</u>		2023255774	2023275815	2023288535	2023270107
	<u>A61N 1 /-</u>	2023263309	2023309042		
2023256671		2023267632	2023310518	<u>B01D 53 /-</u>	<u>B08B 9 /-</u>
2023264251	2023268455	2023268327			
2023267474	2023272316	2023270497	<u>A61P 39 /-</u>	2023272582	2023330001
2023275780	2023275537	2023271720		2023276188	
2023289658			2022458803		<u>B23B 45 /-</u>
2023327682	<u>A61P 1 /-</u>	<u>A61P 3 /-</u>		<u>B01D 61 /-</u>	
			<u>A61P 43 /-</u>		2023297816
<u>A61K 51 /-</u>	2023277704	2023255339		2023275760	
	2023282466	2023257557	2023284137	2023290086	<u>B23B 49 /-</u>
2023274919	2023288094	2023259742			
	2023295229	2023268327	<u>A61P 5 /-</u>	<u>B01D 65 /-</u>	2023297816
<u>A61K 8 /-</u>		2023278880			
	<u>A61P 11 /-</u>	2023279850	2023259742	2023290086	<u>B23B 51 /-</u>
2023255525		2023279850	2023280328		
2023272330	2023256541	2023280328		<u>B01D 9 /-</u>	2023299966
2023281623	2023262106	<u>A61P 31 /-</u>	<u>A61P 7 /-</u>		
2023284080	2023275534			2023278798	<u>B23G 5 /-</u>
	2023283549	2023257557	2023271417		
<u>A61K 9 /-</u>	2023288094	2023262192		<u>B01F 23 /-</u>	2022459961
	2023309042	2023269680	<u>A61P 9 /-</u>		
2022458803		2023271525		2022455368	<u>B23K 31 /-</u>
2023226259	<u>A61P 13 /-</u>	2023272886	2023272839	<u>B01F 25 /-</u>	
2023255339		2023275534	2023281838		2023288274
2023255414	2023255693	2023277551		2022455368	<u>B23K 9 /-</u>
2023255693	2023262513	2023285002	<u>A61Q 11 /-</u>	<u>B01F 27 /-</u>	2023288274
2023257182		2023288094			
2023260936	<u>A61P 17 /-</u>		2023255525	<u>B01F 27 /-</u>	2023288274
2023268393		<u>A61P 35 /-</u>		2023277689	<u>B23P 19 /-</u>
2023273823	2023272873		<u>A61Q 15 /-</u>		
2023275780	2023277453	2022458803		<u>B01J 13 /-</u>	2023297816
2023277704	2023281623	2022461814	2023284080		
2023278486	2023309042	2023255774		2023279374	<u>B23P 6 /-</u>
2023280490		2023256032	<u>A61Q 19 /-</u>		
2023285400	<u>A61P 19 /-</u>	2023256674		<u>B01J 19 /-</u>	2022459961
2023288094		2023257102	2023281623		
2023296430	2023270497	2023257557	<u>A62C 31 /-</u>	2023249258	<u>B25B 23 /-</u>
	2023273873	2023258644		2023255287	
<u>A61L 17 /-</u>		2023258900	2023280520	2023274395	2023297816
	<u>A61P 21 /-</u>	2023260278	2023281105		
2023292293		2023261706		<u>B01J 20 /-</u>	<u>B25J 15 /-</u>
	2022471287	2023261809	<u>A62C 37 /-</u>		
<u>A61L 2 /-</u>	2023270497	2023262556		2023279374	2023270917
	2023286251	2023262596	2023281105		
2023270362	<u>A61P 25 /-</u>	2023262617	<u>A63B 1 /-</u>	<u>B01J 21 /-</u>	<u>B29C 49 /-</u>
		2023269274			
<u>A61L 24 /-</u>	2023255339	2023271380	2023274297	2023255287	2023277779
	2023255414	2023271827		2023280419	2023298221
2023255275	2023255774	2023273885	<u>A63B 17 /-</u>		
2023259255	2023257182	2023274047		<u>B01J 23 /-</u>	<u>B33Y 80 /-</u>
	2023257557	2023274919	2023274297		
<u>A61L 26 /-</u>	2023258059	2023276599		2023275842	2022459383
	2023263309	2023277622	<u>A63B 71 /-</u>	2023293163	
2023255275	2023267632	2023277646			<u>B41J 2 /-</u>
	2023267671	2023278162	2023294498	<u>B01J 32 /-</u>	
<u>A61L 27 /-</u>	2023268327	2023279251			2023278980
	2023269646	2023279812	<u>A63F 13 /-</u>	2023280419	
2023255275	2023270464	2023281278		<u>B01J 35 /-</u>	<u>B41J 25 /-</u>
2023312013	2023273636	2023281615	2023257644		
	2023276337	2023282410		2023275842	2023278980
	2023278486	2023283253			

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B60D 1 /-	B62D 115 /-	B65D 5 /-	2023274395	C07D 211 /-	2023258059 2023277622
2023258632	2023279413	2022455953 2022456707	C01C 1 /-	2023257557 2023271720	C07D 413 /-
B60L 15 /-	B62D 131 /-	B65D 51 /-	2023264575 2023281156	C07D 213 /-	2023255414 2023262617 2023283549
2022468066	2023279413	2023275586	C01F 17 /-	2023262106 2023276599	
B60L 50 /-	B62D 33 /-	B65D 6 /-	2023277374	2023277622 2023278798 2023280572	C07D 417 /-
2022468066	2023277142	2023265814	C01F 5 /-		2023255414 2023258059 2023262617 2023267632 2023272886 2023276599 2023279251 2023280572
B60L 53 /-	B62D 53 /-	B65D 83 /-	2023258617	C07D 231 /-	
2022468066	2023258632	2022455953 2022456707	C01F 7 /-	2023260278	
B60L 7 /-	B62D 55 /-	B65D 88 /-	2023280419	C07D 239 /-	
2023257542	2023277142	2023312664	C02F 1 /-	2023261809 2023277622	C07D 419 /-
B60N 2 /-	B62D 6 /-	B65D 90 /-	2023257289 2023277612 2023284414	C07D 249 /-	2023262617
2023255238 2023267211	2023279413	2023276180 2023312664	C02F 101 /-	2023262617	C07D 471 /-
B60P 7 /-	B62D 65 /-	B65G 21 /-	2023257289 2023277612	C07D 251 /-	2023262556 2023263309 2023271720 2023273636 2023273873 2023283549 2023296430
2023276180	2023277565	2023266402	C04B 20 /-	C07D 263 /-	
B60R 1 /-	B63B 21 /-	B65G 29 /-	2023272413	2023262617	
2023277565	2023270109 2023299798	2023257540	C04B 28 /-	C07D 271 /-	C07D 487 /-
B60R 11 /-	B63B 25 /-	B65G 67 /-	2023255525 2023272413	2023262617	2023256032 2023257102 2023267632 2023272873 2023273636 2023289896 2023289899
2023277565	2023288274	2024252409	C04B 35 /-	C07D 401 /-	
B60T 13 /-	B63B 35 /-	B66C 13 /-	2023255287	2023255414 2023258059 2023259742 2023260278 2023263309 2023271720 2023272886 2023276599 2023280572 2023281844	202325414 2023258059 2023272873 2023273636 2023289896 2023289899
2023257542	2023270109 2023299798	2023291984	C06B 47 /-	C07D 491 /-	
B60T 17 /-	B63B 73 /-	B66C 19 /-	2023360361	202325414 2023258059 2023263309 2023272873 2023273636 2023289896 2023289899	C07D 491 /-
2023257542	2023288274	2023291984	C07C 213 /-	202325414 2023258059 2023263309 2023272873 2023273636 2023289896 2023289899	
B60W 30 /-	B63C 3 /-	B67D 1 /-	2023310518	C07C 215 /-	C07D 493 /-
2023279413	2023291984	2023263957 2023279256 2023284181	C07C 225 /-	2023258059 2023262617 2023263309 2023272886 2023277622	2023259742
B60W 60 /-	B63C 7 /-	B82Y 15 /-	2023278880	C07C 277 /-	C07D 498 /-
2023279413	2023271625	2022461179	C07C 277 /-	2023272886 2023277622	2023272873 2023273636
B61H 7 /-	B64C 3 /-	B82Y 20 /-	2023310518	C07D 405 /-	C07D 513 /-
2023257542 2023257547	2023269678	2022461179	C07C 331 /-	2023255414 2023258059 2023259742 2023261809 2023271720 2023272886 2023277622 2023283549 2023283699	2023273636
B61L 23 /-	B64U 20 /-	B82Y 40 /-	2023259742	C07C 331 /-	C07D 519 /-
2023276002	2023269678	2022461179	C07C 59 /-	2023259742 2023261809 2023271720 2023272886 2023277622 2023283549 2023283699	2023283549
B61L 27 /-	B65D 19 /-	C01B 17 /-	2023267760	C07D 209 /-	C07F 9 /-
2023276002	2023265814 2024252409	2023276188	2023255414 2023272886	2023255414 2023272886	2023284137 2023309042 2023310518
B62D 101 /-	B65D 30 /-	C01B 21 /-		C07D 409 /-	
2023279413	2023269295	2023275842			
B62D 113 /-	B65D 33 /-	C01B 3 /-			
2023279413	2023269295	2023264575			

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<u>C07H 1 /-</u>	2023283253 2023301002	<u>C08L 99 /-</u>		<u>C12C 11 /-</u>	<u>C12N 5 /-</u>	<u>C21B 13 /-</u>
2023273967		2023255520		2023280052	2023254488 2023255602	2022471041 2022471176 2022471368
<u>C07H 13 /-</u>	<u>C07K 19 /-</u>	<u>C09D 5 /-</u>		<u>C12C 12 /-</u>	2023259742 2023272839	<u>C21C 5 /-</u>
2023273967	2023276514 2023281615	2023276346		2022461756 2023280052	2023273885 2023276337 2023277475	2022471041 2022471176 2022471368
<u>C07H 15 /-</u>	<u>C07K 7 /-</u>	<u>C09D 7 /-</u>		<u>C12G 3 /-</u>	2023280328 2023280476	<u>C21C 7 /-</u>
2023261706 2023272330	2023269646 2023272084	2023276346		2022461756	2023280789 2023283253 2023284442 2023298141	2022471041 2022471176 2022471368
<u>C07H 17 /-</u>	<u>C08B 37 /-</u>	<u>C09K 5 /-</u>		<u>C12H 1 /-</u>		
2023281278	2023307299	2024264645 2024264703		2023284181		
<u>C07H 19 /-</u>	<u>C08G 18 /-</u>	<u>C09K 8 /-</u>		<u>C12M 1 /-</u>	<u>C12N 7 /-</u>	<u>C22B 11 /-</u>
2023255774	2022457059 2023306479	2023271845		2023275586 2023294712	2023258900 2023267474	2023290251
<u>C07H 21 /-</u>	<u>C08G 59 /-</u>	<u>C10B 49 /-</u>		2023378829 2023378830	<u>C12N 9 /-</u>	<u>C22B 15 /-</u>
2023249258	2023297828	2023272758		2023378831 2023378832 2023378833	2023249258 2023271853 2023273836 2023277655 2023278164 2023283464	2023272835
<u>C07J 63 /-</u>	<u>C08G 63 /-</u>	<u>C10B 53 /-</u>		<u>C12M 3 /-</u>		<u>C22B 21 /-</u>
2023259742	2022457059	2023272758		2023276337 2023277475		2023272835
<u>C07K 14 /-</u>	<u>C08J 11 /-</u>	<u>C10G 1 /-</u>		2023378829 2023378830 2023378831 2023378832 2023378833	<u>C12P 19 /-</u>	<u>C22B 23 /-</u>
2023256633 2023256671 2023258900 2023262596 2023267474 2023267671 2023269646 2023269680 2023271417 2023272084 2023272839 2023274047 2023276766 2023277646 2023278162 2023279812 2023279849 2023280328 2023284442 2023285400	2023272758	2023272758 2023288535		<u>C12N 1 /-</u>	2023249258 2023267923 2023272330 2023277655	2023258617 2023272835
	<u>C08J 5 /-</u>	<u>C10G 2 /-</u>		2023271525 2023290251	<u>C12P 7 /-</u>	<u>C22B 26 /-</u>
	2023255520 2023297828	2023288764 2023300579		<u>C12N 11 /-</u>	2023290080	2023258617 2023271759 2023272835
	<u>C08K 3 /-</u>	<u>C10G 3 /-</u>		2023275773	<u>C12Q 1 /-</u>	<u>C22B 3 /-</u>
	2023276346 2023306479	2023288535 2023300579		<u>C12N 15 /-</u>	2023249258 2023258027 2023269274 2023271525 2023273836 2023275764 2023275773 2023276557 2024231084	2023272835
	<u>C08K 5 /-</u>	<u>C10G 31 /-</u>		2022471287 2023256633 2023256674 2023258547 2023264251 2023267474 2023267671 2023269646 2023270605 2023271853 2023272839 2023273836 2023273885 2023275764 2023275773 2023276514 2023276557 2023278164 2023279849 2023280476 2023281615 2023283253 2023287476 2023289658 2023300938	<u>C12P 19 /-</u>	<u>C22B 47 /-</u>
	2023277700 2023306479	2023283768		<u>C12N 11 /-</u>		2023272835
	<u>C08L 23 /-</u>	<u>C10G 45 /-</u>		<u>C12N 11 /-</u>		<u>C22B 7 /-</u>
	2023258114	2023288764 2023300579		<u>C12N 11 /-</u>		2023272835
	<u>C08L 33 /-</u>	<u>C10G 47 /-</u>		<u>C12N 11 /-</u>		<u>C22B 7 /-</u>
	2023259255 2023274617 2023274870 2023277095	2023300579		<u>C12N 11 /-</u>		2023272835
	<u>C08L 5 /-</u>	<u>C10G 65 /-</u>		<u>C12N 11 /-</u>		<u>C22C 18 /-</u>
	2023307299	2023300579		<u>C12N 11 /-</u>		2023285530
	<u>C08L 67 /-</u>	<u>C10G 69 /-</u>		<u>C12N 11 /-</u>		<u>C23C 2 /-</u>
	2023255520 2023274617 2023274870 2023277095	2023372762		<u>C12N 11 /-</u>		2023285032 2023285530
	<u>C08L 97 /-</u>	<u>C10K 1 /-</u>		<u>C12N 11 /-</u>		<u>C25B 1 /-</u>
	2023255520 2023274617 2023274870 2023277095	2023288535		<u>C12N 11 /-</u>		2023264575 2023274288 2023281156 2023293163
	<u>C08L 97 /-</u>	<u>C11B 1 /-</u>		<u>C12N 11 /-</u>		<u>C25B 11 /-</u>
	2023255520	2023290080		<u>C12N 11 /-</u>		2023257289 2023274288
		<u>C11D 1 /-</u>				
		2023272330				

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2023293163	<u>E04F 13/-</u>	<u>E21B 23/-</u>	<u>F03D 80/-</u>	<u>F16D 65/-</u>	<u>F25J 3/-</u>
<u>C25B 3/-</u>	2023280723	2023342680	2022457114	2023257547	2023281156
2023293163	<u>E04F 15/-</u>	<u>E21B 33/-</u>	<u>F03G 7/-</u>	<u>F16K 15/-</u>	<u>F27B 14/-</u>
<u>C25B 9/-</u>	2023280723	2022472266	2023295399	2023275586	2023246368
2023264575	<u>E04F 19/-</u>	2023271845	<u>F04B 1/-</u>	<u>F16L 1/-</u>	<u>F27B 3/-</u>
2023277747	2023255221	2023330001	2023276606	2023308427	2022471041
<u>C25C 3/-</u>	<u>E04G 21/-</u>	<u>E21B 34/-</u>	<u>F04B 23/-</u>	<u>F16L 37/-</u>	2022471176
2023246368	2023274927	2022457103	2023277540	2023378829	2022471368
<u>C30B 29/-</u>	<u>E04H 12/-</u>	2023342680	<u>F04B 39/-</u>	2023378830	<u>F27D 3/-</u>
2023278798	2024204164	2023330001	2023264334	2023378831	2022471041
<u>D02G 3/-</u>	<u>E04H 15/-</u>	<u>E21B 37/-</u>	<u>F04B 41/-</u>	2023378832	2022471176
2023292293	2023274927	2023330001	2023276606	2023378833	2022471368
<u>D06N 3/-</u>	<u>E04H 17/-</u>	<u>E21B 43/-</u>	<u>F04B 49/-</u>	<u>F17C 5/-</u>	<u>F28D 15/-</u>
2023290275	2023281527	2022457103	2023341906	2023341906	2023277556
<u>D21J 3/-</u>	2024204164	2022472266	<u>F04B 51/-</u>	<u>F17D 1/-</u>	<u>F41A 23/-</u>
2023274470	<u>E05B 47/-</u>	2023271845	2023276606	2023341906	2023275963
2023277779	2023255782	2023308427	2023277540	<u>F17D 5/-</u>	<u>F41A 27/-</u>
2023298221	<u>E05C 19/-</u>	2023341906	2023341906	2023341906	2023284775
<u>D21J 7/-</u>	<u>E05D 11/-</u>	<u>E21B 44/-</u>	<u>F04B 51/-</u>	<u>F24D 17/-</u>	<u>F42D 1/-</u>
2023274470	2023296869	2022461467	2023276606	2023264634	2023284488
2023298221	<u>E05D 11/-</u>	2022464199	<u>F04B 9/-</u>	<u>F24D 19/-</u>	2023360361
<u>E01C 13/-</u>	2023301010	2023272962	2023277540	<u>F04C 18/-</u>	<u>F42D 3/-</u>
2024264645	<u>E05D 15/-</u>	<u>E21B 47/-</u>	<u>F04C 18/-</u>	2023246368	<u>F42D 3/-</u>
<u>E02D 27/-</u>	2023279050	<u>E21B 49/-</u>	2023275264	<u>F24F 11/-</u>	2023360361
2024204164	2023281798	2022461467	<u>F04C 29/-</u>	2023349447	<u>G01B 5/-</u>
<u>E02D 5/-</u>	2023281901	2023272962	2023277540	<u>F24S 25/-</u>	2024252409
2024204164	2023296869	<u>E21D 20/-</u>	2023275264	2023268394	<u>G01D 3/-</u>
<u>E02F 3/-</u>	2023301010	2022464199	<u>F16B 12/-</u>	<u>F24S 30/-</u>	2023277648
2023277190	<u>E05D 3/-</u>	<u>F01D 15/-</u>	2023285678	2023275488	<u>G01F 1/-</u>
<u>E02F 9/-</u>	2023273863	2023275836	<u>F16B 33/-</u>	<u>F24T 10/-</u>	2023278887
2023277142	2023301010	<u>F02B 63/-</u>	2023299966	2023258543	<u>G01F 15/-</u>
2023277190	<u>E05D 5/-</u>	2023341906	<u>F16B 5/-</u>	<u>F24V 30/-</u>	2023278887
<u>E03C 1/-</u>	2023273863	<u>F02G 5/-</u>	2023255221	2023277884	<u>G01F 23/-</u>
2023279256	<u>E05F 1/-</u>	2023274395	<u>F16B 7/-</u>	<u>F25B 17/-</u>	2023256294
<u>E04B 1/-</u>	2023279050	<u>F03B 13/-</u>	2023274297	2023274395	<u>G01F 25/-</u>
2023270248	2023301010	2023295227	<u>F16C 13/-</u>	<u>F25D 23/-</u>	2023278887
2023285678	2023349819	2023295399	2023285032	2023273863	<u>G01F 3/-</u>
<u>E04B 2/-</u>	<u>E21B 17/-</u>	<u>F03B 17/-</u>	<u>F16D 1/-</u>	<u>F25D 3/-</u>	2023278887
2023256678	2023330001	2023295399	2023275488	2023263957	<u>G01G 1/-</u>
<u>E04B 7/-</u>	<u>E21B 19/-</u>	<u>F03D 13/-</u>	<u>F16D 63/-</u>	<u>F25J 1/-</u>	2023273233
2023274927	2022464199	2022457114	2023257542	2023273808	
		2023270109	2023257547	2023286726	

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<u>G01L 1 /-</u>		<u>G06F 3 /-</u>	<u>G06T 7 /-</u>	<u>G16H 40 /-</u>	<u>H01R 24 /-</u>
2023277648	<u>G01V 1 /-</u>	2023280165 2023282575 2023296374 2023296954	2023288603 2023291510 2023305155	2023272946 2023273726	2023272598
<u>G01L 19 /-</u>	2023262553			<u>G16H 50 /-</u>	<u>H01R 4 /-</u>
2023259347	<u>G01V 13 /-</u>		<u>G06V 10 /-</u>	2023257723 2023271958 2023272946 2023273726 2023281734 2023305155	2023272598
<u>G01L 27 /-</u>	2023262553	<u>G06F 30 /-</u>	2023291510 2023305155		<u>H01R 9 /-</u>
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<u>G01L 5 /-</u>	2022456713	<u>G06F 7 /-</u>	2023277174	<u>H01F 27 /-</u>	<u>H01S 3 /-</u>
2023297816	<u>G01V 9 /-</u>	2022458684	<u>G06V 40 /-</u>	2023288951	2023268498 2023274952
<u>G01L 9 /-</u>	2023299798	<u>G06F 9 /-</u>	2023277174	<u>H01F 29 /-</u>	<u>H01S 5 /-</u>
2023259347 2023277648	<u>G02B 26 /-</u>	2022459529 2023255782	<u>G07F 17 /-</u>	2023263666	2023268498 2023271697
<u>G01M 7 /-</u>	2023268498	<u>G06K 19 /-</u>	2023289650	<u>H01F 38 /-</u>	<u>H02J 15 /-</u>
2023262553	<u>G02B 27 /-</u>	2023289650	<u>G08B 13 /-</u>	2023279126	2023274395
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2022460087	<u>G06F 1 /-</u>	2023271697 2023280790	2023286182	2023277556	<u>H01L 27 /-</u>
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<u>G01S 5 /-</u>	2023255494 2023277174 2023280165 2023280563 2023282575	<u>G06Q 50 /-</u>	<u>G16B 40 /-</u>	<u>H01M 16 /-</u>	<u>H02K 21 /-</u>
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	<u>G06F 21 /-</u>		2023271958 2023272946 2023273726 2023279786	2023274395 2023277884	2023275838
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		2023323161
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		2023257589
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	2023282859	
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	2023278770	
<u>H02M 7 /-</u>		
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2022262830		
2023387478	2023319516	
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2023263666	2023257303	
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2023275488		
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	2023257644	
2023257303		
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2023256294		
	<u>H04W 72 /-</u>	
<u>H04B 7 /-</u>		
	2022469189	
2023257303	2022473767	
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2023278871	2023257644	
<u>H04L 27 /-</u>	<u>H04W 84 /-</u>	
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<u>H04L 5 /-</u>	<u>H05B 6 /-</u>	
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 (21) 2019345297 (22) 18.09.2019
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 E04F 11/18 (2006.01)
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 F21V 15/00 (2015.01)
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 F21V 21/00 (2006.01)
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B29B 7/32 (2006.01)
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B29C 64/00 (2017.01)
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B29D 11/00 (2006.01)
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B33Y 50/02 (2015.01)
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A61P 3/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
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B60T 1/06 (2006.01)
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G16H 50/70 (2018.01)
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G09F 3/00 (2006.01)
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B33Y 10/00 (2015.01)
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C21D 8/00 (2006.01)

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A61Q 19/08 (2006.01)

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B65B 5/10 (2006.01)
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G06F 17/18 (2006.01)
F03D 15/00 (2016.01)
G06F 17/00 (2019.01)

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C07K 16/30 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)

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H04N 21/431 (2011.01)
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A61C 19/06 (2006.01)
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C02F 3/00 (2023.01)
C02F 3/10 (2023.01)
C02F 3/12 (2023.01)
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H04W 4/02 (2018.01)
H04W 4/021 (2018.01)
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C07K 16/30 (2006.01)
A61K 38/20 (2006.01)
C07K 14/54 (2006.01)
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C12N 5/0783 (2010.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4375 (2006.01)
A61P 35/00 (2006.01)
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C07D 403/14 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 401/12 (2006.01)
C07D 409/14 (2006.01)
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A61F 2/26 (2006.01)
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A61D 19/00 (2006.01)
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A61P 1/00 (2006.01)

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C12N 5/0775 (2010.01)
A61K 35/32 (2015.01)
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G02B 6/44 (2006.01)

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F24F 11/36 (2018.01)
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F25B 13/00 (2006.01)
F25B 49/02 (2006.01)

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F16C 19/24 (2006.01)
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F16B 39/02 (2006.01)
F16B 37/00 (2006.01)
E04C 5/12 (2006.01)
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 (54) Nut with injection port for reinforcing bar
 (51) Int. Cl.
F16B 39/02 (2006.01)
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F16B 31/02 (2006.01)
E04C 5/16 (2006.01)
F16B 7/18 (2006.01)
E04B 1/58 (2006.01)
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C07C 29/152 (2006.01)
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C08J 5/04 (2006.01)
C09J 167/00 (2006.01)
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A61K 8/22 (2006.01)
A61Q 11/00 (2006.01)
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(72) SAGEL, Paul, Albert; RAJIAH, Jayanth
(74) AJ PARK

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(54) ORAL CARE ARTICLE COMPRISING A WATER INSOLUBLE DELIVERY CARRIER AND SOLID HYDROPHILIC PARTICLES COMPRISING AN ORAL CARE ACTIVE AGENT
(51) Int. Cl.
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A61K 8/22 (2006.01)
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 B01F 27/09 (2022.01)
 A61K 31/095 (2006.01)
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 B01F 31/60 (2022.01)
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**Zhong Jing Wei Shi (Suzhou) Optical Tech-
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2018298437	Medicover Public Co Ltd	2019261616	CSP Technologies, Inc.
2018308773	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2019261675	MONTI-Werkzeuge GmbH
2018316551	European Molecular Biology Laboratory	2019261727	Prysmian S.p.A.
2018325290	BIOGENTS AG	2019261983	Nevro Corp.
2018329159	Bayer Aktiengesellschaft	2019266372	Synhelion SA; ENI S.p.A.
2018331383	Arrowhead Pharmaceuticals, Inc.	2019268319	New York University; Yeda Research and Development Co. Ltd.
2018346427	Anderson Innovations, LLC	2019268508	Grenzebach BSH GmbH
2018355343	Sangamo Therapeutics, Inc.	2019269203	Johnson & Johnson Consumer Inc.
2018358840	Armstrong World Industries, Inc.	2019271198	Jumpstart Fertility Pty Ltd; Life Biosciences, Inc.; Marcuccio, S.; Joyce, R.; Wathier, M.; Dolle, R.; Tucker, S.
2018377850	Fliteboard Pty Ltd	2019274402	Tyco Fire Products LP
2018380956	Chr. Hansen HMO GmbH	2019274812	Douglas Pharmaceuticals Limited
2018383664	Inovio Pharmaceuticals, Inc.	2019276585	safeBVM Corp.
2018385901	ACD Pharmaceuticals AS	2019276640	MUSC Foundation for Research Development; Van Andel Research Institute
2018387428	KMS Projects Limited	2019277587	Cardio Ring Technologies, Inc
2018388389	Häggström, E.	2019278953	Cardio Ring Technologies, Inc.
2018390004	Hilti Aktiengesellschaft	2019283802	Salesforce, Inc.
2018390171	Intervet International B.V.	2019289201	Subsea 7 Limited
2018390988	DSI Underground Australia Pty Limited	2019290226	Align Technology, Inc.
2018392002	Flexible Steel Lacing Company	2019293380	LUIGI LAVAZZA – SOCIETA' PER AZIONI
2018424693	Electrolux Appliances Aktiebolag	2019297158	Elta Systems Ltd.
2018434969	Metso Outotec Finland Oy	2019298962	Fairlife, LLC
2018441765	NTT DOCOMO, INC.	2019300069	Subsea 7 Norway AS
2018448115	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2019301858	Université de Lausanne
2019201995	KONE Corporation	2019306743	Underground Extraction Technologies Pty Ltd
2019202768	Deere & Company	2019307935	Aladdin Manufacturing Corporation
2019202975	IGT	2019308311	Cold Spring Harbor Laboratory; DepYmed, Inc.
2019203808	Bluedot Innovation Pty Ltd	2019310003	SpyGlass Pharma, Inc.; The Regents of the University of Colorado, a body corporate
2019204003	Promat Australia Pty Ltd; Etex Building Performance GmbH	2019313350	Washington State University
2019207655	Hettich-ONI GmbH & Co. KG	2019314263	PCP Tactical, LLC
2019208045	The Board of Trustees of the Leland Stanford Junior University	2019317796	Magaldi Power S.p.A.
2019210697	Gekko Systems Pty Ltd	2019320773	OSSIFI THERAPEUTICS LLC
2019211319	Nanodropper, Inc.	2019322077	SPEX Corporate Holdings Limited
2019211398	Bioelectrics LLC	2019322389	Goldschmidt Holding GmbH
2019212719	Exelixis, Inc.	2019326933	Boehringer Ingelheim International GmbH
2019213712	Braincept AG	2019330229	HARTMAN, D.A.; SHETTERLEY, W.A.J.; WOLFE, C.
2019214966	Nevro Corp.	2019334434	Fachhochschule Nordwestschweiz
2019218711	Regen Lab SA	2019337623	Lundbeck La Jolla Research Center, Inc.; Celgene Corporation
2019218893	NeuPharma, Inc.	2019339322	Munters Corporation
2019219293	Global Life Sciences Solutions USA LLC	2019340588	Atlante S.R.L.
2019219588	Panacea Quantum Leap Technology LLC	2019345058	Avedro, Inc.
2019221188	Fisher & Paykel Healthcare Limited	2019345297	1 Globe Biomedical Co., Ltd.; 1 Globe Health Institute LLC
2019221199	DePuy Synthes Products, Inc.		

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2019349934	ABSCI Corporation	2020289855	ARB Corporation Ltd
2019350393	BP P.L.C.	2020291124	Reichenstein, S.
2019351925	TDeltaS Limited	2020335076	ST Engineering Aerospace Ltd.
2019352859	ESS Tech, Inc.	2020336969	Beam Therapeutics Inc.
2019353186	Tyco Fire Products LP	2020355614	GlaxoSmithKline Intellectual Property Development Limited
2019354591	The Glad Products Company	2020359008	Simpson, T.
2019355979	Amgen Inc.	2020361545	Merz Therapeutics GmbH
2019357793	Ojjo, Inc.	2020363214	Shaanxi Micot Technology Co., Ltd.
2019359204	Janssen Pharmaceuticals, Inc.	2020386053	Northern Agri Brands LLC
2019361733	Commonwealth Scientific and Industrial Research Organisation	2020443710	Chiyoda Corporation
2019364157	Stendals EL AB	2020465021	Longi Solar Technology (Taizhou) Co., Ltd.
2019370731	Aprofol AG	2020473676	ZTE CORPORATION
2019373567	Helmholtz-Zentrum für Umweltforschung GmbH - UFZ	2020482776	COLGATE-PALMOLIVE COMPANY
2019375992	DSM IP Assets, B.V.	2021202343	Novartis AG
2019376144	DSM IP Assets, B.V.	2021219556	G2GBIO, INC.
2019376476	Richter Gedeon Nyrt.	2021221724	Illinois Tool Works Inc.
2019376668	DSM IP Assets, B.V.	2021232802	Lart Bio Co., Ltd.
2019377234	Marel Salmon A/S	2021232868	Caterpillar Inc.
2019381629	Flaskworks, LLC	2021267580	Ningbo Tuoluzhe Auto Accessories Co., Ltd
2019383286	Szymański, M.	2021280913	BYD Company Limited
2019383311	NFlection Therapeutics, Inc.	2021286438	The Schepens Eye Research Institute, Inc.
2019383570	RAI Strategic Holdings, Inc.	2021287536	Gencellmed Inc.
2019384150	Milwaukee Electric Tool Corporation	2021299350	Nihon Nohyaku Co., Ltd.
2019384691	MA Industries, LLC	2021301804	FUJIFILM Corporation; National University Corporation Tokyo Medical and Dental University
2019386018	Qingdao KingAgroot Chemical Compound Co., Ltd.	2021305238	Dendrite Imaging, Inc.
2019387215	Becton, Dickinson and Company	2021310358	Paragon 28, Inc.
2019388851	Edwards Lifesciences Corporation	2021323912	Carl Freudenberg KG
2019390408	Kimberly-Clark Worldwide, Inc.	2021323970	Inventio AG
2019391808	Leverton Holding LLC	2021327911	KANGLIN BIOTECHNOLOGY (HANGZHOU) CO., LTD.
2019392058	The Trustees of Indiana University	2021340899	NEXTRACKER LLC
2019393894	Rebound Therapeutics Corporation	2021341221	CJ CHEILJEDANG CORPORATION
2019393953	Boehringer Ingelheim International GmbH	2021348066	TMRW LIFE SCIENCES, INC.
2019397586	Alcon Inc.	2021349029	LG ELECTRONICS INC.
2019398339	Terns, Inc.	2021349204	BARNET PRODUCTS, LLC
2019398451	Intra-Cellular Therapies, Inc.	2021353224	NEW-TEC INTEGRATION (XIAMEN) CO., LTD.
2019398710	BAE Systems plc	2021362932	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.; HAIER US APPLIANCE SOLUTIONS, INC.
2019402081	Amgen Inc.	2021364565	The Procter & Gamble Company
2019406059	Sandvik Mining and Construction Oy; Sandvik Mining and Construction Tools AB	2021364566	THE PROCTER & GAMBLE COMPANY
2019406998	Lifbak Limited	2021365764	THE PROCTER & GAMBLE COMPANY
2019407218	Illumina Cambridge Limited	2021365765	THE PROCTER & GAMBLE COMPANY
2019409710	Subsea 7 Norway AS	2021366578	CRRC YANGTZE CO., LTD.
2019410227	Société des Produits Nestlé S.A.	2021368436	NIPPON STEEL CORPORATION
2019418102	Inversiones Iraso Ii Ltda.	2021373306	ESTECH A/S
2019420838	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021382505	BKT CO., LTD.
2019429551	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2021388965	SCHOLL'S WELLNESS COMPANY LIMITED
2020200503	CATERPILLAR INC.	2021394536	UNILEVER GLOBAL IP LIMITED
2020201363	Glory Ltd	2021398436	CJ CHEILJEDANG CORPORATION
2020203677	NEC Platforms, Ltd.	2021400778	POSCO CO., LTD
2020204779	Evaxion Biotech A/S	2021405238	INTERNATIONAL BUSINESS MACHINES CORPORATION
2020207325	Qualcomm Incorporated	2021417412	INTERNATIONAL BUSINESS MACHINES CORPORATION
2020207591	Grünenthal GmbH	2021432887	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2020215741	Detnet South Africa (Pty) Ltd	2021454491	ASCLETIS BIOSCIENCE CO., LTD
2020218626	BioClue BV	2022200929	Research Institute at Nationwide Children's Hospital
2020220394	Amadeus S.A.S.	2022201205	Illumina Cambridge Limited
2020221287	Savant Systems, Inc.	2022202173	Alnylam Pharmaceuticals, Inc.
2020222239	Fundación Instituto de Investigación Contra la Leucemia Josep Carreras (IJC); Institució Catalana de Recerca i Estudis Avançats (ICREA); Fundació Institut d'Investigació en Ciències de la Salut Germans Trias i Pujol (IGTP)	2022202820	Psomagen, Inc.
2020228799	Henan Medinno Pharmaceutical Technology Co., Ltd.	2022202844	International N&H Denmark ApS
2020254661	Majeed, M.; Nagabhushanam, K.; Beede, K.; Arumugam, S.; Majeed, S.	2022203194	Becton Dickinson Rowa Germany GmbH
2020260120	Magpul Industries Corp.	2022205484	PHAENO THERAPEUTICS CO., LTD.; MEDSHINE DISCOVERY INC.
2020266419	SeaRAS AS	2022208204	LTS LOHMANN THERAPIE-SYSTEME AG
2020268928	Jiangsu Academy Of Agricultural Sciences	2022208884	BAOSHAN IRON & STEEL CO., LTD.
2020278464	Raytheon Company	2022209356	Illinois Tool Works Inc.
2020279224	Novartis AG	2022211352	F. Hoffmann-La Roche AG
		2022211791	Meridian Medical Technologies, Inc.
		2022213483	WONDERLAND SWITZERLAND AG

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2022214185	NAIAD MARITIME GROUP, INC.	2023200177	Royal Bank of Canada
2022214915	PARATA SYSTEMS, LLC	2023200315	Beckman Coulter, Inc.
2022218668	CATERPILLAR INC.	2023200822	Tutela Technologies Ltd.
2022221515	Illinois Tool Works Inc.	2023200887	LG Electronics Inc.
2022223312	ALFA LAVAL CORPORATE AB	2023200947	UPL LIMITED
2022224829	Lakewood Amedex, Inc.	2023200975	Helrom GmbH
2022224832	Xefco Pty Ltd	2023201092	Avery Dennison Corporation
2022230670	KNORR-BREMSE SYSTEME FÜR SCHIENEN-FAHRZEUGE GMBH	2023201182	Arla Foods Amba
2022231788	Dexcom, Inc.	2023201445	CASIO COMPUTER CO., LTD.
2022235241	DAIKIN INDUSTRIES, LTD.	2023201715	Huawei Technologies Co., Ltd.
2022235590	Sony Corporation	2023202238	The Raymond Corporation
2022237154	HK INNO.N CORPORATION	2023202341	Snap-on Incorporated
2022237559	3M INNOVATIVE PROPERTIES COMPANY	2023202375	LG Electronics Inc.
2022241470	DOUXMATOK LTD.	2023202435	Vanderbilt University
2022241497	The Regents of the University of California	2023203003	Prince, T.L.
2022241620	AP&C Advanced Powders & Coatings Inc.	2023203214	Equifax, Inc.
2022241974	PAYPAL, INC.	2023203943	Lee, H.
2022242757	ELI LILLY AND COMPANY	2023204083	LG Electronics Inc.
2022242851	SCHOLL'S WELLNESS COMPANY LIMITED	2023204126	W. L. Gore & Associates, Inc.
2022246399	CARBON TECHNOLOGY HOLDINGS, LLC	2023204598	Lifetime Products, Inc.
2022250941	FUJITSU GENERAL LIMITED	2023214211	Intuit Inc.
2022250961	KOMATSU LTD.	2023214365	Rovi Guides, Inc.
2022252784	Canon Kabushiki Kaisha	2023215235	XGS ENERGY, INC.
2022256059	SCHLAGE LOCK COMPANY LLC	2023219866	SHANDONG WEIFANG RAINBOW CHEMICAL CO., LTD
2022256164	Gurtler Industries, Inc.	2023222842	Avent, Inc.
2022256167	The Johns Hopkins University; Mayo Foundation for Medical Education and Research; Buck Institute for Research on Aging; Unity Biotechnology, Inc.	2023222632	Asian Prime Sources Limited
2022257127	Guangzhou Shiyuan Electronic Technology Company Limited; GUANGZHOU SHIRUI ELECTRONICS CO., LTD.	2023222633	8 Rivers Capital, LLC; Palmer Labs, LLC
2022259854	Boston Scientific Scimed, Inc.	2023233095	Amsted Rail Company, Inc.
2022261135	TPE MIDSTREAM LLC	2023241367	Canva Pty Ltd
2022263465	Chevron U.S.A. Inc.	2023246473	SIEMENS AKTIENGESELLSCHAFT
2022263539	Juno Therapeutics, Inc.	2023247265	A.D. KEPPEL INVESTMENTS PTY LTD
2022263596	Abiomed, Inc.	2023263558	CHINA ENFI ENGINEERING CORPORATION; CHINA ENFI ENGINEERING CO., LTD.
2022263951	PULSE BIOSCIENCES, INC.	2023266209	EVERSEEN LIMITED
2022265695	BOSTON SCIENTIFIC SCIMED, INC.	2023270230	Covidien LP
2022266129	SIEMENS GAMESA RENEWABLE ENERGY INNOVATION & TECHNOLOGY S.L.	2023309624	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2022271366	Endotronix, Inc.	2024202352	Dolby International AB
2022271494	Huawei Technologies Co., Ltd.	2024204409	Sandvik Mining and Construction Oy
2022273204	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2024205728	Zhaoqing Tianying Biotechnology Co., Ltd.
2022276271	FUJIKURA LTD.	2024216518	nthalmic holding Pty Ltd; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd
2022279396	HICARE HEALTH FOODS PTY LIMITED	2024219451	GRIP HOLDINGS LLC
2022283707	Equilume Limited	2024219554	Exsomed Corporation
2022283720	Transportation IP Holdings, LLC		
2022286823	SPHEREX, INC.		
2022287549	Deakin University		
2022287638	Rovi Guides, Inc.		
2022294335	mitsubishi heavy industries, LTD.		
2022297925	KOMATSU LTD.		
2022298913	SIEMENS ENERGY GLOBAL GMBH & CO. KG		
2022303197	NETSCOUT SYSTEMS, INC.		
2022304637	NETSCOUT SYSTEMS, INC.		
2022321019	ACERA SURGICAL, INC.		
2022332117	BOSTON SCIENTIFIC SCIMED INC.		
2022337841	SHENZHEN 01 LIFE SCIENCE AND TECHNOLOGY CO., LTD.		
2022349295	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.		
2022349296	WUHAN OPTICS VALLEY ZOYON SCIENCE AND TECHNOLOGY CO., LTD.		
2022358643	CHINA UNIVERSITY OF MINING AND TECHNOLOGY		
2022401404	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.		
2022417378	GOOGLE LLC		
2022439360	EMERGING COMPOUNDS TREATMENT TECHNOLOGIES, INC.		
2022440525	NGK INSULATORS, LTD.		
2022447723	TOTALENERGIES ONETECH		
2023200162	Qvinci Software, LLC		

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2018387428	<u>A01N 61 /-</u>	2018380956 2019236237 2022241470	2019293380 2019410227	<u>A61B 3 /-</u>	2019211319 2019254043 2019310003 2019397586		2017379900 2018253962 2018256436 2018308773 2018355343 2020254661 2020361545 2020363214 2021219556 2021286438
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2020386053	<u>A01P 3 /-</u>	2018380956 2019236237 2022241470	2019383570	2019277587 2019278953 2019388851 2021305238 2022231788 2022241497 2022271366	2018272839 2018331383 2018355343 2019212719 2019218711 2019218893 2019221535 2019239073 2019271198 2019274812 2019301858 2019326933 2019334434 2019337623 2019345297 2019351925 2019370731 2019375992 2019376144 2019376668 2019383311 2019398339 2019398451 2019410227 2020207591 2020228799 2020361545 2021299350 2021454491 2022205484 2022224829 2022237154 2022256167 2022337841	<u>A61H 3 /-</u>	
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	2020228799	2021454491			
2018308773		2024205728	2022440525	<u>B22F 3 /-</u>	2019354591
2019236237	<u>A61P 15 /-</u>	<u>A61P 37 /-</u>	<u>B01F 27 /-</u>	2019398710	<u>B32B 3 /-</u>
2019313350			2024205728	<u>B22F 9 /-</u>	2019240764
2019334434	2019271198	2018308773	<u>B01F 31 /-</u>	2019247388	<u>B32B 37 /-</u>
2021219556	<u>A61P 17 /-</u>	2019393953		2022241620	
2022208204		2019410227	2024205728	<u>B23K 101 /-</u>	2019354591
<u>A61L 27 /-</u>	2017362222	2020207591	<u>B01F 35 /-</u>	2019322389	<u>B32B 5 /-</u>
	2018253962	<u>A61P 5 /-</u>			
2019218711	2018308773	2019398339	2024205728	<u>B23K 23 /-</u>	2019240764
2022321019	2019221535	2020361545	<u>B01J 19 /-</u>	2019322389	2022224832
<u>A61M 16 /-</u>	2019383311				
	2022237154	<u>A61P 7 /-</u>	2019266372	<u>B24B 1 /-</u>	<u>B32B 9 /-</u>
2019221188	2022242757		<u>B01J 2 /-</u>	2019261675	2019240764
2019276585	2022337841	2018270407		<u>B24B 29 /-</u>	<u>B33Y 10 /-</u>
<u>A61M 21 /-</u>	<u>A61P 19 /-</u>	2018308773	<u>B01J 20 /-</u>	2019261675	2019398710
		2019370731		<u>B25B 23 /-</u>	<u>B33Y 30 /-</u>
2022283707	2018308773	<u>A61P 9 /-</u>	2022241620	2024219451	2019398710
<u>A61M 25 /-</u>	2019239073		<u>B01J 21 /-</u>	<u>B25C 1 /-</u>	<u>B33Y 50 /-</u>
	2019370731	2018240117		2018390004	2019254043
<u>A61M 35 /-</u>	2020363214	2019351925	<u>B01J 21 /-</u>	<u>B25D 13 /-</u>	<u>B33Y 70 /-</u>
	2021301804	2019370731		2023202341	2019247388
2019387215	2022242757	2021219556	2019373567	<u>B25D 17 /-</u>	<u>B33Y 80 /-</u>
2022263596	<u>A61P 21 /-</u>	<u>A61Q 11 /-</u>	<u>B01J 21 /-</u>	2023202341	2019254043
<u>A61M 35 /-</u>				<u>B29B 7 /-</u>	<u>B60B 27 /-</u>
2019211319	2019351925	2021364565	2019350393	2019307935	2023226632
<u>A61M 37 /-</u>	<u>A61P 25 /-</u>	2021364566	<u>B01J 23 /-</u>	<u>B29B 9 /-</u>	<u>B60C 23 /-</u>
		2021365764		2019247388	2020289855
2023203003	2017357931	2021365765	2019350393	<u>B29C 48 /-</u>	2023226632
<u>A61M 5 /-</u>	2019308311	<u>A61Q 17 /-</u>	<u>B01J 27 /-</u>	2019307935	<u>B60N 2 /-</u>
	2019337623			<u>B29C 64 /-</u>	2019383286
<u>A61M 5 /-</u>	2019370731	2019269203	2020443710	2019254043	2022213483
	2021219556	<u>A61Q 19 /-</u>	<u>B01L 3 /-</u>	2019254043	<u>B60P 1 /-</u>
2019355979	<u>A61P 29 /-</u>			<u>B29D 11 /-</u>	2018274849
2022211791		2021349204	<u>B03D 1 /-</u>	2018388389	2018388389
<u>A61M 60 /-</u>	2018308773	<u>A61Q 7 /-</u>	2018434969	<u>B29D 11 /-</u>	<u>B60R 22 /-</u>
	2022237154		2018434969	2019261616	2022213483
2019237194	<u>A61P 3 /-</u>	2019221535	<u>B03D 103 /-</u>	<u>B32B 1 /-</u>	<u>B60R 3 /-</u>
2019237232		<u>A62B 9 /-</u>		2019261616	
2022332117	2018331383	2019276585	<u>B04B 1 /-</u>	<u>B32B 15 /-</u>	
<u>A61N 1 /-</u>	2019351925				
	2021219556	2019276585	<u>B04B 15 /-</u>	2022223312	
2019211398	<u>A61P 31 /-</u>	<u>A62C 35 /-</u>		2019210697	
2019214966			<u>B04B 7 /-</u>	2019254043	
2019219588	2018308773	2019274402		2019398710	
2019261983	2022205484	2019353186	<u>B05B 1 /-</u>		
2022241497	<u>A61P 33 /-</u>	<u>A63F 13 /-</u>		<u>B29D 11 /-</u>	
2023202435			2019210697	2019254043	
<u>A61N 2 /-</u>	2021299350	<u>B01D 19 /-</u>	2022223312	<u>B32B 1 /-</u>	
	<u>A61P 35 /-</u>		2019210697	2019261616	
2019208045		2019202975	<u>B04B 7 /-</u>	<u>B32B 15 /-</u>	
<u>A61N 5 /-</u>	2017359813	<u>B01D 53 /-</u>			
	2018270407		2019211319	2022224832	
2022283707	2018308773	2020266419	2019384691		
<u>A61P 1 /-</u>	2018383664	2019261616	<u>B05B 11 /-</u>		
	2019212719	2021373306			
2018308773	2019274812	2022440525			
2019308311	2019308311				
2019334434	2019326933				
2020254661	2019393953				
2021365764					

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B60R 9/-	2023204598	2022263465	2019320773 2022337841	C07D 475/-	2018256237 2018256436 2018278321 2019376476 2020222239 2020279224 2020355614 2021202343 2021287536 2022202820
2021267580	B63C 13/-	C01G 3/-		2019370731	
B60T 1/-	2023204598	2022263465	C07D 213/-	C07D 487/-	
2023226632	B64D 11/-	C01G 39/-	2019231764 2019308311 2019407218	2020228799	
B60T 13/-	2020335076	2022263465	C07D 239/-	C07D 491/-	
2022230670 2023226632	B65B 5/-	C01G 49/-	2019212719 2019218893	2021299350	
B60T 17/-	2022203194	2022263465	C07D 265/-	C07D 498/-	C07K 19/-
2022230670	B65C 9/-	C02F 1/-	2021454491	2021454491 2022205484	2017357931
B60W 30/-	2023201092	2019373567 2020266419 2022256164 2022439360	C07D 271/-	C07D 513/-	C08B 37/-
2019297158	B65D 47/-		2019386018	2022205484	2019276640
B61B 12/-	2019211319	C02F 101/-	C07D 277/-	C07D 519/-	C08F 293/-
2021366578	B65D 88/-	2019373567	2019221535	2022205484	2019407218
B61B 3/-	2019300069 2019418102	C02F 11/-	C07D 401/-	C07F 11/-	C08F 8/-
2021366578	B65D 90/-	2021382505	2019308311 2019337623 2019393953 2019407218 2020207591 2021299350 2021454491	2022205484	2019407218
B61C 13/-	2019300069 2019418102	C02F 3/-	C07D 403/-	C07F 9/-	C08G 63/-
2021366578	B65G 45/-	2021382505	2019393953 2020207591 2021454491	2019398339 2023200947	2019256761
B61D 3/-	2018392002	C02F 7/-	C07D 409/-	C07H 1/-	C08J 5/-
2023200975	B66B 1/-	2020266419	2019393953 2020207591 2021454491	2018380956	2019256761
B61D 47/-	2021323970	C04B 33/-	C07D 413/-	C07H 19/-	C08L 97/-
2023200975	B66B 5/-	2019330229	2020207591 2021454491	2019271198	2019313350
B61F 5/-	2019201995	C05F 11/-	C07D 419/-	C07H 3/-	C09D 1/-
2021366578	B66C 13/-	2022246399	2019393953	2018380956 2019376144	2018358840
B61L 27/-	2019306743	C07C 271/-	C07D 417/-	C07J 43/-	C09D 11/-
2023233095	B66C 23/-	2019231764	2020207591 2021454491	2019308311	2019258601
B62D 55/-	2018388389 2023200975	C07C 29/-	C07D 419/-	C07J 71/-	C09D 5/-
2021232868 2022250961	B68B 1/-	2019350393 2022440525	2019221535 2020207591	2022242757	2018358840
B63B 1/-	2022283707	C07C 31/-	C07D 421/-	C07K 14/-	C09J 167/-
2018377850	C01B 17/-	2022440525	2021454491	2018256436 2018278321 2018383664 2019243464 2019349934 2019359204 2020222239 2020361545 2020363214 2021286438 2021287536 2021341221 2021398436	2019256761
B63B 21/-	2022263465	C07C 317/-	C07D 421/-	C07K 14/-	C09K 21/-
2019289201	C01B 19/-	2019301858	2022205484	2018256436 2018278321 2018383664 2019243464 2019349934 2019359204 2020222239 2020361545 2020363214 2021286438 2021287536 2021341221 2021398436	2018358840
B63B 22/-	2022263465	C07C 5/-	C07D 471/-	C07K 16/-	C09K 8/-
2019289201	C01B 3/-	2020443710	2019212719 2019320773 2019326933 2019398451 2020207591 2020228799 2022205484 2022237154		2019243975 2022263465 2023215235
B63B 39/-	2019266372 2020443710	C07C 67/-			C10G 15/-
2022214185	C01G 1/-	C07D 207/-			2019256693
B63B 45/-	2022263465	2019407218			C10G 2/-
2023247265	C01G 19/-	C07D 209/-			2019350393
B63B 5/-				2017359813 2017362222	C10G 7/-

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2019256693	C12N 9/-	C25B 15/-	E02F 9/-	E05F 5/-	2023226633
C10L 3/-	2020336969	2022298913	2022250961	2019207655	F03D 15/-
2022263465	2022202820		2022297925	E06C 5/-	2022401404
	2022202844	D01D 1/-	E04B 1/-	2021267580	F03D 17/-
C11D 1/-	C12P 13/-	2019307935	2018358840	E21B 10/-	2021432887
2021394536	2021341221	D01D 10/-	2019204003	2019406059	F03D 7/-
	2021398436	2022287549	2022221515	E21B 29/-	2021432887
C11D 3/-	C12P 17/-	D01F 11/-	E04C 2/-	2019322077	F03D 80/-
2021394536	2019232011	2022287549	2019240764	E21B 4/-	2021432887
C12M 1/-	C12P 19/-	D01F 6/-	E04C 5/-	2019406059	2022349295
2019219293	2022202820	2019307935	2021221724	E21B 41/-	F03D 9/-
2019381629		2022287549	2022209356	2022447723	2019409710
2019402081	C12P 21/-	D01F 9/-	2022221515	E21B 43/-	F03G 1/-
2022246399	2019376476	2022287549	E04F 10/-	2019243975	2020291124
C12M 3/-	C12P 5/-	D02G 3/-	E04F 11/-	2022447723	F04B 17/-
2022263539	2022246399	2019254690	2023247265	2023215235	2019409710
C12N 1/-	C12Q 1/-	2019307935	E04F 15/-	E21B 44/-	F04B 39/-
2018253526	2018250186	D04H 1/-	2019240764	2020200503	2020289855
2022200929	2018261332	2019390408	E04G 23/-	2024204409	F04B 49/-
C12N 11/-	2018270407	D06F 33/-	2018346427	E21B 7/-	2020289855
2022246399	2018298437	2018424693	E04H 15/-	2024204409	F04D 27/-
	2019242894	D06F 34/-	2017279731	E21C 27/-	2022235241
	2020268928	2018424693	2022224832	2019306743	F04D 29/-
	2020386053	D06F 37/-	E04H 4/-	2019306743	2022218668
2017357931	2022202820	2018424693	2019418102	2020200503	2022235241
2017362222	C12R 1/-	D06F 39/-	E05B 15/-	E21D 20/-	F15B 1/-
2018206485	2018253526	2018424693	2019364157	2024204409	2020291124
2018243383	C21B 13/-	D06F 58/-	2022256059	E21D 21/-	F16B 23/-
2018261332	2023263558	2018424693	E05B 47/-	2018390988	2024219451
2018385901	C21D 8/-	D06M 11/-	E05B 55/-	E21D 9/-	F16B 31/-
2019232011	2021400778	2022224832	2019364157	2019306743	202221515
2019349934	2022208884	D06M 15/-	2022256059	2022358643	F16B 33/-
2019359204	C21D 9/-	2019256761	E05B 63/-	E21F 13/-	2022221515
2020268928	2021400778	E01B 11/-	E05B 65/-	2019306743	F16B 37/-
2020336969	C22B 1/-	2019322389	2019364157	F02C 1/-	2021221724
2020386053	2023263558	E01D 19/-	E05D 15/-	2023226633	2022209356
2021232802	2023263558	2019340588	2019207655	F02C 3/-	2022221515
2021327911	C22B 23/-	E02F 1/-	E05D 3/-	2023226633	F16B 39/-
2021341221	2023263558	2020200503	2019207655	F02C 6/-	2022209356
2021398436	C22B 7/-			2020291124	
2022200929	2023263558				
2022201205	C22C 38/-				
2022202173	2021400778				
2022263539	2022208884				
C12N 5/-	2023263558				
2018256436	C22B 23/-				
2018266202	2023263558				
2018270407	2023263558				
2019381629	C22B 7/-				
2020222239	2023263558				
2021301804	C22C 38/-				
2022263539	2021400778				
C12N 7/-	2022208884				
2021287536	2023263558				
2021327911	C25B 1/-				
2022263539	2022298913				

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<u>F16B 7 /-</u>	<u>F21V 8 /-</u>	<u>F28D 11 /-</u>	<u>G01N 21 /-</u>	<u>G05D 3 /-</u>	<u>G06Q 30 /-</u>
2022221515	2023247265	2019268508	2019278953	2020200503	2022286823
<u>F16C 19 /-</u>	<u>F23Q 5 /-</u>	<u>F28D 5 /-</u>	2021305238	<u>G05G 1 /-</u>	<u>G06Q 40 /-</u>
2022349295	2019256693	2019339322	<u>G01N 23 /-</u>	2020200503	2023200162
<u>F16C 35 /-</u>	<u>F24F 11 /-</u>	<u>F28D 7 /-</u>	2019361733	<u>G06F 11 /-</u>	2023200177
2022349295	2022250941	2022283720	<u>G01N 27 /-</u>	2023214211	<u>G06T 11 /-</u>
<u>F16D 65 /-</u>	<u>F24S 20 /-</u>	<u>F28F 1 /-</u>	2018224235	<u>G06F 15 /-</u>	<u>G06T 11 /-</u>
2023226632	2019266372	2019268508	<u>G01N 30 /-</u>	2023200177	<u>G06T 5 /-</u>
<u>F16D 66 /-</u>	2019317796	2022283720	2018224235	<u>G06F 16 /-</u>	2022214915
2019201995	<u>F24S 70 /-</u>	<u>F28F 13 /-</u>	<u>G01N 33 /-</u>	2019203808	<u>G06T 7 /-</u>
<u>F16H 57 /-</u>	2019266372	2022283720	2018224235	2020220394	2022214915
2022349295	2019317796	<u>F28F 9 /-</u>	2018250186	2022286823	2022349296
<u>F16K 11 /-</u>	<u>F25B 13 /-</u>	2022283720	2018316551	2023200162	<u>G06T 9 /-</u>
2021280913	2022250941	<u>F41A 23 /-</u>	2019242894	2023214211	2022252784
<u>F16K 31 /-</u>	<u>F25B 49 /-</u>	2020260120	2019276640	2023266209	<u>G06V 10 /-</u>
2021280913	2022250941	<u>F42B 3 /-</u>	2019278953	<u>G06F 17 /-</u>	2019377234
<u>F16L 1 /-</u>	<u>F25B 9 /-</u>	2020215741	2022202820	2022401404	2023266209
2019289201	2021417412	<u>F42B 5 /-</u>	<u>G01N 35 /-</u>	<u>G06F 21 /-</u>	<u>G06V 20 /-</u>
<u>F16M 11 /-</u>	<u>F25C 1 /-</u>	2023203943	2021348066	2023203214	2022214915
2020260120	2023202375	<u>F42D 1 /-</u>	<u>G01R 27 /-</u>	<u>G06F 3 /-</u>	<u>G07D 11 /-</u>
2021340899	<u>F25C 5 /-</u>	2019314263	2023203943	2019278953	2020201363
2023200887	2021362932	<u>G01F 1 /-</u>	<u>G01S 7 /-</u>	2022257127	<u>G07D 13 /-</u>
<u>F17C 1 /-</u>	<u>F25D 11 /-</u>	2020215741	2020278464	2023200162	2020201363
2019300069	2023204083	<u>G01F 23 /-</u>	<u>G01V 3 /-</u>	<u>G06F 30 /-</u>	2020201367
2020291124	<u>F25D 23 /-</u>	2023246473	2023203943	2023241367	<u>G07F 17 /-</u>
<u>F21S 8 /-</u>	2023202375	<u>G01L 1 /-</u>	<u>G02B 21 /-</u>	<u>G06F 40 /-</u>	2019202975
2023247265	2023204083	2023246473	2019402081	2019283802	<u>G08B 25 /-</u>
<u>F21V 15 /-</u>	<u>F25D 29 /-</u>	2019277587	<u>G02B 5 /-</u>	<u>G06F 7 /-</u>	2019274402
2023247265	2021362932	2019278953	2023201445	2023214211	<u>G08C 25 /-</u>
<u>F21V 17 /-</u>	<u>F26B 11 /-</u>	<u>G01L 13 /-</u>	<u>G02B 6 /-</u>	<u>G06F 9 /-</u>	2019297158
2023247265	2019268508	2019278953	2022276271	2023200177	<u>G08G 1 /-</u>
<u>F21V 19 /-</u>	<u>F27B 7 /-</u>	2022261135	<u>G02C 7 /-</u>	<u>G06N 10 /-</u>	2019297158
2023247265	2019268508	<u>G01L 19 /-</u>	2024216518	2021405238	<u>G09B 25 /-</u>
<u>F21V 21 /-</u>	<u>F27D 15 /-</u>	2022261135	<u>G03B 13 /-</u>	<u>G06N 20 /-</u>	2023202238
2023247265	2019268508	<u>G01L 7 /-</u>	2023201445	2022241974	<u>G09F 19 /-</u>
<u>F21V 31 /-</u>	<u>F27D 9 /-</u>	2019278953	<u>G03B 15 /-</u>	2022286823	2023200887
2023247265	2019268508	2022261135	2023201445	<u>G06N 3 /-</u>	<u>G09F 3 /-</u>
<u>F21V 33 /-</u>	<u>F28C 1 /-</u>	2022261135	<u>G05D 1 /-</u>	2019268319	2023201092
2023247265	2019339322	2022271366	2019297158	2019391808	<u>G10K 11 /-</u>
		<u>G01N 15 /-</u>	2022214185	2022252784	
		2023200315		2022286823	
				2022286823	

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<u>G10L 19 /-</u>	<u>H02J 7 /-</u>	2022237559
2024202352	2022294335	<u>H04W 12 /-</u>
	2022417378	2022303197
<u>G10L 21 /-</u>	<u>H02P 9 /-</u>	2022304637
2024202352	2022266129	<u>H04W 24 /-</u>
<u>G11B 27 /-</u>	<u>H02S 10 /-</u>	2023200822
2022287638	2019317796	<u>H04W 4 /-</u>
<u>G16B 30 /-</u>	<u>H02S 20 /-</u>	2019203808
2019236289	2019357793	2023200822
2020218626	2021340899	<u>H04W 52 /-</u>
<u>G16B 50 /-</u>	<u>H02S 30 /-</u>	2019429551
2019236289	2019357793	<u>H04W 72 /-</u>
<u>G16H 10 /-</u>	2021340899	2018441765
2022214915	<u>H02S 40 /-</u>	2018448115
<u>G16H 20 /-</u>	2019317796	2020473676
2022211352	<u>H04L 1 /-</u>	<u>H04W 8 /-</u>
<u>G16H 40 /-</u>	2020207325	2023214365
2022211352	<u>H04L 12 /-</u>	<u>H05B 6 /-</u>
<u>G16H 50 /-</u>	2020221287	2019293380
2019345058	<u>H04L 5 /-</u>	
2022211352	2022273204	
<u>G16H 70 /-</u>	<u>H04L 9 /-</u>	
2022214915	2022303197	
<u>H01B 7 /-</u>	2022304637	
2019261727	<u>H04M 1 /-</u>	
<u>H01F 27 /-</u>	2020203677	
2021368436	<u>H04N 19 /-</u>	
<u>H01F 41 /-</u>	2019420838	
2021368436	2022235590	
<u>H01J 35 /-</u>	2022252784	
2019361733	2022271494	
<u>H01J 49 /-</u>	2023201715	
2019392058	<u>H04N 21 /-</u>	
<u>H01L 31 /-</u>	2022286823	
2020465021	2022287638	
<u>H01M 8 /-</u>	2023200822	
2019352859	2023214365	
2022294335	2023309624	
<u>H02J 15 /-</u>	<u>H04N 7 /-</u>	
2020291124	2023214365	
2022294335	<u>H04R 1 /-</u>	
	2020278464	
	2022237559	
	<u>H04R 5 /-</u>	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2021369097 **JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.** (BlueScope Steel Limited)

Patents Granted

Standard Patents

2017278329	2017279548	2017293450	2017325240
2017345390	2017352589	2017363308	2017371472
2017376264	2017382439	2017386888	2018205080
2018211223	2018211262	2018217394	2018219308
2018219595	2018224387	2018229502	2018231369
2018235756	2018247277	2018250486	2018252745
2018260911	2018262648	2018273823	2018284200
2018285981	2018293470	2018298117	2018298486
2018300061	2018301214	2018302286	2018302342
2018306299	2018307792	2018311824	2018321128
2018324514	2018327188	2018328047	2018332646
2018333837	2018334768	2018336130	2018340324
2018340887	2018342246	2018343213	2018346616
2018351068	2018354778	2018356377	2018359019
2018365070	2018366110	2018367231	2018369330
2018372375	2018378002	2018385652	2018387680
2018387713	2018388244	2018389233	2018391532
2018394182	2018394423	2018429021	2018430771
2018434835	2018435434	2018436629	2018437179
2018442717	2019204457	2019205950	2019209760
2019210510	2019221667	2019221886	2019222907
2019223540	2019232145	2019232729	2019232872
2019233949	2019236663	2019240836	2019240839
2019240890	2019244411	2019252881	2019253603
2019254681	2019255282	2019262117	2019263081
2019263401	2019264724	2019264967	2019266190
2019267686	2019270488	2019272577	2019274870
2019275955	2019282173	2019284238	2019285840
2019293246	2019299860	2019304254	2019306745
2019311084	2019312772	2019321092	2019323625
2019325490	2019326321	2019346595	2019349565
2019349791	2019352718	2019360758	2019361713
2019374961	2019377416	2019378007	2019383056
2019405930	2019428717	2019439345	2019463579
2019476279	2019479586	2020213278	2020222577
2020256442	2020269935	2020274774	2020281030
2020281709	2020289739	2020324976	2020326426
2020327664	2020332006	2020342172	2020345975
2020354669	2020368397	2020374138	2020375893
2020389422	2020397645	2020409887	2020416730
2020424076	2020439208	2020452710	2020478589
2021201143	2021202134	2021202360	2021202641
2021208254	2021211019	2021216536	2021220916
2021225919	2021228008	2021228088	2021231187
2021236446	2021255730	2021261909	2021262325
2021262553	2021266060	2021266167	2021277776
2021278069	2021282340	2021284567	2021290288
2021294340	2021299025	2021299590	2021306716
2021309975	2021318220	2021318938	2021323304
2021324583	2021325605	2021335790	2021337476
2021337538	2021338936	2021342437	2021345869
2021346779	2021348592	2021349807	2021353426
2021354815	2021355988	2021359751	2021362181
2021374841	2021375225	2021382943	2021385628
2021391472	2021391670	2021394550	2021396459
2021397286	2021401461	2021402531	2021411330
2021411631	2021413684	2021427775	2021432497
2021434507	2021437231	2021445306	2021455531
2021475883	2022200269	2022201686	2022201696

Patents Granted

Standard Patents

2022201817	2022201830	2022201839	2022202208
2022202793	2022202908	2022203075	2022203076
2022203553	2022203891	2022204220	2022205235
2022208251	2022209252	2022211921	2022215220
2022216604	2022218519	2022221552	2022224420
2022224771	2022224806	2022227809	2022231500
2022231723	2022241507	2022241570	2022245632
2022252718	2022256189	2022259701	2022259793
2022259797	2022267319	2022268294	2022268318
2022268401	2022275420	2022279446	2022279504
2022282193	2022283620	2022287586	2022291571
2022291600	2022291675	2022291677	2022300548
2022301223	2022338621	2022339216	2022340808
2022356212	2022360148	2022361064	2022381216
2022388777	2022395328	2022406862	2023200100
2023200398	2023200505	2023200543	2023201644
2023201781	2023201883	2023202036	2023202735
2023202966	2023203114	2023203162	2023214332
2023214376	2023241368	2023250993	2023264850
2023298191	2024201542	2024202235	2024202236
2024202239	2024202240	2024203450	

Assignments Registered

2004233978	AiCuris Anti-infective Cures GmbH	The patent has been assigned to AIC246 AG & Co. KG
2005245536	AiCuris Anti-infective Cures GmbH	The patent has been assigned to AIC246 AG & Co. KG
2006236684	Cook Medical Technologies LLC	The patent has been assigned to Merit Medical Systems, Inc.
2006257415	AiCuris Anti-infective Cures GmbH	The patent has been assigned to AIC246 AG & Co. KG
2008308910	Cook Medical Technologies LLC	The patent has been assigned to Merit Medical Systems, Inc.
2009251857	Vista Outdoor Operations LLC	The patent has been assigned to Revelyst Operations LLC
2009269134	Vista Outdoor Operations LLC	The patent has been assigned to Revelyst Operations LLC
2010286372	EOTECH, LLC	The patent has been assigned to PHOTONICS WEST, LLC
2010315891	Vista Outdoor Operations LLC	The patent has been assigned to Revelyst Operations LLC
2011323421	Borealis Technical Limited	The patent has been assigned to Wheeltug plc
2012214456	Gilleran, Neal; Borealis Technical Limited	The patent has been assigned to Wheeltug plc
2012340446	Quincy Bioscience, LLC	The patent has been assigned to STILLWATERS BIOSCIENCE GROUP, LLC
2013224947	AiCuris Anti-infective Cures GmbH	The patent has been assigned to AIC246 AG & Co. KG
2013270642	Cook Medical Technologies LLC	The patent has been assigned to Merit Medical Systems, Inc.
2013323288	Quincy Bioscience, LLC	The patent has been assigned to STILLWATERS BIOSCIENCE GROUP, LLC
2013334947	Civitas Therapeutics, Inc.	The patent has been assigned to Merz Pharmaceuticals, LLC

Assignments Registered

2013334949 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2013342246 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2013342247 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2013342248 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2013356299 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2014212484 APTINYX, INC. The patent has been assigned to **Tenacia Biotechnology (Hong Kong) Co., Limited**

2014283231 Acicris Anti-Infective Cures GmbH The patent has been assigned to **AIC246 AG & Co. KG**

2014391721 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2015342919 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2015346430 Quincy Bioscience, LLC The patent has been assigned to **STILLWATERS BIOSCIENCE GROUP, LLC**

2016267585 Radius Pharmaceuticals, Inc. The patent has been assigned to **FRESH CUT DEVELOPMENT, LLC**

2016282485 Printed Energy Pty Ltd The patent has been assigned to **RABIN WORLDWIDE, INC.**

2016297513 Board of Regents, The University of Texas System; NanoString Technologies, Inc. The patent has been assigned to **Board of Regents, The University of Texas System; Bruker Spatial Biology, Inc.**

2016303790 Arlenko Pty Ltd The patent has been assigned to **Rakman International Pty Ltd**

2017263555 Vista Outdoor Operations LLC The patent has been assigned to **Revelyst Operations LLC**

2017270586 Vista Outdoor Operations LLC The patent has been assigned to **Revelyst Operations LLC**

2017279626 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2017281931 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2017306164 Aptinyx Inc. The patent has been assigned to **Tenacia Biotechnology (Hong Kong) Co., Limited**

2017315776 Vista Outdoor Operations LLC The patent has been assigned to **Revelyst Operations LLC**

2017323557 Vista Outdoor Operations LLC The patent has been assigned to **Revelyst Operations LLC**

2018204674 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2018204682 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2018222983 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

Assignments Registered

2018253538 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2018253542 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2018265522 L/N Health and Beauty ApS The patent has been assigned to **neubourg skin care GmbH**

2018288029 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The patent has been assigned to **SystImmune, Inc.**

2018332878 EOTECH, LLC The patent has been assigned to **PHOTONICS WEST, LLC**

2018358138 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; SystImmune, Inc. The patent has been assigned to **SystImmune, Inc.**

2019201928 Borealis Technical Limited The patent has been assigned to **Wheeltug plc**

2019204497 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2019243448 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; SystImmune, Inc. The patent has been assigned to **SystImmune, Inc.**

2019243453 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.; SystImmune, Inc. The patent has been assigned to **SystImmune, Inc.**

2019275577 Borealis Technical Limited The patent has been assigned to **Wheeltug plc**

2020239754 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2020250195 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2020250224 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2020250280 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

2020442003 Baili-Bio (Chengdu) Pharmaceutical Co., Ltd. The patent has been assigned to **SystImmune, Inc.**

2021203155 NanoString Technologies, Inc.; Board of Regents, The University of Texas System The patent has been assigned to **Board of Regents, The University of Texas System; Bruker Spatial Biology, Inc.**

2021261953 Printed Energy Pty Ltd The patent has been assigned to **RABIN WORLDWIDE, INC.**

2021402802 Shandong First Medical University & Shandong Academy of Medical Sciences The patent has been assigned to **Henan Selkin Biomedical Technology Co., LTD**

2021414253 MEDSHINE DISCOVERY INC. The patent has been assigned to **S-INFINITY PHARMACEUTICALS CO.,LTD**

2022202802 Civitas Therapeutics, Inc. The patent has been assigned to **Merz Pharmaceuticals, LLC**

Licences Registered - Section 187, Reg. 19

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

2019346335 Massachusetts Institute of Technology (Cullinan Amber Corp.)

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.

2007290099 **ACTELION PHARMACEUTICALS LTD**

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

For the goods OPSYNV macitentan

2012340159 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Jun 2024

For the goods AMVUTTRA vutrisiran

2013400609 **BeiGene Switzerland GmbH**

The earliest first regulatory approval date provided by the patentee 30 May 2024

For the goods TEVIMBRA tislelizumab

2017225076 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Jun 2024

For the goods AMVUTTRA vutrisiran

2019240658 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Jun 2024

For the goods AMVUTTRA vutrisiran

2020201069 **BeiGene Switzerland GmbH**

The earliest first regulatory approval date provided by the patentee 30 May 2024

For the goods TEVIMBRA tislelizumab

2021206895 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal polysaccharide

Extensions granted

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

2014242906 **OGEDA SA**

The earliest first regulatory approval date provided by the patentee 26 Feb 2024

For the goods VEOZA fezolinetant

Extension of Term of patent pursuant to Section 77 expires on 26 Feb 2039

2014358792 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 09 Jul 2024

For the goods LITFULO ritlecitinib

Extension of Term of patent pursuant to Section 77 expires on 09 Jul 2039

Corrigenda

In Vol 34 , No 12 , Page(s) 1782 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name ChemoCentryx, Inc., Application No. 2018335486, under INID (72) add

Corrigenda

co-inventor SCHALL, Thomas J.; CHARO, Israel; LI, Shijie; JANSON, Christine Marie; SINGH, Rajinder; EBSWORTH, Karen

In Vol 36 , No 35 , Page(s) 4877 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Danmarks Tekniske Universitet, Application No. 2021216418, under INID (72) add co-inventor GILL, Ryan T.

In Vol 58 , No 26 , Page(s) 3852 under the heading **Applications Accepted - Name Index** Under the name ChemoCentryx, Inc., Application No. 2018335486, under INID (72) add co-inventor SCHALL, Thomas J.; CHARO, Israel; LI, Shijie; JANSON, Christine Marie; SINGH, Rajinder; EBSWORTH, Karen

Specifications Republished

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

2019236716	Pentair Water Pool and Spa, Inc.
2019253712	PRC-DeSoto International, Inc.
2019270277	MedImmune Limited; Innate Pharma
2019340767	Dizal (Jiangsu) Pharmaceutical Co., Ltd.
2021234312	Boston Scientific Scimed, Inc.
2021234312	Boston Scientific Scimed, Inc.
2021438215	HITACHI INDUSTRIAL PRODUCTS, LTD.