



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

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Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(44) Date of publication by printing or similar process of a document, on which grant, or certification has taken place on or before the said date.

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

(56) List of prior art documents, if separate from descriptive text

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

(71) Name(s) of applicant(s)

(72) Name(s) of inventor(s) if known to be such

(74) Name(s) of attorney(s) or agent(s)

(75) Name(s) of inventor(s) who is (are) also applicant(s)

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

(2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.

(3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

(4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

- 1987-2022 Volume 1 - 36
- 2023 - Volume 57 -

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 3 Dec 2024 .

<p>AARON CALVIN FANNING see FONTERRA CO-OPERATIVE GROUP LIMITED (21) 2024904083</p>	<p>(71) ARETE LABS & TECHNICAL SOLUTIONS PTY LTD (21) 2024904013 (22) 04.12.2024 (54) FORMULATION AND METHOD FOR TREATMENT OF SKIN</p>	<p>(71) Caroma Industries Limited (21) 2024904077 (22) 10.12.2024 (54) Thermal disinfection water discharge device</p>
<p>(71) Accurateli Pty Ltd. (21) 2024904015 (22) 04.12.2024 (54) System and Method for Accurate Data Field Extraction and Validation from Electronic Documents</p>	<p>(71) Aurion Nexus (21) 2024903975 (22) 30.11.2024 (54) The invention relates to advancements in cybersecurity, artificial intelligence (AI), and blockchain technology. Specifically, the invention addresses ethical decision-making processes in cybersecurity operations and integrates blockchain-based systems for tamper-proof data validation and operational transparency.</p>	<p>(71) Cauldron Molecules Pty Ltd (21) 2024904011 (22) 04.12.2024 (54) Method and system for precision fermentation</p>
<p>(71) Advance ZincTek Limited (21) 2024904061 (22) 09.12.2024 (54) A battery component which comprises zinc oxide and aluminium oxide</p>	<p>(71) Bambax Limited (21) 2024904063 (22) 09.12.2024 (54) MOISTURE MODULATING MATERIALS AND METHODS</p>	<p>(71) Clarke, A. (21) 2024904074 (22) 09.12.2024 (54) DATA COMMUNICATIONS AND METHOD OF SELECTIVE RESTRICTION REGARDING ACCESS TO DESIGNATED INTERACTIVE MEDIA</p>
<p>(71) Alterca Investments Pty Ltd (trading as IPI Australia) (21) 2024904066 (22) 09.12.2024 (54) Removable Shim Pack</p>	<p>(71) Beach Soul Holdings Pty Ltd (21) 2024904084 (22) 10.12.2024 (54) A PORTABLE SHOWER</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024904039 (22) 06.12.2024 (54) Methods and systems for detecting Mycoplasma bovis infection</p>
<p>(71) Alterca Investments Pty Ltd (trading as IPI Australia) (21) 2024904067 (22) 09.12.2024 (54) Improved Transport Cradle</p>	<p>(71) Brazil, N. (21) 2024904008 (22) 03.12.2024 (54) Bed Temperature Regulating System</p>	<p>(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024904048 (22) 06.12.2024 (54) SENSING METHOD AND SYSTEM</p>
<p>(71) Alterca Investments Pty Ltd (trading as IPI Australia) (21) 2024904082 (22) 10.12.2024 (54) Condition Monitoring Data Collection and Management System</p>	<p>(71) Breville Pty Limited (21) 2024904075 (22) 09.12.2024 (54) Kitchen appliance</p>	<p>(71) Derwent Industries Pty Ltd (21) 2024904042 (22) 06.12.2024 (54) A WEAR MEMBER FOR ATTACHMENT TO EARTH WORKING EQUIPMENT</p>
<p>(71) Alzhtec Pty Ltd (21) 2024904037 (22) 06.12.2024 (54) Compositions comprising fungal bio-active compounds, a related apparatus, and methods to treat, ameliorate, or prevent neurodegenerative disorders</p>	<p>(71) Bubnic, R. (21) 2024904022 (22) 04.12.2024 (54) Protective Eyewear with Dual-Zone Lenses used in Dental Applications</p>	<p>(71) Dyno Nobel Asia Pacific Pty Limited (21) 2024904047 (22) 06.12.2024 (54) Blasthole loading</p>
<p>(71) Archer Materials Limited (21) 2024904086 (22) 10.12.2024 (54) An Improved Sensing Chip</p>		<p>(71) ENGELHARD, T. (21) 2024904023 (22) 05.12.2024 (54) MAGNETIC PIECES FOR USE IN A TOY BUILDING SET</p>

Provisional Applications Filed - Name Index cont'd

(71) Eudaemon Technologies Pty Ltd
(21) 2024904065 (22) 09.12.2024
(54) Intragenital drug delivery device

(71) F & T Spagnolo Pty Ltd
(21) 2024904068 (22) 09.12.2024
(54) CLIP FOR CONNECTING SHEETING TO TRELLISING

(71) Firestryker Australasia Pty Ltd
(21) 2024904002 (22) 03.12.2024
(54) Fire Suppression System and uses thereof

(71) Flinders University
(21) 2024904079 (22) 10.12.2024
(54) Polymer Batteries Derived from Biomass

(71) FLYNN, GEOFFREY PETER
(21) 2024904052 (22) 07.12.2024
(54) Underwater Support

(71) FONTERRA CO-OPERATIVE GROUP LIMITED; JASMINE SARAH THOMSON; SIMON ROBERT GILMOUR; TOBY MÜNDEL; JAMES WILLIAM DEKKER; AARON CALVIN FANNING
(21) 2024904083 (22) 10.12.2024
(54) PROBIOTICS AND HEAT STRAIN

(71) GMR Plant Hire Pty Ltd
(21) 2024904025 (22) 05.12.2024
(54) Slope Grooming

Grechko, A. see Grechko, T.
(21) 2024904027

(71) Grechko, T.; Grechko, A.
(21) 2024904027 (22) 05.12.2024
(54) Zipper Puller

(71) Green Tech Super Cooling Systems Pty Ltd
(21) 2024904038 (22) 06.12.2024
(54) Device, System and Method for Preservation of Perishables

(71) Hargrave, A.
(21) 2024904085 (22) 10.12.2024
(54) DEVICE AND METHOD FOR STIMULATING FOCAL MUSCLES

(71) Holt, M.
(21) 2024904012 (22) 04.12.2024
(54) A Beer Keg

(71) Hydric Desalination Pty Ltd
(21) 2024904064 (22) 09.12.2024
(54) Enhanced ion exchange process

(71) iCAM Enterprise Assets Pty Ltd
(21) 2024904059 (22) 09.12.2024
(54) Fit for Purpose (F4P)

(71) INTERCEPT THERAPEUTICS PTY LTD
(21) 2024904031 (22) 05.12.2024
(54) VIRUS DECOY

(71) Jade Australia Pty Ltd
(21) 2024904044 (22) 06.12.2024
(54) STABILISER FOR VISOR ASSEMBLY

JAMES WILLIAM DEKKER see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2024904083

(71) Jam Packed Enterprises Pty Ltd
(21) 2024904081 (22) 10.12.2024
(54) Food Storage Device and cooling block

JASMINE SARAH THOMSON see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2024904083

K.R Baker Nominees Pty Ltd see R.J Baker Holdings Pty Ltd
(21) 2024904076

(71) Koala Sleep Pty. Ltd.
(21) 2024904050 (22) 06.12.2024
(54) Lifting mechanism for a sofa bed and sofa bed

(71) KWB Global Limited
(21) 2024904060 (22) 09.12.2024
(54) Intermodal container tracking system and method

(71) LAZER SAFE PTY LTD
(21) 2024904051 (22) 06.12.2024
(54) OBSTRUCTION DETECTION SYSTEM AND METHOD FOR DETECTING AN OBSTRUCTION

(71) Lewis, P.
(21) 2024904058 (22) 09.12.2024
(54) Advanced Control Device

(71) Li, T.
(21) 2024904053 (22) 08.12.2024
(54) Invention Title: "System for Tracking, Validating, and Monetizing CO# Reduc-

tions Using Quantum-Resistant Security and Dynamic Rewards"

(71) Macquarie University
(21) 2024904069 (22) 09.12.2024
(54) An Oceanographic LiDAR System

(71) Manta Ray SA Pty. Ltd.
(21) 2024904018 (22) 04.12.2024
(54) Marine Vessel

(71) Monaghan, W.
(21) 2024904026 (22) 05.12.2024
(54) Automobile unintended acceleration prevention

(71) Morgan, S.
(21) 2024904014 (22) 04.12.2024
(54) Toilet Paper Wetting System

(71) Neely, R.
(21) 2024904028 (22) 05.12.2024
(54) SYSTEM, METHOD AND DATA COMMUNICATIONS NETWORK ENABLING SECURE TRANSACTIONS WITHIN A DATING PLATFORM

(71) Nelson, P.
(21) 2024904009 (22) 04.12.2024
(54) SYSTEM AND METHOD

(71) NEW ZEALAND FOREST RESEARCH INSTITUTE LIMITED
(21) 2024904070 (22) 09.12.2024
(54) METHOD FOR THE PRODUCTION OF A BIO-BASED MARINE FUEL COMPONENT AND A BLENDED MARINE FUEL

(71) Offsite Engineering Solutions Pty Ltd
(21) 2024904062 (22) 09.12.2024
(54) Modular Building

(71) Player, B.
(21) 2024904071 (22) 09.12.2024
(54) Polymer Composite Structures of manufacture and associated assembly, and disassembly at End Of Life, comprising a polymer matrix with reinforcing fibre.

(71) PMD Innovations Pty Ltd
(21) 2024904004 (22) 03.12.2024
(54) Weed Removal Tool

(71) PRESTON, J.C.
(21) 2024904094 (22) 10.12.2024
(54) RECONFIGURABLE ACCESS MODULE

Provisional Applications Filed - Name Index cont'd

(71) Psychae Therapeutics Pty Ltd
(21) 2024904088 (22) 10.12.2024
(54) Methods for extracting a compound from plant material

(71) Psychae Therapeutics Pty Ltd
(21) 2024904089 (22) 10.12.2024
(54) Methods for extracting a compound from plant material (2)

(71) qambari, A.
(21) 2024904032 (22) 05.12.2024
(54) Perpetual motion mashine with strength move and additional green energy

(71) R.J Baker Holdings Pty Ltd; K.R Baker Nominees Pty Ltd
(21) 2024904076 (22) 09.12.2024
(54) Magnetic separator

(71) Rheem Australia Pty Limited
(21) 2024904072 (22) 09.12.2024
(54) METHODS AND SYSTEMS FOR DETERMINING A TEMPERATURE DISTRIBUTION OF WATER STORED IN A WATER HEATER

(71) Roomtmove Pty Ltd
(21) 2024904043 (22) 06.12.2024
(54) A CEILING PANEL ASSEMBLY AND METHOD FOR INSTALLING IT

(71) Royal Melbourne Institute of Technology
(21) 2024904046 (22) 06.12.2024
(54) Titanium Alloys

(71) Sach, G.
(21) 2024904000 (22) 03.12.2024
(54) Surfboard protector

(71) Sachs, H.
(21) 2024904092 (22) 10.12.2024
(54) Post

(71) Safest Technology
(21) 2024904019 (22) 04.12.2024
(54) System and Method for Event Detection Using Motion Cessation Analysis

(71) Safest Technology
(21) 2024904020 (22) 04.12.2024
(54) System and Method for Real-Time Environmental Hazard Detection Using Baseline Image Analysis

(71) Sawczuk, J.
(21) 2024904029 (22) 05.12.2024
(54) Judo – QR/NFT – A Novel Method to electronically identify martial arts and

MMA sports players using QR Code and NFT Blockchain technology

SIMON ROBERT GILMOUR see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2024904083

(71) SITKA HOLDINGS PTY LTD
(21) 2024904041 (22) 06.12.2024
(54) Method and System for Assembly of Prefabricated Wall Panels

(71) Smith, J.
(21) 2024904057 (22) 09.12.2024
(54) Hands free tape/ other medium release mechanism

(71) Steripak Pty. Limited
(21) 2024904049 (22) 06.12.2024
(54) Polymers, methods of manufacture, and uses thereof

(71) The CarbonEvolution LLC
(21) 2024904030 (22) 05.12.2024
(54) PiMotor: A Rotating Cylinder Axial Thruster with Fibonacci Flow Control

(71) The Inspired Teacher Co IP Pty Ltd
(21) 2024904078 (22) 10.12.2024
(54) DATA COMMUNICATIONS NETWORK AND METHOD FOR IMPROVING A USER LEARNING EXPERIENCE

(71) THE TRUSTEE FOR THE KOZZIE TRUST
(21) 2024903973 (22) 30.11.2024
(54) Power generation system utilizing unmanned aerial vehicles

(71) The University of Melbourne
(21) 2024904035 (22) 06.12.2024
(54) Cancer Targeting Metal Complexes

(71) The University of Melbourne
(21) 2024904036 (22) 06.12.2024
(54) Cancer Targeting Bisphosphonate Complexes

(71) The University of Melbourne
(21) 2024904045 (22) 06.12.2024
(54) Compounds for the treatment of a complex cancer

(71) The University of Sydney
(21) 2024904016 (22) 04.12.2024
(54) Charge interaction assisted lipid-encapsulation of bacteriophages

(71) TNA Australia Pty Limited
(21) 2024904087 (22) 10.12.2024
(54) A feed bar assembly

TOBY MÜNDEL see FONTERRA CO-OPERATIVE GROUP LIMITED
(21) 2024904083

(71) Trough Smart Pty Ltd
(21) 2024904007 (22) 03.12.2024
(54) SELF-CLEANING WATER TROUGH

(71) Tsanidis, B.
(21) 2024904055 (22) 08.12.2024
(54) AI-driven software solution using cameras and sensors to monitor user posture and movement with real time feedback.

(71) Valorize Co. Pty Ltd
(21) 2024904080 (22) 10.12.2024
(54) Packaging material

(71) VAN BUEREN, E.
(21) 2024904034 (22) 06.12.2024
(54) Method for producing algae-based leather-like material

(71) Wallumurra Pty Ltd
(21) 2024904024 (22) 05.12.2024
(54) Layered Intrusion Detection System using Conductive Materials to Monitor Surface Integrity

(71) Walters, J.E.
(21) 2024904033 (22) 06.12.2024
(54) EXTRACT

(71) Webber, G.
(21) 2024904090 (22) 10.12.2024
(54) Wave Pool Control System

(71) WEIR MINERALS AUSTRALIA LTD
(21) 2024904017 (22) 04.12.2024
(54) A HYDROCYCLONE

(71) WEIR SLURRY GROUP, INC
(21) 2024904010 (22) 04.12.2024
(54) AXIAL- FLOW PUMP

(71) west, J.
(21) 2024904021 (22) 04.12.2024
(54) A self-latching mortise lock with key override for sliding doors

(71) Whalin, A.
(21) 2024904056 (22) 08.12.2024
(54) A NAVIGATIONAL PUSH ROD CAMERA ACCESSORY

Provisional Applications Filed - Name Index cont'd

(71) Wolchyn, D.
(21) 2024904054 (22) 08.12.2024
(54) Smart Cattle Ear Tag with Integrated
Monitoring and Tamper Detection

(71) XTRAC TECH PTY LTD
(21) 2024904073 (22) 09.12.2024
(54) TECHNOLOGY CONFIGURED TO EN-
ABLE IMPROVED MANAGEMENT OF
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(71) Zipform Packaging Pty Ltd
(21) 2024904040 (22) 06.12.2024
(54) A CONTAINER FOR CONTAINING
PERISHABLE GOODS

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2024903975	Aurion Nexus	2024904069	Macquarie University
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2024904002	Firestryker Australasia Pty Ltd	2024904071	Player, B.
2024904004	PMD Innovations Pty Ltd	2024904072	Rheem Australia Pty Limited
2024904007	Trough Smart Pty Ltd	2024904073	XTRAC TECH PTY LTD
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2024904009	Nelson, P.	2024904075	Breville Pty Limited
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2024904011	Cauldron Molecules Pty Ltd	2024904077	Caroma Industries Limited
2024904012	Holt, M.	2024904078	The Inspired Teacher Co IP Pty Ltd
2024904013	ARETE LABS & TECHNICAL SOLUTIONS PTY LTD	2024904079	Flinders University
2024904014	Morgan, S.	2024904080	Valorize Co. Pty Ltd
2024904015	Accurateli Pty Ltd.	2024904081	Jam Packed Enterprises Pty Ltd
2024904016	The University of Sydney	2024904082	Alterca Investments Pty Ltd (trading as IPI Australia)
2024904017	WEIR MINERALS AUSTRALIA LTD	2024904083	FONTERRA CO-OPERATIVE GROUP LIMITED; JASMINE SARAH THOMSON; SIMON ROBERT GILMOUR; TOBY MÜNDEL; JAMES WILLIAM DEK-KER; AARON CALVIN FANNING
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2024904021	west, J.	2024904087	TNA Australia Pty Limited
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2024904027	Grechko, T.; Grechko, A.		
2024904028	Neely, R.		
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2024904030	The CarbonEvolution LLC		
2024904031	INTERCEPT THERAPEUTICS PTY LTD		
2024904032	qambari, A.		
2024904033	Walters, J.E.		
2024904034	VAN BUEREN, E.		
2024904035	The University of Melbourne		
2024904036	The University of Melbourne		
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2024904040	Zipform Packaging Pty Ltd		
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2024904042	Derwent Industries Pty Ltd		
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2024904044	Jade Australia Pty Ltd		
2024904045	The University of Melbourne		
2024904046	Royal Melbourne Institute of Technology		
2024904047	Dyno Nobel Asia Pacific Pty Limited		
2024904048	Commonwealth Scientific and Industrial Research Organisation		
2024904049	Steripak Pty. Limited		
2024904050	Koala Sleep Pty. Ltd.		
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2024904052	FLYNN, GEOFFREY PETER		
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2024904055	Tsanidis, B.		
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2024904057	Smith, J.		
2024904058	Lewis, P.		
2024904059	iCAM Enterprise Assets Pty Ltd		
2024904060	KWB Global Limited		
2024904061	Advance ZincTek Limited		
2024904062	Offsite Engineering Solutions Pty Ltd		
2024904063	Bambax Limited		
2024904064	Hydric Desalination Pty Ltd		
2024904065	Eudaemon Technologies Pty Ltd		
2024904066	Alterca Investments Pty Ltd (trading as IPI Australia)		
2024904067	Alterca Investments Pty Ltd (trading as IPI Australia)		

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 3 Dec 2024 .

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

(71) Abbott Diabetes Care Inc.
 (21) 2024270631 (22) 03.12.2024
 (54) Lactate sensors and associated methods

(71) ANDON TECHNOLOGY PTY LTD
 (21) 2024274539 (22) 04.12.2024
 (54) SPORTS GAME WITH ASSOCIATED CHARACTERS

(71) Ascendis Pharma Bone Diseases A/S
 (21) 2024270632 (22) 03.12.2024
 (54) Incremental dose finding in controlled-release PTH compounds

(71) Accelerated Filtration, Inc.
 (21) 2024278262 (22) 10.12.2024
 (54) FILTER SCREEN

(71) Anduril Industries, Inc.
 (21) 2024278110 (22) 04.12.2024
 (54) AERIAL VEHICLES WITH DEPLOYABLE COMPONENTS

(71) Ascendis Pharma Bone Diseases A/S
 (21) 2024278156 (22) 05.12.2024
 (54) Starting dose of PTH conjugates

(71) Acorn Engineering Company
 (21) 2024278183 (22) 06.12.2024
 (54) Extraction valve and vacuum collection system

(71) Angel Group Co., Ltd.
 (21) 2024278137 (22) 04.12.2024
 (54) FRAUD DETECTION SYSTEM IN CASINO

(71) Asphalt Plus, LLC
 (21) 2024274540 (22) 04.12.2024
 (54) ENGINEERED CRUMB RUBBER COMPOSITION FOR USE IN ASPHALT BINDER AND PAVING MIX APPLICATIONS

(71) Adocia
 (21) 2024278135 (22) 04.12.2024
 (54) Compositions In The Form Of An Injectable Aqueous Solution Comprising Amylin, An Amylin Receptor Agonist Or An Amylin Analog And A Copolyamino Acid

(71) Angel Group Co., Ltd.
 (21) 2024278153 (22) 05.12.2024
 (54) Double chip tray, chip tray, and game management system

(71) ASPIRING MATERIALS LIMITED
 (21) 2024278207 (22) 08.12.2024
 (54) Magnesium Silicate Processing

(71) Allergan, Inc.
 (21) 2024278276 (22) 10.12.2024
 (54) Hyaluronic acid/collagen-based dermal filler compositions and methods for making same

(71) Angel Group Co., Ltd.
 (21) 2024278167 (22) 05.12.2024
 (54) Inspection system and management system

(71) Atossa Therapeutics, Inc.
 (21) 2024278243 (22) 10.12.2024
 (54) METHODS FOR MAKING AND USING ENDOXIFEN

(71) Alleva Animal Health Limited
 (21) 2024278185 (22) 06.12.2024
 (54) Dicyclanil Formulation

(71) Angel Group Co., Ltd.
 (21) 2024278204 (22) 08.12.2024
 (54) FRAUD DETECTION SYSTEM IN CASINO

(71) Autex Industries Limited
 (21) 2024278208 (22) 09.12.2024
 (54) FIXING OF PET PANELS TO ALLOW FOR RECYCLING

(71) Allogene Therapeutics, Inc.
 (21) 2024278090 (22) 04.12.2024
 (54) Inducible chimeric cytokine receptors

(71) Angel Group Co., Ltd.
 (21) 2024278205 (22) 08.12.2024
 (54) FRAUD DETECTION SYSTEM IN CASINO

(71) Autolus Limited
 (21) 2024278248 (22) 10.12.2024
 (54) Chimeric Antigen Receptor

Allogene Therapeutics, Inc. see Les Laboratoires Servier
 (21) 2024278176

(71) Angel Group Co., Ltd.
 (21) 2024278212 (22) 09.12.2024
 (54) Fraudulence monitoring system of table game and fraudulence monitoring program of table game

(71) B. Braun Melsungen AG
 (21) 2024278240 (22) 10.12.2024
 (54) Infusion pump system and associated operating procedure

(71) Amgen Inc.
 (21) 2024278151 (22) 05.12.2024
 (54) Total afucosylated glycoforms of antibodies produced in cell culture

(71) Apple Inc.
 (21) 2024270637 (22) 03.12.2024
 (54) Systems, methods, and user interfaces for interacting with multiple application windows

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 (21) 2024278175 (22) 06.12.2024
 (54) Image data encoding/decoding method and apparatus

(71) Amgen Inc.
 (21) 2024278180 (22) 06.12.2024
 (54) Combined Therapies For Atherosclerosis, Including Atherosclerotic Cardiovascular Disease

(71) Apple Inc.
 (21) 2024278098 (22) 04.12.2024
 (54) User interfaces for audio media control

(71) Batty, R.
 (21) 2024278186 (22) 06.12.2024
 (54) Modular vacuum press for producing contoured articles using wood laminae

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and method of compressing wood laminae to produce a contoured article

(71) Bayer Healthcare LLC
(21) 2024270628 (22) 03.12.2024
(54) Independent workflow aware user interfaces for power injector system operation

(71) Bayer New Zealand Limited
(21) 2024278169 (22) 06.12.2024
(54) Controlled Release Compositions and their Methods of Use

(71) Bend-tech Investments 1 Pty Ltd
(21) 2024278131 (22) 04.12.2024
(54) Stillage

BIZBOXES, LLC see HURRY, J.P.
(21) 2024270629

(71) Blaze Bioscience, Inc.
(21) 2024264675 (22) 15.11.2024
(54) Chlorotoxin conjugates and methods of use thereof

(71) Boston Scientific Scimed, Inc.
(21) 2024278095 (22) 04.12.2024
(54) Methods of treating or repairing tissue transluminally

(71) Broadridge Financial Solutions, Inc.
(21) 2024274537 (22) 04.12.2024
(54) COMPUTER NETWORK SYSTEMS ADMINISTERING CRYPTOGRAPHICALLY-SECURED, TOKEN-BASED SUBSTITUTION MANAGEMENT AND METHODS OF USER THEREOF

(71) Brother Kogyo Kabushiki Kaisha
(21) 2024278138 (22) 05.12.2024
(54) DRUM CARTRIDGE AND DEVELOPING CARTRIDGE

(71) brown, J.
(21) 2024278202 (22) 07.12.2024
(54) Australian Shepherd Assault Rifle Firing Mechanism

(71) BTL Healthcare Technologies a.s.
(21) 2024278152 (22) 05.12.2024
(54) Device and method for unattended treatment of a patient

(71) BYD COMPANY LIMITED
(21) 2024277683 (22) 04.12.2024
(54) MOTOR SYSTEM AND VEHICLE HAVING THE SAME

(71) Canon Kabushiki Kaisha
(21) 2024275219 (22) 04.12.2024
(54) Method, apparatus and system for encoding and decoding a tensor

(71) Caroma Industries Limited; micas AG
(21) 2024278260 (22) 10.12.2024
(54) Water flow management system

(71) CATERPILLAR INC.
(21) 2024278187 (22) 06.12.2024
(54) Radial and axial interface between conductor rod and work machine

(71) Cavion, Inc.
(21) 2024278171 (22) 06.12.2024
(54) Treating essential tremor using (R)-2-(4-Isopropylphenyl)-N-(1-(5-(2,2,2-Trifluoroethoxy)pyridin-2-yl)ethyl)acetamide

(71) CCC Information Services
(21) 2024278122 (22) 04.12.2024
(54) Driver assist design analysis system

(71) CHERTOFF GROUP, LLC
(21) 2024278235 (22) 10.12.2024
(54) TRANSPORTATION SECURITY

(71) Chr. Hansen HMO GmbH
(21) 2024278162 (22) 05.12.2024
(54) Spray-dried tetrasaccharides

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024278130 (22) 04.12.2024
(54) Methods

(71) COMPOSITE TECHNOLOGY R & D PTY LIMITED
(21) 2024278168 (22) 05.12.2024
(54) ADDITIVELY MANUFACTURED METAL CASINGS

(71) Conomos, P.
(21) 2024278279 (22) 10.12.2024
(54) BAG FILLING MACHINE

(71) DAI, A.
(21) 2024278126 (22) 04.12.2024
(54) METHOD FOR DIRECTLY PRODUCING LITHIUM CARBONATE AND REDUCING SULPHATE RADICAL CONTENT FROM LITHIUM SULFATE AND SODIUM (POTASSIUM) CARBONATE

(71) DEB IP LIMITED
(21) 2024278198 (22) 06.12.2024
(54) Dispenser system

(71) Deere & Company
(21) 2024278219 (22) 09.12.2024
(54) Extractor for a sugarcane harvester

(71) DEKA Products Limited Partnership
(21) 2024278181 (22) 06.12.2024
(54) Fluid pumping and bioreactor system

(71) Dendrite Imaging, Inc.
(21) 2024270639 (22) 03.12.2024
(54) Advanced nervous tissue imaging system

(71) Dexcom, Inc.
(21) 2024278143 (22) 05.12.2024
(54) System and method for providing alerts optimized for a user

(71) Dexcom, Inc.
(21) 2024278145 (22) 05.12.2024
(54) System and method for factory calibration or reduced calibration of an indwelling sensor based on sensitivity profile

(71) Dimitroff, T.R.
(21) 2024278119 (22) 04.12.2024
(54) Method for forming underground flowlines with electronic tracking

(71) Dolby International AB
(21) 2024278139 (22) 05.12.2024
(54) Pitch Filter for Audio Signals and Method for Filtering an Audio Signal with a Pitch Filter

(71) DRAEGER SAFETY AG & CO. KGAA
(21) 2024278102 (22) 04.12.2024
(54) ANALYZER AND ANALYSIS PROCESS WITH SELF-TEST FOR LEAKS

(71) Duemmer, M.
(21) 2024278231 (22) 09.12.2024
(54) Plantar Fasciitis Rehabilitation Station

(71) DUG Technology (Australia) Pty Ltd.
(21) 2024278114 (22) 04.12.2024
(54) SEISMIC WAVEFIELD MODELING HONORING AVO/AVA WITH APPLICATIONS TO FULL WAVEFORM INVERSION AND LEAST-SQUARES IMAGING

(71) Ecolab Inc.
(21) 2024278227 (22) 09.12.2024
(54) Foaming alcohol compositions with selected dimethicone surfactants

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(71) Encore Medical, L.P. (d/b/a/ DJO Surgical)
 (21) 2024278216 (22) 09.12.2024
 (54) Partial knee implants and methods for installing the same

(71) Entegra Trading Pty Ltd
 (21) 2024278196 (22) 06.12.2024
 (54) Rigid Large Scale Gutter System

(71) Eventide Inc.
 (21) 2024278174 (22) 06.12.2024
 (54) FILTERBANK PITCHSHIFTER

(71) FalCom A/S
 (21) 2024278093 (22) 04.12.2024
 (54) Earcup for audio communication and headset

(71) First Affiliated Hospital of Kunming Medical University
 (21) 2024278201 (22) 07.12.2024
 (54) DEVICE FOR REPLACING THE ORAL TRACHEAL INTUBATION WITH NASAL TRACHEAL INTUBATION

(71) FLSMIDTH A/S
 (21) 2024278242 (22) 10.12.2024
 (54) Exciter apparatus

(71) Framar International Inc.
 (21) 2024278268 (22) 10.12.2024
 (54) Bowl assembly for hair products

(71) GE Energy Power Conversion Technology Limited
 (21) 2024278154 (22) 05.12.2024
 (54) METHOD OF HEATING A FLUID AND TUBE ARRANGEMENT OF A FLUID HEATING FURNACE FOR SUCH A METHOD

(71) GE Video Compression, LLC
 (21) 2024278160 (22) 05.12.2024
 (54) Video data stream concept

(71) GLASS VICE HOLDINGS LIMITED
 (21) 2024278177 (22) 06.12.2024
 (54) PANEL MOUNT

(71) GOMES, G.
 (21) 2024278236 (22) 10.12.2024
 (54) BAG FOR WASTE COLLECTION

(71) GROTE INDUSTRIES LLC
 (21) 2024278200 (22) 06.12.2024
 (54) SANITARY AND PEST PREVENTION DEVICE FOR GARBAGE CAN LIDS

(71) Guangdong OPPO Mobile Telecommunications Corp., Ltd.
 (21) 2024278251 (22) 10.12.2024
 (54) Image signal encoding/decoding method and apparatus therefor

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (21) 2024278106 (22) 04.12.2024
 (54) Image encoding/decoding method and device using intra prediction

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (21) 2024278107 (22) 04.12.2024
 (54) Image encoding/decoding method and device using intra prediction

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (21) 2024278108 (22) 04.12.2024
 (54) Image encoding/decoding method and device using intra prediction

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (21) 2024278109 (22) 04.12.2024
 (54) Image encoding/decoding method and device using intra prediction

(71) GUS TECHNOLOGY CO., LTD.
 (21) 2024278099 (22) 04.12.2024
 (54) FIXING STRUCTURE FOR ELECTRODE TABS OF BATTERY CELLS IN A POUCH CELL BATTERY

(71) GUS TECHNOLOGY CO., LTD.
 (21) 2024278224 (22) 09.12.2024
 (54) OVERCURRENT CIRCUIT BREAKER FOR POUCH CELL BATTERY

(71) GUS TECHNOLOGY CO., LTD.
 (21) 2024278246 (22) 10.12.2024
 (54) PROTECTIVE STRUCTURE FOR POUCH CELL BATTERY

(71) Habitat Innovation and Management Pty Ltd
 (21) 2024278121 (22) 04.12.2024
 (54) Improved Nesting and Denning Enclosures

(71) Halliburton Manufacturing and Services Limited
 (21) 2024278161 (22) 05.12.2024
 (54) Downhole apparatus with a valve arrangement

(71) Hanna, J.N.
 (21) 2024278247 (22) 10.12.2024

(54) Magnetized cable for improved cable management

(71) Hanno Werk GmbH & Co. KG
 (21) 2024278147 (22) 05.12.2024
 (54) Joint-sealing strip

(71) Heineken Supply Chain B.V.
 (21) 2024278267 (22) 10.12.2024
 (54) Low-alcohol beer with reduced wort flavor

(71) Hemanext Inc.
 (21) 2024278209 (22) 09.12.2024
 (54) METHODS FOR MANAGING ADVERSE EVENTS IN PATIENT POPULATIONS REQUIRING TRANSFUSION

(71) Houghton Technical Corp.
 (21) 2024278124 (22) 04.12.2024
 (54) Method and compositions for cleaning aluminum cans

(71) Housey Pharmaceutical Research Laboratories, L.L.C.
 (21) 2024278172 (22) 06.12.2024
 (54) PLANT EXTRACTS WITH ANTI-DIABETIC AND OTHER USEFUL ACTIVITIES

(71) Howmedica Osteonics Corp.
 (21) 2024278232 (22) 09.12.2024
 (54) Guides and instruments for improving accuracy of glenoid implant placement

(71) Huawei Technologies Co., Ltd.
 (21) 2024278220 (22) 09.12.2024
 (54) SPATIALLY VARYING TRANSFORM WITH ADAPTIVE TRANSFORM TYPE

(71) Huawei Technologies Co., Ltd.
 (21) 2024278221 (22) 09.12.2024
 (54) OLS FOR MULTIVIEW SCALABILITY

(71) Humans, Inc (Db a Flip Fit)
 (21) 2024278127 (22) 04.12.2024
 (54) Mobile application camera activation and de-activation based on physical object location

(71) Humanscale Corporation
 (21) 2024278159 (22) 05.12.2024
 (54) Adjustable support arm

(71) HURRY, J.P.; BIZBOXES, LLC
 (21) 2024270629 (22) 03.12.2024
 (54) System and method for unmanned or unmanned delivery of restricted products

Complete Applications Filed - Name Index cont'd

(71) HYDROFLOW DISTRIBUTORS LTD
 (21) 2024278275 (22) 10.12.2024
 (54) PLUMBING SYSTEM AND METHODS OF INSTALLATION THEREFOR

(71) Illinois Tool Works Inc.
 (21) 2024278103 (22) 04.12.2024
 (54) Tool with charge advance mechanism

(71) Illinois Tool Works Inc.
 (21) 2024278133 (22) 04.12.2024
 (54) Edge protection system having bridging pins

(71) Illinois Tool Works Inc.
 (21) 2024278249 (22) 10.12.2024
 (54) Fastener-driving tool with multiple combustion chambers and usable with fuel canisters of varying lengths

(71) Illinois Tool Works Inc.
 (21) 2024278255 (22) 10.12.2024
 (54) Powered fastener driving tool

(71) Implantica Patent Ltd
 (21) 2024278164 (22) 05.12.2024
 (54) Operable Implant Comprising an Electrical Motor and a Gear System

(71) Inari Medical, Inc.
 (21) 2024272093 (22) 04.12.2024
 (54) SYSTEM FOR TREATING EMBOLISM AND ASSOCIATED DEVICES AND METHODS

(71) Incyte Corporation
 (21) 2024278146 (22) 05.12.2024
 (54) SOLID FORMS OF AN FGFR INHIBITOR AND PROCESSES FOR PREPARING THE SAME

(71) INNO MYLE PTY LTD
 (21) 2024278233 (22) 09.12.2024
 (54) Unbreakable Security: Safeguarding Customer Sensitive Data without Storing Protect sensitive customer data and privacy with a revolutionary approach—ensuring it is never stored in clear form within applications, databases, or devices. Only encrypted, uncrackable data resides on the client side, enabling secure day to day operations while keeping hackers at bay. Also, Derisk the organisations from hacking as they have to breach 2 organisations (client and ours) to make any meaning out of the encrypted data

(71) Inscripta, Inc.
 (21) 2024278142 (22) 05.12.2024

(54) Nucleic acid-guided nucleases

(71) Intellia Therapeutics, Inc.
 (21) 2024278094 (22) 04.12.2024
 (54) Stabilized nucleic acids encoding messenger ribonucleic acid (mRNA)

(71) IntelliSense.io Limited
 (21) 2024278234 (22) 09.12.2024
 (54) A METHOD FOR DYNAMICALLY CONSTRUCTING AND UPDATING A MODEL OF 3D TOPOGRAPHY OF A STOCK-PILE OF GRANULAR MATERIAL

(71) Intervet International B.V.
 (21) 2024278148 (22) 05.12.2024
 (54) Parasite control in ruminants

(71) Intuit Inc.
 (21) 2024278123 (22) 04.12.2024
 (54) System and method for use of alternating least squares to identify common profiles of tax filers and tailor the tax preparation process based on the profile for the individual tax filer

(71) Ion Beam Applications
 (21) 2024278214 (22) 09.12.2024
 (54) Hybrid 2D-detector

JFE GALVANIZING & COATING CO., LTD.
see JFE STEEL CORPORATION
 (21) 2024274538

(71) JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.
 (21) 2024274538 (22) 04.12.2024
 (54) HOT-DIP Al-Zn-Si-Mg COATED STEEL SHEET, SURFACE-TREATED STEEL SHEET, AND PRE-PAINTED STEEL SHEET

(71) Komatsu Ltd.
 (21) 2024278163 (22) 05.12.2024
 (54) Display control system and display control method

(71) Kone Corporation
 (21) 2024278091 (22) 04.12.2024
 (54) CONTROLLING AN ENERGY SAVING MODE OF AN ELEVATOR

(71) Kubota Corporation
 (21) 2024278113 (22) 04.12.2024
 (54) Work vehicle specification change system, work vehicle specification change method, and work vehicle specification change program

KUPCHENKO, B. see REZNICHENKO, A.
 (21) 2024278179

(71) Les Laboratoires Servier; Allogene Therapeutics, Inc.
 (21) 2024278176 (22) 06.12.2024
 (54) Methods and compositions for dosing of allogeneic chimeric antigen receptor T cells

(71) LG Electronics Inc.
 (21) 2024278105 (22) 04.12.2024
 (54) Vacuum cleaner station, vacuum cleaner system, and method for controlling vacuum cleaner station

(71) LG Electronics Inc.
 (21) 2024278217 (22) 09.12.2024
 (54) Image decoding method for deriving weight index information for bi-prediction, and device for same

(71) Lifeguard-AI Inc.
 (21) 2024278218 (22) 09.12.2024
 (54) WATER BODY MONITORING DEVICE

(71) LINEAGE LOGISTICS, LLC
 (21) 2024270638 (22) 03.12.2024
 (54) POINT CLOUD FILTERING

(71) LIU, X.J.
 (21) 2024278229 (22) 09.12.2024
 (54) A TABLE TENNIS BAT AND A HANDLE FOR TABLE TENNIS BAT

(71) Massive Gaming Pty. Ltd.
 (21) 2024270630 (22) 03.12.2024
 (54) Method of operating game

(71) Matterport, Inc.
 (21) 2024278096 (22) 04.12.2024
 (54) System and method of capturing and generating panoramic three-dimensional images

(71) Matterport, Inc.
 (21) 2024278097 (22) 04.12.2024
 (54) System and method of capturing and generating panoramic three-dimensional images

(71) McCarthy, M.
 (21) 2024278211 (22) 09.12.2024
 (54) Apparatus and Method for Collection and Disposal of Fats, Oil and Grease

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 (21) 2024278223

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(71) MDA Systems Ltd.
(21) 2024278238 (22) 10.12.2024
(54) Systems and methods for maritime surveillance imaging and ship detection

(71) MetiMedi Pharmaceuticals Co., Ltd.
(21) 2024278252 (22) 10.12.2024
(54) Methods of treating chronic inflammatory diseases

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(21) 2024278260

(71) ModernaTX, Inc.
(21) 2024278117 (22) 04.12.2024
(54) DELIVERY AND FORMULATION OF ENGINEERED NUCLEIC ACIDS

(71) Modine LLC
(21) 2024278125 (22) 04.12.2024
(54) Liquid Immersion Cooling Platform

(71) MPEG LA, LLC
(21) 2024278244 (22) 10.12.2024
(54) DEFINED MULTI-CONJUGATE OLIGONUCLEOTIDES

(71) MPI, LLC
(21) 2024278157 (22) 05.12.2024
(54) Packaging Apparatus and System

(71) Muddie's Holdings Pty Ltd
(21) 2024278116 (22) 04.12.2024
(54) Crushing ring and method of manufacture

(71) NantBio, Inc.
(21) 2024278158 (22) 05.12.2024
(54) Modified EC7 cells having low toxicity to viral production payloads

(71) Novadip Biosciences
(21) 2024278089 (22) 04.12.2024
(54) Biomaterial comprising adipose-derived stem cells and gelatin and method for producing the same

(71) Novartis AG
(21) 2024278118 (22) 04.12.2024
(54) Methods of treating non-radiographic axial spondyloarthritis using interleukin-17 (IL-17) Antagonists

(71) NOVARTIS AG
(21) 2024278210 (22) 09.12.2024
(54) Pyrazolopyridine derivatives and uses thereof

(71) Nuctech Company Limited; Tsinghua University
(21) 2024278149 (22) 05.12.2024
(54) DATA PROCESSING METHOD FOR STATIC COMPUTED TOMOGRAPHY SCANNING AND DEVICE

(71) Oculus Optikgeraete GmbH
(21) 2024278100 (22) 04.12.2024
(54) OBSERVATION DEVICE AND METHOD FOR OBSERVING AN EYE

(71) Oculus Optikgeraete GmbH
(21) 2024278101 (22) 04.12.2024
(54) OBSERVATION DEVICE AND METHOD FOR OBSERVING AN EYE

(71) Olympus Winter & Ibe GmbH
(21) 2024278170 (22) 06.12.2024
(54) CABINET FOR STORING SURGICAL INSTRUMENTS AND METHOD FOR OPERATING A CABINET FOR STORING SURGICAL INSTRUMENTS

(71) OPTIVOLT LABS, INC.
(21) 2024278136 (22) 04.12.2024
(54) SYSTEM AND METHOD FOR REGULATING POWER OUTPUT OF MULTIPLE SOLAR SUBSTRINGS

(71) Paragon 28, Inc.
(21) 2024278115 (22) 04.12.2024
(54) BONE PLATE HOLE CAPS, BONE PLATE SYSTEMS, AND METHODS USING SAME

(71) PepsiCo, Inc.
(21) 2024278190 (22) 06.12.2024
(54) Analyzing second party digital marketing data

(71) PHOENIX EMS PTY LTD
(21) 2024278215 (22) 09.12.2024
(54) Switch & Lock Assembly

(71) Podirsky, P.
(21) 2024278278 (22) 10.12.2024
(54) A PILLOW ADJUSTMENT MECHANISM

(71) Power Hero Corp.
(21) 2024278144 (22) 05.12.2024
(54) An automated system for managing and providing a network of charging stations

Praeventix, LLC see Temple University-Of The Commonwealth System of Higher Education

(21) 2024278241

(71) Pro-Seed Australia Pty Ltd
(21) 2024278128 (22) 04.12.2024
(54) A SEED TREATER

(71) Pro-Seed Australia Pty Ltd
(21) 2024278129 (22) 04.12.2024
(54) A SEPARATOR

Provectus Pharmatech, Inc. see UTI Limited Partnership
(21) 2024278194

(71) Quantumcyte, Inc.
(21) 2024278120 (22) 04.12.2024
(54) Methods, compositions, and devices for isolation and expression analysis of regions of interest from a tissue

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024278257 (22) 10.12.2024
(54) Methods of treating inflammatory conditions

(71) REZNICHENKO, A.; KUPCHENKO, B.
(21) 2024278179 (22) 06.12.2024
(54) A SURFACE-MOUNTABLE JUNCTION BOX

(71) Sagemcom Energy & Telecom SAS
(21) 2024278193 (22) 06.12.2024
(54) Adaptive compression of collection frames

(71) Sage Therapeutics, Inc.
(21) 2024278111 (22) 04.12.2024
(54) Oxysterols and methods of use thereof

(71) Sato Holdings Kabushiki Kaisha
(21) 2024278165 (22) 05.12.2024
(54) Information processing system, information processing method, and program

(71) SEB S.A.
(21) 2024278256 (22) 10.12.2024
(54) Electric food preparation appliance

(71) SEB S.A.
(21) 2024278258 (22) 10.12.2024
(54) Food preparation appliance

(71) SEB S.A.
(21) 2024278259 (22) 10.12.2024
(54) Electric food preparation appliance

(71) Seminis Vegetable Seeds, Inc.
(21) 2024278261 (22) 10.12.2024

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(54) Tomato hybrid SVTM9041 and parents thereof

(71) Shakouri, H.
(21) 2024278228 (22) 09.12.2024

(54) Production of High-Performance Base Oils from Iso-recycle (Hydrocracking Byproducts) and a New Formula for Rust-Protective Oil Using These Base Oils

(71) Sino Iron Holdings Pty Ltd
(21) 2024278195 (22) 06.12.2024

(54) A method and system for minimising damage in a mill

(71) Societe Industrielle de Construction d'Appareils et de Materiel Electriques
(21) 2024278189 (22) 06.12.2024
(54) Connector with insulation perforation

(71) Spatial Imaging Pty Ltd
(21) 2024278192 (22) 06.12.2024
(54) Fluid pumping system

(71) Stamm Vegh Corporation
(21) 2024278155 (22) 05.12.2024
(54) Platform, systems, and devices for 3D printing

(71) Stryker Corporation
(21) 2024278239 (22) 10.12.2024
(54) Systems and methods of utilizing removable defibrillator cartridges

(71) Stryker Corporation
(21) 2024278245 (22) 10.12.2024
(54) Systems and methods for conveying complex medical device operation instructions

(71) Sungrow Power Supply Co., Ltd.
(21) 2024278206 (22) 08.12.2024
(54) Method and device for controlling inverter, inverter and photovoltaic system

(71) Sunresin New Materials Co. Ltd.
(21) 2024270643 (22) 03.12.2024
(54) Chromatography Media For Removal Of Polyphenol Substances And Preparation Method Thereof

(71) Synthorx, Inc.
(21) 2024278112 (22) 04.12.2024
(54) Cytokine conjugates for the treatment of proliferative and infectious diseases

(71) Synthorx, Inc.
(21) 2024278132 (22) 04.12.2024

(54) Cytokine conjugates for the treatment of autoimmune diseases

(71) Tata Consultancy Services Limited
(21) 2024270633 (22) 03.12.2024

(54) DYNAMIC ALGO CONTAINER FRAMEWORK

(71) Tata Consultancy Services Limited
(21) 2024278213 (22) 09.12.2024
(54) METHOD AND SYSTEM FOR DYNAMIC PROMOTIONAL OFFER RECOMMENDATION

(71) Techtronic Cordless GP
(21) 2024278184 (22) 06.12.2024

(54) Workpiece contact element for a powered fastener driver

(71) Temple University-Of The Commonwealth System of Higher Education; Praeventix, LLC
(21) 2024278241 (22) 10.12.2024

(54) NOVEL FUNCTIONALIZED LACTAMS AS MODULATORS OF THE 5-HYDROXYTRYPTAMINE RECEPTOR 7 AND THEIR METHOD OF USE

(71) Tetrous, Inc.
(21) 2024278230 (22) 09.12.2024

(54) Demineralized bone fiber implant compositions and methods for augmenting fixation in bone repair

(71) The Boeing Company
(21) 2024278222 (22) 09.12.2024

(54) Method of mitigating wrinkles during the manufacture of super-plastically formed parts

(71) The Cawthron Institute Trust Board
(21) 2024278203 (22) 08.12.2024

(54) IMPROVED METHOD OF PRODUCING OYSTERS

(71) The General Hospital Corporation
(21) 2024278134 (22) 04.12.2024

(54) ACTIVE QUADRATURE DEMODULATION FOR SUBSAMPLED/CIRCULAR RANGING OPTICAL COHERENCE TOMOGRAPHY

(71) Thomas, A.
(21) 2024278263 (22) 10.12.2024

(54) AI-Driven Multi-Modal Interaction System for Websites and SaaS Platforms

(71) Transportation IP Holdings, LLC
(21) 2024278150 (22) 05.12.2024

(54) VEHICLE CONTROL SYSTEM

Tsinghua University see Nuctech Company Limited
(21) 2024278149

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(21) 2024278223

(71) University of Utah Research Foundation

(21) 2024278182 (22) 06.12.2024
(54) Treatment of myopic progression

(71) UTI Limited Partnership; Provectus Pharmatech, Inc.

(21) 2024278194 (22) 06.12.2024
(54) Composition and method for treating hematologic cancers

(71) Vector Vitale IP LLC
(21) 2024278226 (22) 09.12.2024

(54) Method of preventing the development of melanoma

(71) Volvo Autonomous Solutions AB
(21) 2024278141 (22) 05.12.2024

(54) Off-road routing

(71) Voyager Therapeutics, Inc.
(21) 2024278250 (22) 10.12.2024

(54) Compositions and methods of treating Huntington's Disease

(71) WA BUILDING & PEST INSPECTIONS PTY LTD; Tyson, S.; McCarthy, R.

(21) 2024278223 (22) 09.12.2024
(54) A Jump Cup, A Jump Cup Assembly and A Jump

(71) WANG, B.; YANG, Y.
(21) 2024278265 (22) 10.12.2024

(54) A method for preparing high-antibacterial kombucha beverage using blended black tea, mixed sugars, and microaerobic technology

(71) WANG, B.; YANG, Y.
(21) 2024278266 (22) 10.12.2024

(54) The method for preparing high-antibacterial and high-antioxidant kombucha liquid using highland blended black tea

(71) Watson, A.
(21) 2024278274 (22) 10.12.2024

(54) Back Lotion Applicator

(71) Weaver, A.
(21) 2024278173 (22) 06.12.2024

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(54) LEVEL CLIP

(71) White Swell Medical Ltd

(21) 2024278092 (22) 04.12.2024

(54) Systems and methods for treatment of fluid overload

(71) Wilcox Industries Corp.

(21) 2024270640 (22) 03.12.2024

(54) Pivoting Headset Positioning Assembly And Headset Interface With Rotatable Connector

(71) Wonderland Switzerland AG

(21) 2024278188 (22) 06.12.2024

(54) Carrycot cover and carrycot including the carrycot cover

(71) YANG, C.

(21) 2024278237 (22) 10.12.2024

(54) Construction method of composite wall and fixing device

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(21) 2024278265

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(21) 2024278266

(71) YETI Coolers, LLC

(21) 2024278191 (22) 06.12.2024

(54) Closure and lid and method of forming closure and lid

(71) ZHEJIANG HENGFENG TOP LEISURE CO., LTD.

(21) 2024278140 (22) 05.12.2024

(54) FOLDING TENT SKELETON AND FOLDING TENT

(71) Zonit Structured Solutions, LLC

(21) 2024278166 (22) 05.12.2024

(54) Management module, Z-strip, and mini-ATS systems and related components

(71) Zydex Pty Ltd

(21) 2024278178 (22) 06.12.2024

(54) AN APPARATUS FOR MAKING A STEREO-LITHOGRAPHIC OBJECT, A METHOD FOR MAKING A STEREO-LITHOGRAPHIC OBJECT, A MATERIAL, AND A STEREO-LITHOGRAPHIC OBJECT

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

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

- N Applications not Open to Public Inspection

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Assignments before Grant, Section 113

2019

2019275485 Parklink Developments The application has been assigned to **JMA ALEJANDRO ALTUNA, S.L.U**

2019314762 Membrane Systems Australia Pty Ltd The application has been assigned to **Enviropacific Services Limited**

2019318105 Pure Technologies Ltd. The application has been assigned to **Pure Technologies U.S. Inc.**

2019375880 Inspired Material Solutions, LLC The application has been assigned to **Inspired Material Strategies, LLC**

2019375958 Inspired Material Solutions, LLC The application has been assigned to **Inspired Material Strategies, LLC**

2019377079 Inspired Material Solutions, LLC The application has been assigned to **Inspired Material Strategies, LLC**

2019383576 4Moving Biotech; Sorbonne Université The application has been assigned to **Assistance Publique Des Hopitaux De Paris; Institut National de la Sante et de la Recherche Medicale (INSERM); 4Moving Biotech; Sorbonne Université**

2020

2020204779 Evaxion Biotech A/S The application has been assigned to **Statens Serum Institut; Evaxion Biotech A/S**

2020325576 Bayer Aktiengesellschaft The application has been assigned to **Bayer CropScience Schweiz AG**

2020340954 Vyair Medical, Inc. The application has been assigned to **ZOLL MEDICAL CORPORATION**

2020360397 OD Therapeutics Limited The application has been assigned to **AJ Sciences (Yixing) Co., LTD**

2021

2021221747 Membrane Systems Australia Pty Ltd The application has been assigned to **Enviropacific Services Limited**

Assignments before Grant, Section 113

2021231864 OD Therapeutics Limited The application has been assigned to **AJ Sciences (Yixing) Co., LTD**

2021290400 Agate Integrated Engineering Sdn Bhd The application has been assigned to **PETROLIAM NASIONAL BERHAD (PETRONAS); Agate Integrated Engineering Sdn Bhd**

2021380910 HELSINN HEALTHCARE SA The application has been assigned to **Taiho Pharmaceutical Co., Ltd.**

2022

2022216767 BAYER AKTIENGESELLSCHAFT The application has been assigned to **Bayer CropScience Schweiz AG**

2022231682 PAX Co., Ltd.; OTSUKA PHARMACEUTICAL FACTORY, INC.; Neuroceuticals Inc. The application has been assigned to **PAX Co., Ltd.; OTSUKA PHARMACEUTICAL FACTORY, INC.; Otsuka Clinical Solutions, Inc.**

2022249281 OD THERAPEUTICS LIMITED The application has been assigned to **AJ Sciences (Yixing) Co., LTD**

2022396418 THE REGENTS OF THE UNIVERSITY OF CALIFORNIA The application has been assigned to **The J. David Gladstone Institutes; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA**

2022458327 LOCKHEED MARTIN ENERGY, LLC; BUFANO, Michael; LORETZ, Jeremy S.; HAMEL, Jonathan; DUFFEY, Kean L.; MORRIS-COHEN, Adam The application has been assigned to **LOCKHEED MARTIN ENERGY, LLC**

2023

2023201672 PZB CONSULTING LIMITED The application has been assigned to **Wairere Research Limited**

2023202326 HANGZHOU NORMAL UNIVERSITY QIANJIANG COLLEGE The application has been assigned to **HANGZHOU NORMAL UNIVERSITY**

2023251535 KUKURUZA, Andrii; REZNICHENKO, Anton; UZHCHENKO, Artem; KUPCHENKO, Bohdan; HODUNOK, Oleksii; PAVELIEV, Serhii; DIMITROV, Yurii The application has been assigned to **AJAX SYSTEMS CYPRUS HOLDINGS LTD**

2023255595 MAGNA IMPERIO SYSTEMS CORP. The application has been assigned to **TEXOPCO LLC**

2023286018 RABIN WORLDWIDE, INC. The application has been assigned to **Avery Dennison Retail Information Services LLC**

2024

2024203988 Swell Energy Inc. The application has been assigned to **SDG Gridco LLC**

2024264574 Ellex Medical Pty Ltd The application has been assigned to **Alpharet Pty Ltd**

2024900008 Tonkin, Andrew The application has been assigned to **SAFE TC PTY LTD**

Assignments before Grant, Section 113

2024900104 ResMed Pty Ltd; ResMed Asia Pte. Ltd. The application has been assigned to **ResMed Pty Ltd**

2024900147 EVERLAST NETWORKS PTY LTD The application has been assigned to **ETCETRA LABS PTY LTD**

2024900329 ResMed Pty Ltd; ResMed Asia Pte. Ltd. The application has been assigned to **ResMed Pty Ltd**

2024900401 VIDIA ASTRA PTY LTD The application has been assigned to **SPIRAL BLUE PTY LTD**

2024901204 OURANOS SYSTEMS PTY LTD The application has been assigned to **Ouranos Supercritical Technologies Limited**

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.

2008

2008202835 **CommandeX Pty Ltd** An application to extend the time from 26 Jun 2022 to 26 Oct 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2011

2011363948 **MAK Engineering Projects Pty Limited** An application to extend the time from 25 Mar 2024 to 25 Oct 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2017

2017200246 **Morris Industries Ltd.** An application to extend the time from 13 Jan 2024 to 13 Sep 2024 in which to pay a renewal fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020272162 **Beetle Genius, SPRL** An application to extend the time from 10 Apr 2024 to 28 Oct 2024 in which to pay the continuation fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2023

2023100045 **BTL Healthcare Technologies a.s.** An application to extend the time from 03 May 2024 to 03 Dec 2024 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2023202180 **Ojai Energetics PBC** An application to extend the time from 28 Mar 2024 to 28 Oct 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

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2009

2009204648 **The Biocube Corporation Ltd** The time in which to pay a renewal fee has been extended to 16 Aug 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014207317 **Innara Health, Inc.** The time in which to pay a renewal fee has been extended to 21 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015200000 **Morris Industries Ltd.** The time in which to pay a renewal fee has been extended to 02 Aug 2024 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2019

2019100058 **Cyplex Pty Limited** The time in which to pay a renewal fee has been extended to 18 Sep 2024 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2019379323 **Barn2Door, Inc.** The time in which to pay a continuation fee has been extended to 15 Jun 2024 . Address for service - K&L Gates 525 Collins Street Melbourne VIC 3000 AU

2022

2022211876 **Vayeron Pty Ltd** The time in which to pay a continuation fee has been extended to 21 Sep 2024 . Address for service - RADIANT GLOBAL PTY LTD 186 Cook Avenue Hillarys WA 6025 AU

2023

2023252062 **DRY TAIL IP PTY LTD** The time in which to enter the National Phase has been extended to 14 Dec 2024 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 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.

2015

2015367411 Heat shield structure for a wheel **Mubea Carbo Tech GmbH** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2024 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2018

2018335362 Estimating pre-PCR fragment numbers from post-PCR frequencies of unique molecular identifiers **Lexogen GmbH** The nature of the amendment is as shown in the statement(s) filed 27

Amendments

Nov 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018367660 Compositions and methods for treating intervertebral discs **Next Science IP Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 09 Dec 2024 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2018369639 D-domain containing polypeptides and uses thereof of **Arcellx, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Nov 2024 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019

2019341723 Purified capsular polysaccharides of Streptococcus pneumoniae **Biological E Limited** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2019391029 Gas sensor module **Mallinckrodt Hospital Products IP Unlimited Company** The nature of the amendment is as shown in the statement(s) filed 04 Dec 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020251869 Enhanced hour-glass transducer **Raytheon Company** The nature of the amendment is as shown in the statement(s) filed 06 Dec 2024 . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2020277300 Ophthalmic cutting instruments having integrated aspiration pump **Carl Zeiss Meditec Cataract Technology Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Nov 2024 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2020459328 Endothelium corneum gigeriae galli specific polypeptide and application thereof in identification of endothelium corneum gigeriae galli **Guangdong Yifang Pharmaceutical Co.,LTD** The nature of the amendment is as shown in the statement(s) filed 27 Nov 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021

2021394866 ORAL CARE COMPOSITIONS WITH A NATURAL SWEETENER SYSTEM **COLGATE-PALMOLIVE COMPANY** The nature of the amendment is as shown in the statement(s) filed 02 Dec 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021421112 METHODS OF OPERATIONAL FLEXIBILITY IN PARTIAL OXIDATION **PRAXAIR TECHNOLOGY, INC.** The nature of the amendment is as shown in the statement(s) filed 01 Dec 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022

2022200733 Compact Utility Loader **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement(s)

Amendments

filed 04 Oct 2024 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2022200740 Compact Utility Loader **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Oct 2024 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2022200743 Compact Utility Loader **Great Plains Manufacturing, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Oct 2024 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2022204074 Medication delivery system and method **Sadleir Laboratories Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Nov 2024 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2022218597 TARGETED MUTAGENESIS OF TOBACCO BERBERINE BRIDGE ENZYME-LIKE NUCLEIC ACIDS **North Carolina State University** The nature of the amendment is as shown in the statement(s) filed 05 Dec 2024 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2022253636 PROCESS FOR THE PREPARATION OF A SUGAR PRODUCT AND A FERMENTATION PRODUCT **VERSALIS S.P.A.** The nature of the amendment is as shown in the statement(s) filed 13 Nov 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

Amendments Made**2016**

2016284331 **United States Gypsum Company** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2024

2018

2018312486 **Seminis Vegetable Seeds, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Sep 2024

2018346724 **Sanofi Pasteur** The nature of the amendment is: Amend the invention title to read Compositions for booster vaccination against dengue

2019

2019265630 **Children's Medical Center Corporation** The nature of the amendment is as shown in the statement(s) filed 10 Sep 2024

2019296521 **Aussie Wine Group Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 18 Jul 2024

2019324575 **SANDVIK MINING AND CONSTRUCTION TOOLS AB; SANDVIK MINING AND CONSTRUCTION AUSTRALIA (PRODUCTION/SUPPLY) PTY LTD** The nature of the amendment is as shown in the statement(s) filed 20 Aug 2024

2019383576 **Assistance Publique Des Hopitaux De Paris; Institut National de la Sante et de la Recherche Medicale (INSERM); 4Mving Biotech; Sorbonne Université** The nature of the amendment is:

Amendments

Amend the name of the inventor to read BERENBAUM, Francis; RAT-TENBACH, Revital; MARTIN, Céline and MEUROT, Coralie

2019396381 **Hilti Aktiengesellschaft** The nature of the amendment is: Amend the invention title to read Method for operating a dispensing system and dispensing system

2020

2020484150 **RIINO INC.** The nature of the amendment is: Amend the invention title to read Track structure with center rail

2021

2021202459 **Vitafo (International) Ltd; UCL Business PLC** The nature of the amendment is as shown in the statement(s) filed 28 Aug 2024

2021229505 **The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 03 Sep 2024

2021271004 **University of Massachusetts** The nature of the amendment is: Amend the name of the inventor to read SONTHEIMER, Erik Joseph; KHVOROVA, Anastasia; WATTS, Jonathan Kenneth; AM-RANI, Nadia; CHEN, Zexiang; HASSLER, Matthew; MORENO, Dimas Echeverria; ALTERMAN, Julia Frances; WOLFE, Scot; YAMADA, Ken; DEVI, Gitali; ZHANG, Han and MIR, Amir

2021383343 **BLISS BIOPHARMACEUTICAL (HANGZHOU) CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 21 Nov 2024

2021478130 **SHAHEEN INNOVATIONS HOLDING LIMITED** The nature of the amendment is: Amend the name of the inventor to read ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed; MACHOVEC, Jeff and LAMOUREUX, Clement

2021479275 **SHAHEEN INNOVATIONS HOLDING LIMITED** The nature of the amendment is: Amend the name of the inventor to read ALSHAIBA SALEH GHANNAM ALMAZROUEI, Mohammed; MACHOVEC, Jeff and LAMOUREUX, Clement

2022

2022320853 **CENTRE HOSPITALIER UNIVERSITAIRE DE MONTPELLIER; UNIVERSITÉ DE MONTPELLIER; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE** The nature of the amendment is: Amend the name of the inventor to read RIVALS, Eric; HIRTZ, Christophe; DAVID, Alexandre; RELIER, Sébastien and BAUCHET, Luc

2022367098 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read NETWORK CAPACITY OPTIMIZATION METHOD, APPARATUS, AND SYSTEM

2022407504 **NAGRAVISION SÀRL** The nature of the amendment is: Amend the name of the inventor to read GRADASSI, Luca; CONUS, Joël; PRISI, Marcel; SIDOT, Antoine and BAHROUN, Aymen

2022432980 **SCIENCE CO.,LTD.** The nature of the amendment is as shown in the statement(s) filed 16 Aug 2024

Amendments

2022470338 **FARMLAND IRRIGATION RESEARCH INSTITUTE, CAAS** The nature of the amendment is: Amend the invention title to read AUTOMATIC FILTERING SEWAGE CLEANING DEVICE AND FILTERING SEWAGE CLEANING METHOD THEREOF

2022472678 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read PRODUCTION METHOD FOR DIRECT REDUCED IRON

2023

2023202418 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2023201021

2023202418 **Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2023200086

2023204006 **Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900576 04 Mar 2023 AU

2023204006 **Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: Add associated provisional application details 2023900667 12 Mar 2023 AU

2023251091 **MIROBIO LIMITED; OXFORD UNIVERSITY INNOVATION LIMITED; GILEAD SCIENCES, INC.** The nature of the amendment is as shown in the statement filed 05 Dec 2024

2023265832 **7 HILLS PHARMA INC.** The nature of the amendment is: Amend the priority details to read 3/348,852 03 Jun 2022 US and 63/337,960 03 May 2022 US

2023267699 **NIU, G.; TAN, H.** The nature of the amendment is: Amend the invention title to read SIRNA SPECIFICALLY BINDING TO M2 MACROPHAGE CD206 AND THE APPLICATION THEREOF

2023272701 **TOSHO INC.** The nature of the amendment is: Amend the invention title to read TABLET DIVIDING APPARATUS, TABLET PACKING MACHINE, AND TABLET DIVIDING METHOD

2023277829 **RATHI, R.A.** The nature of the amendment is: Amend the invention title to read ORTHOPEDIC IMPLANT FOR MULTI-FRAGMENTARY FRACTURE OF RADIAL HEAD OF RADIUS BONE AND A METHOD OF IMPLANTING THE ORTHOPEDIC IMPLANT

2023278646 **MITSUBISHI HEAVY INDUSTRIES, LTD.** The nature of the amendment is: Amend the invention title to read ELECTROLYTIC CELL AND ELECTROLYSIS DEVICE

2023281600 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read FILTERING METHOD, FILTERING MODEL TRAINING METHOD, AND RELATED APPARATUS

2023288807 **PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.** The nature of the amendment is: Amend the inven-

Amendments

tion title to read HOT WATER SUPPLY SYSTEM AND SUPPLY METHOD

2023300913 **ASTELLAS PHARMA INC.** The nature of the amendment is: Amend the invention title to read METHOD FOR PRODUCING NONHUMAN PRIMATE ANIMAL MODEL OF CEREBRAL INFARCTION AND PHARMACEUTICAL COMPOSITION FOR TREATMENT OF CEREBRAL INFARCTION

2023303986 **AGC INC.** The nature of the amendment is: Amend the invention title to read FLUORINATED COPOLYMER, COMPOSITION, POWDER COATING MATERIAL, COATED ARTICLE, AND METHOD FOR PRODUCING FLUORINATED COPOLYMER

2024

2024200474 **Cripps Clark, J.; Cripps Clark, J.** The nature of the amendment is: To claim divisional status from 2021261831

2024203805 **MADARIAGA ELGUETA, G.** The nature of the amendment is: Amend the invention title to read GUILLOTINE VALVE FOR ATMOSPHERIC SYSTEMS

2024205840 **James L. Orrington, II D.D.S., P.C.** The nature of the amendment is: To remove reference to divisional parent details 2022441592

2024212956 **HANNA, J.N.** The nature of the amendment is: Amend the invention title to read Magnetized cable for improved cable management

2024259750 **BioNTech SE; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH** The nature of the amendment is: Amend the name of the inventor to read EBERLE, Florian; SAHIN, Ugur; KUHN, Andreas; VALLAZZA, Britta and DIKEN, Mustafa

2024259760 **Universite de Geneve** The nature of the amendment is: Amend the invention title to read Tri-segmented arenaviruses as vaccine vectors

2024266857 **Eco Benchtops Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2024100049

2024266961 **Precision Planting LLC** The nature of the amendment is: Amend the name of the inventor to read SWANSON, Todd; KOCH, Dale M.; SPLECHTER, Hayden and SCHAEFER, Timothy A.

2024266971 **Precision Planting LLC** The nature of the amendment is: Amend the name of the inventor to read SWANSON, Todd; KOCH, Dale M.; SPLECHTER, Hayden and SCHAEFER, Timothy A.

2024266980 **Precision Planting LLC** The nature of the amendment is: Amend the name of the inventor to read SWANSON, Todd; KOCH, Dale and HARMAN, Reid

2024266982 **Precision Planting LLC** The nature of the amendment is: Amend the name of the inventor to read SWANSON, Todd; KOCH, Dale M. and HARMAN, Reid

2024266984 **Precision Planting LLC** The nature of the amendment is: Amend the name of the inventor to read SWANSON, Todd;

Amendments

KOCH, Dale; LEVY, Kent; O'NEALL, Matthew; HARMAN, Reid; VACCARI, Adam and SCHAEFER, Timothy

2024266989 **Precision Planting LLC** The nature of the amendment is: Amend the name of the inventor to read SWANSON, Todd; KOCH, Dale; LEVY, Kent; O'NEALL, Matthew; HARMAN, Reid; VACCARI, Adam and SCHAEFER, Timothy

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

2005

2005253152 Sling Media, Inc. The name of the patentee has been altered to **Sling Media L.L.C.**

2006

2006240518 Sling Media, Inc. The name of the patentee has been altered to **Sling Media L.L.C.**

2007

2007200255 Sling Media, Inc. The name of the patentee has been altered to **Sling Media L.L.C.**

2010

2010236445 Sling Media, Inc. The name of the patentee has been altered to **Sling Media L.L.C.**

2010236888 Sling Media, Inc. The name of the patentee has been altered to **Sling Media L.L.C.**

2010282800 Sling Media, Inc.; Dish Network Technologies India Private Limited The name of the patentee has been altered to **Dish Network Technologies India Private Limited; Sling Media L.L.C.**

2011

2011271358 Sling Media, Inc. The name of the patentee has been altered to **Sling Media L.L.C.**

2011274810 Sling Media, Inc. The name of the patentee has been altered to **Sling Media L.L.C.**

2015

2015247649 Propella Therapeutics, Inc. The name of the patentee has been altered to **Astellas US LLC**

2018

2018304545 University of the Sciences The name of the applicant has been altered to **Saint Joseph's University**

2019

2019229663 Ultrahuman Eight Limited The name of the applicant has been altered to **Ottimo Pharma Limited**

2019285877 Mitsui Chemicals Agro, Inc. The name of the patentee has been altered to **Mitsui Chemicals Crop & Life Solutions, Inc.**

Amendments**2020**

2020232706 Propella Therapeutics, Inc. The name of the applicant has been altered to **Astellas US LLC**

2021

2021338271 Propella Therapeutics, Inc. The name of the applicant has been altered to **Astellas US LLC**

2022

2022235283 KENALL MANUFACTURING COMPANY The name of the applicant has been altered to **Legrand Lighting Manufacturing Co.**

2022251741 NAGASE & CO., LTD.; NAGASE CHEMTEX CORPORATION; HAYASHIBARA CO., LTD. The name of the applicant has been altered to **NAGASE & CO., LTD.; NAGASE CHEMTEX CORPORATION; NAGASE VIITA CO., LTD.**

2022267266 CSL BEHRING L.L.C.; SEATTLE CHILDREN'S HOSPITAL (dba SEATTLE CHILDREN'S RESEARCH INSTITUTE); THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES The name of the applicant has been altered to **CSL BEHRING L.L.C.; Seattle Children's Hospital d/b/a Seattle Children's Research Institute; THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES**

2023

2023229152 PROPELLA THERAPEUTICS, INC. The name of the applicant has been altered to **Astellas US LLC**

2023229501 MOCKV Solutions LLC The name of the applicant has been altered to **Cygnus Technologies, LLC**

2024

2024259750 BioNTech SE; TRON-Translational Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gGm The name of the applicant has been altered to **BioNTech SE; TRON-Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH**

2024904041 SITKA HOLDINGS PTY LTD The name of the applicant has been altered to **Building IP Holdings Pty Ltd.**

Applications Open to Public Inspection

Name Index

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

(71) 1934612 Ontario Inc.
 (11) AU-A-2024267115
 (21) 2024267115 (22) 03.12.2024
 (54) APPARATUS, SYSTEMS, AND METHODS FOR PURIFYING A FLUID WITH A SILICON CARBIDE MEMBRANE
 (51) Int. Cl.
B01D 71/02 (2006.01)
B01D 67/00 (2006.01)
 (43) 19.12.2024
 (62) 2022228133
 (72) Powell, Anthony L.; Butters, Brian E.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) 2MT Mining Products Pty Ltd
 (11) AU-A-2024203091
 (21) 2024203091 (22) 09.05.2024
 (54) PROTECTION SYSTEMS
 (51) Int. Cl.
E02F 9/28 (2006.01)
 (31) 2023901674 (32) 29.05.23 (33) AU
 (43) 19.12.2024
 (72) Swinscoe, Michael
 (74) Ahearn Fox

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2024266957
 (21) 2024266957 (22) 28.11.2024
 (54) Focused sterilization and sterilized sub-assemblies for analyte monitoring systems
 (51) Int. Cl.
A61B 5/145 (2006.01)
 (43) 19.12.2024
 (62) 2024205652
 (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.
 (74) FPA Patent Attorneys Pty Ltd

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2024270631
 (21) 2024270631 (22) 03.12.2024
 (54) Lactate sensors and associated methods
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)
A61B 5/1486 (2006.01)

(43) 19.12.2024
 (62) 2022204486
 (72) CHEN, Kuan-Chou; OUYANG, Tianmei; OJA, Stephen; FELDMAN, Benjamin J.; CHO, Hyun; TRAN, Lam; ESHOO, Mark
 (74) FPA Patent Attorneys Pty Ltd

(71) Abiomed Europe GmbH
 (11) AU-A-2024267097
 (21) 2024267097 (22) 02.12.2024
 (54) Blood pump
 (51) Int. Cl.
A61M 60/122 (2021.01)
A61M 1/00 (2006.01)
A61M 60/216 (2021.01)
 (43) 19.12.2024
 (62) 2018335112
 (72) SIESS, Thorsten; KERKHOFFS, Wolfgang; SKRODSKY, Peter; WANG, Jimpo; GRAUWINKEL, Marius
 (74) Spruson & Ferguson

(71) Absalom, B.; Green, J.
 (11) AU-A-2024202490
 (21) 2024202490 (22) 16.04.2024
 (54) A STRUCTURAL BRACE AND METHOD OF USE THEREOF
 (51) Int. Cl.
E04B 2/72 (2006.01)
E04B 1/38 (2006.01)
 (31) 2023901734 (32) 01.06.23 (33) AU
 (43) 19.12.2024
 (72) Absalom, Ben; Green, Jared Matthew
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) ACUSENSUS IP PTY LTD
 (11) AU-A-2024267099
 (21) 2024267099 (22) 02.12.2024
 (54) A safety warning system
 (51) Int. Cl.
G08B 21/02 (2006.01)
G08B 6/00 (2006.01)
G08G 1/01 (2006.01)
G08G 1/16 (2006.01)
 (43) 19.12.2024
 (62) 2019258600
 (72) FELLOWS, David
 (74) Davies Collison Cave Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2024203657
 (21) 2024203657 (22) 31.05.2024
 (54) GENERATIVE IMAGE FILLING USING A REFERENCE IMAGE
 (51) Int. Cl.
G06T 5/60 (2024.01)
G06N 3/0475 (2023.01)
 (31) 63/505,902 (32) 02.06.23 (33) US

(43) 19.12.2024
 (72) Zhou, Yuqian; Singh, Krishna Kumar; Lin, Zhe; Liu, Qing; Zhang, Zhifei; Amirghodsi, Sohrab; Shechtman, Elya; Lu, Jingwan
 (74) RnB IP Pty Ltd

(71) Agripower Australia Limited
 (11) AU-A-2024266965
 (21) 2024266965 (22) 28.11.2024
 (54) Method for extracting soluble Si from an amorphous SiO₂ bearing material
 (51) Int. Cl.
C05D 9/02 (2006.01)
C01B 33/32 (2006.01)
C09K 17/12 (2006.01)
 (43) 19.12.2024
 (62) 2019273121
 (72) CROOKS, Regan; HAWKER, William; O'BRIEN, Darcy
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Allis Technology Pty Ltd
 (11) AU-A-2024267066
 (21) 2024267066 (22) 29.11.2024
 (54) A monitoring system responsive to multi-functional validation
 (51) Int. Cl.
G06Q 10/06 (2023.01)
G16H 40/20 (2018.01)
G16H 40/60 (2018.01)
G16H 40/63 (2018.01)
 (43) 19.12.2024
 (62) 2019203035
 (72) McGhee, Marianne; Palakawong, Natalie; Munigoti Shankar Rao, Kartheek
 (74) FB Rice Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.
 (11) AU-A-2024227044
 (21) 2024227044 (22) 02.10.2024
 (54) Compositions and methods for inhibition of hao1 (hydroxyacid oxidase 1 (glycolate oxidase)) gene expression
 (51) Int. Cl.
A61K 31/713 (2006.01)
 (43) 19.12.2024
 (62) 2021269372
 (72) QUERBES, William; FITZGERALD, Kevin; BETTENCOURT, Brian; LIEBOW, Abigail; ERBE, David V.
 (74) Griffith Hack

(71) Amgen Inc.
 (11) AU-A-2024267090
 (21) 2024267090 (22) 02.12.2024
 (54) Methods For Harvesting Mammalian Cell Cultures
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

C12P 21/00 (2006.01)
C12M 1/00 (2006.01)
C12N 5/00 (2006.01)
(43) 19.12.2024
(62) 2022224699
(72) GOUDAR, Chetan; THARMALINGAM, Tharmala; LULL, Jonathan; COLE, Sean; SABO, Nicole; LIN, Henry
(74) WRAYS PTY LTD

(71) Amicus Therapeutics, Inc.
(11) AU-A-2024266945
(21) 2024266945 **(22)** 27.11.2024
(54) METHODS OF ENHANCING AND/OR STABILIZING CARDIAC FUNCTION IN PATIENTS WITH FABRY DISEASE
(51) Int. Cl.
A61K 31/445 (2006.01)
A61P 9/04 (2006.01)
A61P 43/00 (2006.01)
(43) 19.12.2024
(62) 2018326364
(72) CASTELLI, Jeff; BARTH, Jay; SKUBAN, Nina
(74) Dark IP

(71) ANDON TECHNOLOGY PTY LTD
(11) AU-A-2024274539
(21) 2024274539 **(22)** 04.12.2024
(54) SPORTS GAME WITH ASSOCIATED CHARACTERS
(51) Int. Cl.
A63F 13/55 (2014.01)
A63F 7/00 (2006.01)
A63F 9/02 (2006.01)
A63F 13/58 (2014.01)
(43) 19.12.2024
(62) 2024203515
(72) ANDON, Joe
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Angel Group Co., Ltd.
(11) AU-A-2024203743
(21) 2024203743 **(22)** 04.06.2024
(54) GAME SYSTEM
(51) Int. Cl.
A63F 13/52 (2014.01)
A63F 1/00 (2006.01)
A63F 13/25 (2014.01)
A63F 13/40 (2014.01)
A63F 13/45 (2014.01)
A63F 13/50 (2014.01)
A63F 13/55 (2014.01)
G06T 7/00 (2017.01)
(31) 2023-092779 **(32)** 05.06.23 **(33)** JP
(43) 19.12.2024
(72) Shigeta, Yasushi; Mihara, Takatori
(74) RnB IP Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2024266958
(21) 2024266958 **(22)** 28.11.2024
(54) CHIP RECOGNIZING AND LEARNING SYSTEM
(51) Int. Cl.
G07F 17/32 (2006.01)

A63F 11/00 (2006.01)
(43) 19.12.2024
(62) 2022279365
(72) SHIGETA, Yasushi
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2024267049
(21) 2024267049 **(22)** 29.11.2024
(54) Game management system
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 1/00 (2006.01)
(43) 19.12.2024
(62) 2022283759
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) ANOKION SA; ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
(11) AU-A-2024266808
(21) 2024266808 **(22)** 22.11.2024
(54) Glycotargeting therapeutics
(51) Int. Cl.
A61K 39/00 (2006.01)
(43) 19.12.2024
(62) 2021201504
(72) HUBBEL, Jeffrey A.; KONTOS, Stephane; LORENTZ, Kristen Marie; WILSON, David Scott; GAI, Shuning
(74) Griffith Hack

(71) Apple Inc.
(11) AU-A-2024203762
(21) 2024203762 **(22)** 04.06.2024
(54) Devices, methods, and graphical user interfaces for displaying content of physical locations
(51) Int. Cl.
G06F 3/04815 (2022.01)
(31) 63/506134 **(32)** 04.06.23 **(33)** US
 63/655510 03.06.24 US
(43) 19.12.2024
(72) LAURITA, Martynas; ARROYO, Vincent P.; MANJUNATH, Niranjan; LEMAY, Stephen O.; ANTON, Peter D.; STAUBER, Matan; SUNDSTROM, Matthew J.; O'LEARY, Fiona P.; SINITSYN, Konstantin; LUIS, Giovanni S.; FLOOD, Devin; EUGENE, Kevin N.; FAHLBERG, Per J.; APUY, Ryan W.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024203763
(21) 2024203763 **(22)** 04.06.2024
(54) User interfaces for displaying, transmitting, and receiving communications during a communication session
(51) Int. Cl.
G06F 3/0482 (2013.01)
G06F 3/0488 (2022.01)
(31) 63/506130 **(32)** 04.06.23 **(33)** US
 63/655516 03.06.24 US

(43) 19.12.2024
(72) LYNNE, Brandon A.; DEITEL, Joshua D.; GIULIANI, Vincenzo O.; COFFMAN, Patrick L.; BARSCEVICIUS, Cesar D.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024266919
(21) 2024266919 **(22)** 27.11.2024
(54) Implementation of biometric authentication
(51) Int. Cl.
G06F 21/32 (2013.01)
(43) 19.12.2024
(62) 2022203027
(72) Os, Marcel Van; Abbasian, Reza; Anton, Peter D.; Behzadi, Arian; Bernstein, Jeffrey Traer; Dascola, Jonathan R.; Vries, Nathan De; Devine, Lynne; Dryer, Allison; Dye, Alan C.; Foss, Christopher Patrick; Griffin, Bradley W.; Ive, Jonathan P.; Lemmens, Cas; Malia, Joseph A.; Mari, Pedro; Mohseni, Daamun; Mouilleseaux, Jean-Pierre M.; Moussette, Camille; Paul, Grant; Preston, Daniel Trent; Pugh, Chelsea E.; Sharma, Praveen; Tyler, William M.; Verweij, Hugo; Yerkes, Giancarlo; Ying, Charles H.; Lindmeier, William D.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024266923
(21) 2024266923 **(22)** 27.11.2024
(54) User interfaces for viewing live video feeds and recorded video
(51) Int. Cl.
H04N 7/18 (2006.01)
G08B 13/196 (2006.01)
(43) 19.12.2024
(62) 2023251497
(72) CARRIGAN, Taylor G.; COFFMAN, Patrick L.; FOSS, Christopher Patrick; MOHSENI, Daamun; PAGE, Pani
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024270637
(21) 2024270637 **(22)** 03.12.2024
(54) Systems, methods, and user interfaces for interacting with multiple application windows
(51) Int. Cl.
G06F 3/0488 (2022.01)
G06F 3/0481 (2022.01)
(43) 19.12.2024
(62) 2023202745
(72) WALKIN, Brandon M.; KEDIA, Shubham; KARUNAMUNI, Chanaka G.; DELLINGER, Richard R.; LEMAY, Stephen O.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024278098
(21) 2024278098 **(22)** 04.12.2024
(54) User interfaces for audio media control

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.
G06F 3/16 (2006.01)
G06F 3/0488 (2022.01)
H04M 1/725 (2021.01)
(43) 19.12.2024
(62) 2023266353
(72) GRAHAM, David Chance; CARRIGAN, Taylor G.; COFFMAN, Patrick L.; DYE, Alan C.; FOSS, Christopher P.; PETERSON, Corey J.; CHIAO, Sue Wen; SEILAUDOM, Patchaya B; PECK, Jessica J.; SANDERS, Christopher J; CORMICAN, Neil P.
(74) FPA Patent Attorneys Pty Ltd

(71) Aquatic Informatics ULC
(11) AU-A-2024201756
(21) 2024201756 **(22)** 18.03.2024
(54) Real-time sample and device tracking
(51) Int. Cl.
G06F 16/387 (2019.01)
G01N 1/10 (2006.01)
G01N 33/18 (2006.01)
G06Q 10/06 (2023.01)
(31) 18/204,498 **(32)** 01.06.23 **(33)** US
(43) 19.12.2024
(72) YAP, John; BURD, Jacob; HUNTLY, Patrick; WOOD, Steve; DORNER, Scott
(74) Spruson & Ferguson

(71) Arbutus Biopharma Corporation
(11) AU-A-2024267031
(21) 2024267031 **(22)** 29.11.2024
(54) SCREENING METHOD FOR SELECTED AMINO LIPID-CONTAINING COMPOSITIONS
(51) Int. Cl.
A61K 9/127 (2006.01)
G01N 33/50 (2006.01)
(43) 19.12.2024
(62) 2024200270
(72) MUI, Barbara; DE FOUGEROLLES, Antonin; BORODOVSKY, Anna; AKINC, Akin; TRACY, Mark; CULLIS, Pieter Rutter; MADDEN, Thomas D.; NOVBRANTSEVA, Tatiana; HOME, Michael J.; CIUFOLINI, Marco
(74) Griffith Hack

(71) Architectural Window Systems Pty Ltd
(11) AU-A-2024266930
(21) 2024266930 **(22)** 27.11.2024
(54) A curtain wall
(51) Int. Cl.
E04B 2/96 (2006.01)
E06B 3/58 (2006.01)
(43) 19.12.2024
(62) 2023200277
(72) MCCLEARY, Mark
(74) Spruson & Ferguson

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024266988
(21) 2024266988 **(22)** 28.11.2024
(54) A MULTI-GAME GAMING MACHINE
(51) Int. Cl.

A63F 13/20 (2014.01)
G07F 17/34 (2006.01)
(43) 19.12.2024
(62) 2022271484
(72) OSMOND, Joel; GAMI, Renish; MILLETO, Claire; MAYO, Marc; HOWELLS, Julie; RUHLE, Shaun; MORSE, Jessica; BRYANT, Natalie
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024267036
(21) 2024267036 **(22)** 29.11.2024
(54) ENHANCED VISUALIZATION OF GAME WAGER OUTCOMES PROVIDED BY SYMBOL COLLECTORS IN A GAME DISPLAY
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 19.12.2024
(62) 2019200808
(72) MARSH, David; ROELOFS, Karl
(74) Griffith Hack

(71) Arranta Bio Holdings, LLC
(11) AU-A-2024267034
(21) 2024267034 **(22)** 29.11.2024
(54) Compositions for preserving anaerobic microorganisms and methods of making and using the same
(51) Int. Cl.
A61K 35/742 (2015.01)
A01N 1/02 (2006.01)
A61K 35/744 (2015.01)
A61P 1/00 (2006.01)
C12N 1/04 (2006.01)
(43) 19.12.2024
(62) 2022267366
(72) COWLEY, Aaron Blake
(74) FB Rice Pty Ltd

(71) ASC Regenity Ltd
(11) AU-A-2024267003
(21) 2024267003 **(22)** 28.11.2024
(54) Cosmetic formulation for topical administration comprising novel peptides that improve appearance and regeneration of skin
(51) Int. Cl.
A61K 8/64 (2006.01)
A61Q 19/08 (2006.01)
(43) 19.12.2024
(62) 2021211840
(72) BADER, Augustinus
(74) Davies Collison Cave Pty Ltd

(71) Asphalt Plus, LLC
(11) AU-A-2024274540
(21) 2024274540 **(22)** 04.12.2024
(54) ENGINEERED CRUMB RUBBER COMPOSITION FOR USE IN ASPHALT BINDER AND PAVING MIX APPLICATIONS
(51) Int. Cl.
C09D 195/00 (2006.01)
E01C 7/18 (2006.01)

(43) 19.12.2024
(62) 2019225175
(72) STEPP, James; CLARK, Redmond
(74) Halfords IP

(71) AstraZeneca AB
(11) AU-A-2024266949
(21) 2024266949 **(22)** 28.11.2024
(54) METHODS AND COMBINATIONS FOR THE TREATMENT OF CANCER USING IMMUNE CHECKPOINT INHIBITOR ANTIBODIES
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
(43) 19.12.2024
(62) 2021269832
(72) Kurland, John; Negro, Alejandra; Chang, Shao-chun
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Avalyn Pharma Inc.
(11) AU-A-2024267029
(21) 2024267029 **(22)** 29.11.2024
(54) AEROSOL PIRFENIDONE AND PYRIDONE ANALOG COMPOUNDS
(51) Int. Cl.
A61K 9/72 (2006.01)
A61K 31/44 (2006.01)
(43) 19.12.2024
(62) 2022271417
(72) Surber, Mark William
(74) AJ PARK

(71) Avidbots; Avidbots Corporation
(11) AU-A-2024203641
(21) 2024203641 **(22)** 30.05.2024
(54) SYSTEM AND METHOD OF A SEMI-AUTONOMOUS CLEANING APPARATUS WITH ADJUSTABLE CLEANING PARAMETERS
(51) Int. Cl.
G05B 19/042 (2006.01)
A47L 11/00 (2006.01)
A47L 11/02 (2006.01)
A47L 11/14 (2006.01)
(31) 63/505042 **(32)** 30.05.23 **(33)** US
(43) 19.12.2024
(72) BABOOLAL, Ravi; MCLENNAN, Duncan Chapman; MOLINA, Pablo; HOLMES, Nathaniel; LUNZMANN, Natassia
(74) Avidbots

Avidbots Corporation see Avidbots
(21) 2024203641

(71) AXS Group LLC
(11) AU-A-2024267114
(21) 2024267114 **(22)** 03.12.2024
(54) SYSTEMS AND METHODS FOR PROVIDING TEMPORARY ACCESS CREDENTIALS TO ACCESS PHYSICAL LOCATIONS
(51) Int. Cl.

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H04W 4/02 (2018.01)
(43) 19.12.2024
(62) 2023201979
(72) Rojas, Michael J.
(74) James & Wells Intellectual Property

(71) Azra SHS Tech Inc.
(11) AU-A-2024267022
(21) 2024267022 **(22)** 29.11.2024
(54) Durable superhydrophobic coating
(51) Int. Cl.
B05D 3/00 (2006.01)
B05D 3/06 (2006.01)
B05D 5/02 (2006.01)
C08K 3/22 (2006.01)
C08L 83/00 (2006.01)
D06M 11/38 (2006.01)
D21H 21/16 (2006.01)
(43) 19.12.2024
(62) 2018409655
(72) DODIUK-KENIG, Hanna; DOTAN, Ana; COHEN, Niv; KENIG, Shmuel
(74) FPA Patent Attorneys Pty Ltd

(71) BAEK, I.S.
(11) AU-A-2023214385
(21) 2023214385 **(22)** 11.08.2023
(54) WATER-REPELLENT TARPAULIN FABRIC AND WATER-REPELLENT TARPAULIN USING IT
(51) Int. Cl.
D06M 13/10 (2006.01)
D06B 3/04 (2006.01)
D06M 13/165 (2006.01)
D06M 13/224 (2006.01)
D06M 13/325 (2006.01)
D06M 13/402 (2006.01)
(31) 10-2023-0072115 **(32)** 05.06.23 **(33)** KR
(43) 19.12.2024
(72) BAEK, In Sub
(74) Cooper IP Pty Ltd

(71) Baker Hughes Oilfield Operations LLC
(11) AU-A-2024267060
(21) 2024267060 **(22)** 29.11.2024
(54) Mill to whipstock connection system
(51) Int. Cl.
E21B 7/06 (2006.01)
E21B 29/00 (2006.01)
E21B 29/06 (2006.01)
(43) 19.12.2024
(62) 2021244352
(72) NGUYEN, Tuan; GREGUREK, Philip M.; HARRINGTON, Kevin Edgar; HERN, Gregory; MICHALEC, Christopher; GRINDHAUG, Gaute; EIDEM, Morten
(74) FPA Patent Attorneys Pty Ltd

(71) BAMBINO PREZIOSO SWITZERLAND AG
(11) AU-A-2024267100
(21) 2024267100 **(22)** 02.12.2024
(54) CHILD CAR SEAT AND SEAT BACK ASSEMBLY THEREOF
(51) Int. Cl.
B60N 2/28 (2006.01)

B60N 2/02 (2006.01)
B60N 2/80 (2018.01)
B60N 2/809 (2018.01)
B60N 2/885 (2018.01)
(43) 19.12.2024
(62) 2021354912
(72) CHEN, Hongbo
(74) Allens Patent & Trade Mark Attorneys

(71) Baxter Healthcare SA; Baxter International Inc.
(11) AU-A-2024267010
(21) 2024267010 **(22)** 28.11.2024
(54) SYRINGE PUMP WITH SYRINGE POSITION GUIDING FEATURES AND OCCLUSION DETECTION
(51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 5/172 (2006.01)
G16H 20/17 (2018.01)
(43) 19.12.2024
(62) 2019271196
(72) PIPPIN, Steven S.; DELISLE, Erica Mae; BHANDAR, Bhagyesh Kishore; HEXAMER, Aaron M.; SLABY, Jiri; BOJAN, Peter M.
(74) K&L Gates

Baxter International Inc. see Baxter Healthcare SA
(21) 2024267010

(71) Bayer Healthcare LLC
(11) AU-A-2024270628
(21) 2024270628 **(22)** 03.12.2024
(54) Independent workflow aware user interfaces for power injector system operation
(51) Int. Cl.
G16H 40/63 (2018.01)
A61M 31/00 (2006.01)
G16H 40/67 (2018.01)
(43) 19.12.2024
(62) 2019253679
(72) VOLKAR, John; KEMPER, Corey; MUKHERJEE, Someshwar; PARKER, Samantha; BENSON, Carl; YOO, James Hoon; MULCAHY, Leona; BROOKS, Michael; SOKOLOV, Richard; CULLEN, Benjamin James; VON MOGER, Alison Ruth
(74) Davies Collision Cave Pty Ltd

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(11) AU-A-2023285930
(21) 2023285930 **(22)** 22.12.2023
(54) Quantum random number generation method, apparatus and system, computing device and storage medium
(51) Int. Cl.
G06F 7/58 (2006.01)
G06N 10/20 (2022.01)
H01L 29/68 (2006.01)
(31) 202310636834.0 **(32)** 31.05.23 **(33)** CN

(43) 19.12.2024
(72) WANG, Jingbo; CHEN, Yuao; LIU, Shusen
(74) FB Rice Pty Ltd

(71) BicycleTx Limited
(11) AU-A-2024264558
(21) 2024264558 **(22)** 12.11.2024
(54) Bicyclic peptide ligands specific for Nectin-4
(51) Int. Cl.
C07K 7/08 (2006.01)
A61K 38/00 (2006.01)
A61K 38/04 (2006.01)
(43) 19.12.2024
(62) 2019289199
(72) BESWICK, Paul; CHEN, Lihong; MUDD, Gemma Elizabeth; PARK, Peter; VAN RIETSCHOTEN, Katerine; RIGBY, Michael
(74) Allens Patent & Trade Mark Attorneys

(71) Biological Dynamics, Inc.
(11) AU-A-2024266995
(21) 2024266995 **(22)** 28.11.2024
(54) Dielectric materials
(51) Int. Cl.
B03C 5/00 (2006.01)
B03C 5/02 (2006.01)
(43) 19.12.2024
(62) 2019248621
(72) HINESTROSA SALAZAR, Juan Pablo; KRISHNAN, Rajaram; CONRADSON, Scott; HARRIS, Tyler Lee; TURNER, Robert Paul; THOMAS, George Maroor
(74) FB Rice Pty Ltd

BIZBOXES, LLC see HURRY, J.P.
(21) 2024270629

(71) Blaze Bioscience, Inc.
(11) AU-A-2024264675
(21) 2024264675 **(22)** 15.11.2024
(54) Chlorotoxin conjugates and methods of use thereof
(51) Int. Cl.
C07K 14/435 (2006.01)
A61K 38/02 (2006.01)
A61K 38/07 (2006.01)
C12N 9/96 (2006.01)
(43) 19.12.2024
(62) 2023202389
(72) JOCHHEIM, Claudia; MILLER, Dennis M.; NAIRN, Natalie; STROUD, Mark; BYRNES-BLAKE, Kelly; HANSEN, Stacey J.; NOVAK, Julia E.; WISS, Valorie R.
(74) Griffith Hack

(71) BLIND WEIGHT LLC
(11) AU-A-2024203647
(21) 2024203647 **(22)** 30.05.2024
(54) METHOD OF DETERMINING A USER'S BLIND WEIGHT WITH A SPECIALIZED SCALE
(51) Int. Cl.

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G01G 23/37 (2006.01)
(31) 63/469,714 **(32)** 30.05.23 **(33)** US
(43) 19.12.2024
(72) Aschidamini, Vinicius
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) BLUVEIN INNOVATION PTY. LTD.
(11) AU-A-2024267062
(21) 2024267062 **(22)** 29.11.2024
(54) SYSTEM FOR ELECTRICALLY FEEDING AT LEAST ONE ELECTRICALLY POWERED VEHICLE
(51) Int. Cl.
B60L 5/16 (2006.01)
B60L 5/40 (2006.01)
B60L 5/19 (2006.01)
(43) 19.12.2024
(62) 2020476229
(72) ASPLUND, Gunnar
(74) Griffith Hack

(71) Boehringer Ingelheim Vetmedica GmbH
(11) AU-A-2024264726
(21) 2024264726 **(22)** 18.11.2024
(54) Vaccine against porcine parvovirus and porcine reproductive and respiratory syndrome virus and methods of production thereof
(51) Int. Cl.
A61K 39/00 (2006.01)
(43) 19.12.2024
(62) 2017353380
(72) KLOCKE, Sonja; EDWARDS, Curtis Robert; HADDADIN, Fuad Tawfiq; HAIWICK, Gregory Brian; KAISER, Troy James; KROLL, Jeremy; MALBURG, Sonia Regina Cantisano; NOGUERA SERRAT, Marta; SCHAEFFER, Merrill Lynn; STARKS, Andrea J. Headrick; STEWART, Michael Landon; VAUGHN, Eric Martin; ZHAO, Guosong
(74) FB Rice Pty Ltd

(71) Bold Limited
(11) AU-A-2024203669
(21) 2024203669 **(22)** 31.05.2024
(54) PARALLEL INTERACTION INTERFACE FOR MACHINE LEARNING MODELS
(51) Int. Cl.
G06N 20/00 (2019.01)
G06F 3/048 (2013.01)
G06F 16/48 (2019.01)
G06F 40/10 (2020.01)
(31) 18/205,431 **(32)** 02.06.23 **(33)** US
(43) 19.12.2024
(72) NORDFORS, David
(74) Origin Patent and Trade Mark Attorneys

(71) Boost Payment Solutions, Inc.
(11) AU-A-2024270636
(21) 2024270636 **(22)** 03.12.2024
(54) Electronic payment processing using adjusted interchange rate
(51) Int. Cl.
G06Q 20/00 (2012.01)

(43) 19.12.2024
(62) 2019416190
(72) LEAVITT, Dean Michael; LISTER, James Edward
(74) Spruson & Ferguson

(71) Britax Childcare Pty Ltd
(11) AU-A-2024266939
(21) 2024266939 **(22)** 27.11.2024
(54) AN INSERT FOR A CHILD SAFETY SEAT
(51) Int. Cl.
B60N 2/28 (2006.01)
(43) 19.12.2024
(62) 2018256617
(72) Maciejczyk, Wieslaw
(74) K&L Gates

(71) Britax Romer Kindersicherheit GmbH
(11) AU-A-2024267008
(21) 2024267008 **(22)** 28.11.2024
(54) Extendible protective element for use in a child safety seat
(51) Int. Cl.
B60N 2/26 (2006.01)
B60N 2/90 (2018.01)
(43) 19.12.2024
(62) 2018282362
(72) Schmitz, Michael; Henseler, Richard; Berg, Florian
(74) K&L Gates

(71) Broadridge Financial Solutions, Inc.
(11) AU-A-2024274537
(21) 2024274537 **(22)** 04.12.2024
(54) COMPUTER NETWORK SYSTEMS ADMINISTERING CRYPTOGRAPHICALLY-SECURED, TOKEN-BASED SUBSTITUTION MANAGEMENT AND METHODS OF USER THEREOF
(51) Int. Cl.
H04L 9/00 (2022.01)
(43) 19.12.2024
(62) 2019203184
(72) Mayadas, Vijay; Barakat, Horacio; Seshagiri, Kishore; Garahan, John; Nashikkar, Hrishikesh
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) BYD COMPANY LIMITED
(11) AU-A-2024277683
(21) 2024277683 **(22)** 04.12.2024
(54) MOTOR SYSTEM AND VEHICLE HAVING THE SAME
(51) Int. Cl.
H02K 9/19 (2006.01)
B60K 1/00 (2006.01)
B60K 11/02 (2006.01)
F16H 57/04 (2010.01)
H02K 7/116 (2006.01)
(43) 19.12.2024
(62) 2022248319
(72) LIAN, Yubo; LING, Heping; ZHAI, Zhen; ZHAO, Linlin; LIU, Linna
(74) MINTER ELLISON

(71) Canon Kabushiki Kaisha
(11) AU-A-2024266959
(21) 2024266959 **(22)** 28.11.2024
(54) Image forming apparatus and cartridge
(51) Int. Cl.
G03G 21/16 (2006.01)
G03G 21/18 (2006.01)
(43) 19.12.2024
(62) 2021344099
(72) FUJINO, Toshiki; HIRAYAMA, Akinobu; SASAKI, Teruhiko; KAWAI, Tachio; ABE, Daisuke; TOBA, Shinjiro; KAWANAMI, Takeo; NISHIDA, Shinichi; FUKUI, Yuichi; EGAMI, Yasuyuki
(74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
(11) AU-A-2024275219
(21) 2024275219 **(22)** 04.12.2024
(54) Method, apparatus and system for encoding and decoding a tensor
(51) Int. Cl.
H04N 19/46 (2014.01)
G06N 3/02 (2006.01)
G06T 9/00 (2006.01)
H04N 19/59 (2014.01)
H04N 19/85 (2014.01)
(43) 19.12.2024
(62) 2022252783
(72) ROSEWARNE, Christopher James; NGUYEN, Thi Hong Nhung
(74) Spruson & Ferguson

(71) CARBON TECHNOLOGY HOLDINGS, LLC
(11) AU-A-2024267084
(21) 2024267084 **(22)** 02.12.2024
(54) Biochar as a microbial carrier
(51) Int. Cl.
C12N 11/14 (2006.01)
C12M 1/00 (2006.01)
C12P 5/02 (2006.01)
(43) 19.12.2024
(62) 2022246399
(72) Belcher, Richard Wilson; Kim, Han Suk; Buege, Brian; Jarand, Mark L.; Cheiky, Michael C.; Sills, Ronald A.
(74) AJ PARK

(71) Caterpillar Global Mining Equipment LLC
(11) AU-A-2024203024
(21) 2024203024 **(22)** 08.05.2024
(54) DYNAMIC BRAKING TORQUE SPLIT FOR OPTIMAL THERMAL MANAGEMENT
(51) Int. Cl.
B60T 8/1766 (2006.01)
B60T 8/1764 (2006.01)
B60T 8/26 (2006.01)
(31) 18/203490 **(32)** 30.05.23 **(33)** US
(43) 19.12.2024
(72) SCHNEIDER, Karl P.; SKALET, Joel
(74) FPA Patent Attorneys Pty Ltd

(71) Caterpillar Inc.
(11) AU-A-2023203455

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- (21) 2023203455 (22) 02.06.2023
 (54) System for operating hydraulic actuators
- (51) Int. Cl.
F15B 15/22 (2006.01)
E02F 9/22 (2006.01)
F15B 20/00 (2006.01)
- (43) 19.12.2024
 (72) Prema, Anand Subbiah; Raman, Prasana; Chidambaram, Jegatheesh; Chengalvarayan, Partiban
 (74) FPA Patent Attorneys Pty Ltd
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- (71) CATERPILLAR PAVING PRODUCTS INC.
 (11) AU-A-2024203026
 (21) 2024203026 (22) 08.05.2024
 (54) PAVING MACHINE INCLUDING SCREED ASSEMBLY WITH COMPRESSION MECHANISMS
- (51) Int. Cl.
E01C 19/42 (2006.01)
E01C 19/18 (2006.01)
E01C 19/20 (2006.01)
E01C 19/48 (2006.01)
- (31) 18/325195 (32) 30.05.23 (33) US
 (43) 19.12.2024
 (72) BERNS, Reece; THIESSE, Ryan T.; FRELICH, Toby
 (74) FPA Patent Attorneys Pty Ltd
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- (71) CAVEAMAN CONSULTING PTY LTD
 (11) AU-A-2024267053
 (21) 2024267053 (22) 29.11.2024
 (54) BLOCK CAVING MINE CONFIGURATIONS AND METHODS
- (51) Int. Cl.
E21C 41/22 (2006.01)
- (43) 19.12.2024
 (62) 2023226952
 (72) DUNSTAN, Geoffrey
 (74) Halfords IP
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- (71) China UnionPay Co., Ltd.
 (11) AU-A-2024266937
 (21) 2024266937 (22) 27.11.2024
 (54) CARD MANAGEMENT METHOD, USER TERMINAL, SERVER, SYSTEM AND STORAGE MEDIUM
- (51) Int. Cl.
G06Q 20/34 (2012.01)
- (43) 19.12.2024
 (62) 2021404438
 (72) LIU, Gang; PENG, Cheng; SUN, Quan; ZOU, Zhenzhong; ZHAN, Chengchu; CAI, Hua
 (74) Madderns Pty Ltd
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- (71) Chongqing Changan Automobile Co., Ltd
 (11) AU-A-2024200039
 (21) 2024200039 (22) 03.01.2024
 (54) Lane Line Point Cloud Splicing Method And Apparatus, Device, Medium, And Vehicle
- (51) Int. Cl.
G06V 20/56 (2022.01)
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- B60W 60/00* (2020.01)
G01C 21/16 (2006.01)
G06T 7/00 (2017.01)
- (31) 202310632364.0 (32) 30.05.23 (33) CN
 (43) 19.12.2024
 (72) CAO, Chuan; KANG, Yifei; TANG, Zhaofeng
 (74) WRAYS PTY LTD
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- (71) Chongqing Changan Automobile Co., Ltd.
 (11) AU-A-2023285944
 (21) 2023285944 (22) 22.12.2023
 (54) Method and device for evaluating driving trajectory of vehicle without GPS signal
- (51) Int. Cl.
G01C 21/26 (2006.01)
G01C 21/04 (2006.01)
- (31) 202310628178X (32) 30.05.23 (33) CN
 (43) 19.12.2024
 (72) Ren, Xiangyun; Peng, Xiangjun; Yu, Longshan
 (74) Davies Collison Cave Pty Ltd
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- (71) Clearview Property Management Pty Ltd
 (11) AU-A-2024267016
 (21) 2024267016 (22) 28.11.2024
 (54) APPARATUS FOR MOVING AN ITEM
- (51) Int. Cl.
B66F 7/06 (2006.01)
B66F 7/28 (2006.01)
B60R 11/00 (2006.01)
B66F 7/08 (2006.01)
- (43) 19.12.2024
 (62) 2022204230
 (72) Cowan, Michael; Cincotta, Bernard; Chapman, Graeme
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) CLONBIO GROUP LTD.
 (11) AU-A-2023430181
 (21) 2023430181 (22) 04.06.2023
 (54) FOOD OR FEED COMPOSITION WITH A HIGH LEVEL OF PLANT PROTEINS.
- (51) Int. Cl.
A23K 40/25 (2016.01)
A23K 10/30 (2016.01)
A23L 7/10 (2016.01)
A23P 10/25 (2016.01)
A23P 30/20 (2016.01)
- (43) 19.12.2024
 (72) TURLEY, Mark
 (74) Blue Penguin IP Ltd
-
- (71) Colgate-Palmolive Company
 (11) AU-A-2024266981
 (21) 2024266981 (22) 28.11.2024
 (54) Oral care implement, handle thereof, and oral care refill head therefor
- (51) Int. Cl.
A46B 7/04 (2006.01)
A61C 17/22 (2006.01)
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- (43) 19.12.2024
 (62) 2019475975
 (72) Ji, Yanmei; SPROSTA, Al Aquanza; JIMENEZ, Eduardo; HOHLBEIN, Douglas; ROONEY, Michael; DING, Xi-angji
 (74) Spruson & Ferguson
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- (71) Day, G.
 (11) AU-A-2023203509
 (21) 2023203509 (22) 05.06.2023
 (54) Beekeeper's Drinking Device
- (51) Int. Cl.
A47G 21/18 (2006.01)
A01K 55/00 (2006.01)
A41D 13/00 (2006.01)
A42B 5/00 (2006.01)
A47G 19/22 (2006.01)
A45F 3/16 (2006.01)
- (43) 19.12.2024
 (72) Day, Graeme
 (74) Graeme Day
-
- (71) Deere & Company
 (11) AU-A-2024201971
 (21) 2024201971 (22) 27.03.2024
 (54) Monitoring an IC engine of a forest harvester
- (51) Int. Cl.
F02D 45/00 (2006.01)
A01G 23/08 (2006.01)
G05D 13/00 (2006.01)
- (31) 23176340.0 (32) 31.05.23 (33) EP
 (43) 19.12.2024
 (72) Koivula, Timo
 (74) Davies Collison Cave Pty Ltd
-
- (71) Deere & Company
 (11) AU-A-2024267019
 (21) 2024267019 (22) 29.11.2024
 (54) COMMODITY METERING SYSTEM FOR WORK VEHICLE AND CALIBRATION METHOD FOR SAME
- (51) Int. Cl.
A01C 7/10 (2006.01)
A01C 7/18 (2006.01)
- (43) 19.12.2024
 (62) 2018208630
 (72) Borkgren, Stanley R.; Garner, Elijah B.; Miller, Jonathan T.
 (74) James & Wells Intellectual Property
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- (71) Dendrite Imaging, Inc.
 (11) AU-A-2024270639
 (21) 2024270639 (22) 03.12.2024
 (54) Advanced nervous tissue imaging system
- (51) Int. Cl.
G01N 21/64 (2006.01)
A61B 5/00 (2006.01)
G01N 21/62 (2006.01)
G01N 21/63 (2006.01)
- (43) 19.12.2024
 (62) 2021305238
 (72) DIP, Fernando; ROSENTHAL, Raul J.
 (74) Walker IP

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(71) Dexter Axle Company LLC
 (11) AU-A-2024203254
 (21) 2024203254 (22) 16.05.2024
 (54) Trailed vehicle having a brake system
 (51) Int. Cl.
 B60T 7/20 (2006.01)
 B60D 1/62 (2006.01)
 B60T 11/10 (2006.01)
 B62D 63/08 (2006.01)
 (31) 18/327,517 (32) 01.06.23 (33) US
 (43) 19.12.2024
 (72) LIEVORE, Samuel Neil; SCHUH, Eric Joseph
 (74) Griffith Hack

(71) Dolby International AB
 (11) AU-A-2024266966
 (21) 2024266966 (22) 28.11.2024
 (54) Advanced stereo coding based on a combination of adaptively selectable left/right or mid/side stereo coding and of parametric stereo coding
 (51) Int. Cl.
 G10L 19/00 (2013.01)
 (43) 19.12.2024
 (62) 2022209299
 (72) Purnhagen, Heiko; Carlsson, Pontus; Kjoerling, Kristofer
 (74) Chrysiliou IP

(71) Dometic Sweden AB
 (11) AU-A-2024267067
 (21) 2024267067 (22) 29.11.2024
 (54) Awning assembly
 (51) Int. Cl.
 B60J 11/02 (2006.01)
 E04F 10/06 (2006.01)
 E04H 15/08 (2006.01)
 E04H 15/58 (2006.01)
 (43) 19.12.2024
 (62) 2019203640
 (72) Bekaert, Miguel
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.
 (11) AU-A-2024267088
 (21) 2024267088 (22) 02.12.2024
 (54) Multipurpose alkaline compositions and methods of use
 (51) Int. Cl.
 C11D 3/00 (2006.01)
 C11D 3/30 (2006.01)
 (43) 19.12.2024
 (62) 2021387902
 (72) OLSON, Erik C.; EMIRU, Hilina; ANDERSON, Derrick; RIGHTMIRE, Kelly Anne; MEIER, Timothy
 (74) Spruson & Ferguson

(71) Ecolab USA Inc.
 (11) AU-A-2024267089
 (21) 2024267089 (22) 02.12.2024
 (54) Multipurpose acidic compositions and methods of use
 (51) Int. Cl.
 C11D 3/00 (2006.01)
 C11D 3/20 (2006.01)

C11D 11/00 (2006.01)
C11D 1/14 (2006.01)
 (43) 19.12.2024
 (62) 2021385532
 (72) OLSON, Erik C.; EMIRU, Hilina; ANDERSON, Derrick; RIGHTMIRE, Kelly Anne; MEIER, Timothy
 (74) Spruson & Ferguson

ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) see ANOKION SA
 (21) 2024266808

(71) Eiger Group International, Inc.
 (11) AU-A-2024266943
 (21) 2024266943 (22) 27.11.2024
 (54) USE OF CHLOROQUINE AND CL-EMIZOLE COMPOUNDS FOR TREATMENT OF INFLAMMATORY AND CANCEROUS CONDITIONS
 (51) Int. Cl.
 C07D 403/06 (2006.01)
 A61K 31/4184 (2006.01)
 C07D 451/02 (2006.01)
 (43) 19.12.2024
 (62) 2023201397
 (72) Glenn, Jeffrey S.; Pham, Edward A.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Eli Lilly and Company
 (11) AU-A-2024266715
 (21) 2024266715 (22) 20.11.2024
 (54) GIP/GLP1 agonist compositions
 (51) Int. Cl.
 A61K 47/02 (2006.01)
 A61K 38/00 (2006.01)
 A61K 38/16 (2006.01)
 A61K 47/10 (2017.01)
 A61P 3/10 (2006.01)
 (43) 19.12.2024
 (62) 2022279524
 (72) CORVARI, Vincent John; MINIE, Christopher Sears; MISHRA, Dinesh Shyandeo; QIAN, Ken Kangyi
 (74) Davies Collison Cave Pty Ltd

(71) ELI LILLY AND COMPANY
 (11) AU-A-2024267108
 (21) 2024267108 (22) 02.12.2024
 (54) Oscillating Fluidized Bed Oligonucleotide Synthesizer
 (51) Int. Cl.
 C07H 1/00 (2006.01)
 B01J 8/00 (2006.01)
 C07H 21/00 (2006.01)
 (43) 19.12.2024
 (62) 2021400491
 (72) BRADEN, Timothy Michael; JOHNSON, Martin David; SUN, Wei-Ming; WEBSTER, Luke Philip; WEI, Yufei; ZELINSKI, Jessica Ann
 (74) WRAYS PTY LTD

(71) EpinovaTech AB
 (11) AU-A-2024267013
 (21) 2024267013 (22) 28.11.2024

(54) Semiconductor Layer Structure
 (51) Int. Cl.
 H01L 29/778 (2006.01)
 H01L 21/20 (2006.01)
 H01L 21/205 (2006.01)
 H01L 21/337 (2006.01)
 H01L 21/338 (2006.01)
 H01L 29/423 (2006.01)
 H01L 29/10 (2006.01)
 H01L 29/20 (2006.01)
 H01L 29/417 (2006.01)
 (43) 19.12.2024
 (62) 2023210648
 (72) Olsson, Martin Andreas
 (74) Michael Buck IP

(71) EVOLOH, INC.
 (11) AU-A-2024267000
 (21) 2024267000 (22) 28.11.2024
 (54) Scalable electrolysis cell and stack and method of high-speed manufacturing the same
 (51) Int. Cl.
 C25B 1/04 (2021.01)
 C25B 9/05 (2021.01)
 C25B 9/60 (2021.01)
 C25B 9/75 (2021.01)
 C25B 9/70 (2021.01)
 C25B 11/036 (2021.01)
 (43) 19.12.2024
 (62) 2022308647
 (72) BLANCHET, Scott
 (74) Griffith Hack

(71) EVOLOH, INC.
 (11) AU-A-2024267011
 (21) 2024267011 (22) 28.11.2024
 (54) Scalable electrolysis cell and stack and method of high-speed manufacturing the same
 (51) Int. Cl.
 C25B 1/04 (2021.01)
 C25B 9/05 (2021.01)
 C25B 9/60 (2021.01)
 C25B 9/75 (2021.01)
 C25B 9/70 (2021.01)
 C25B 11/036 (2021.01)
 (43) 19.12.2024
 (62) 2022308647
 (72) BLANCHET, Scott
 (74) Griffith Hack

(71) ExoProther Medical Ltd.
 (11) AU-A-2024270618
 (21) 2024270618 (22) 03.12.2024
 (54) Native cell derived vesicles containing tumor suppressor proteins for therapy
 (51) Int. Cl.
 A61K 9/127 (2006.01)
 A61K 38/17 (2006.01)
 A61P 35/00 (2006.01)
 (43) 19.12.2024
 (62) 2018238010
 (72) Tendler, Alexander; Volokh, Lana
 (74) AJ PARK

Applications Open to Public Inspection - Name Index cont'd

- (71) Expella Pty Ltd
 (11) AU-A-2023203426
 (21) 2023203426 (22) 31.05.2023
 (54) Collapsible duct for HVAC systems
 (51) Int. Cl.
F24F 13/02 (2006.01)
F16L 9/00 (2006.01)
F16L 9/17 (2006.01)
F16L 59/075 (2006.01)
 (43) 19.12.2024
 (72) QUICK, Wes; QUICK, Geoff
 (74) FB Rice Pty Ltd
-
- (71) Ezzy Fit Pty Ltd
 (11) AU-A-2023266244
 (21) 2023266244 (22) 14.11.2023
 (54) Building panels
 (51) Int. Cl.
E02D 29/02 (2006.01)
E04H 17/16 (2006.01)
 (31) 2023901736 (32) 01.06.23 (33) AU
 (43) 19.12.2024
 (72) Rolf Bytschewsky
 (74) Intellepro Patent & Trade Mark Attorneys
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- (71) FalCom A/S
 (11) AU-A-2024203477
 (21) 2024203477 (22) 24.05.2024
 (54) Control unit
 (51) Int. Cl.
H04W 4/10 (2009.01)
H04M 1/06 (2006.01)
 (31) PA202330050 (32) 30.05.23 (33) DK
 (43) 19.12.2024
 (72) NIEMANN, Anders Juhl; VERNER, Thorbjørn Gade
 (74) FB Rice Pty Ltd
-
- (71) FBD BIOLOGICS LIMITED
 (11) AU-A-2024204722
 (21) 2024204722 (22) 31.05.2024
 (54) CD47/PD-L1-TARGETING PROTEIN COMPLEX AND METHODS OF USE THEREOF
 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 15/62 (2006.01)
 (31) 63/470003 (32) 31.05.23 (33) US
 (43) 19.12.2024
 (72) WANG, Jiin-Tarng; TENG, Han-Fang; CHENG, Yun-Chih; KUO, Pan-Hsien; HO, Chieh-Hsin; SUN, Wei-Tse; WU, Chia-Zhen; SHEN, Tsai-Kuei; TSENG, Chi-Ling; JUO, Zong Sean
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024266948
 (21) 2024266948 (22) 28.11.2024
 (54) BLOWER FOR BREATHING APPARATUS
 (51) Int. Cl.
A61M 16/00 (2006.01)
 (43) 19.12.2024
 (62) 2022204437
 (72) KURIGER, Donald Roy; BOTHMA, Johannes Nicolaas
 (74) AJ PARK
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2024266972
 (21) 2024266972 (22) 28.11.2024
 (54) CUSTOMIZABLE RESPIRATORY MASK
 (51) Int. Cl.
A61M 16/06 (2006.01)
 (43) 19.12.2024
 (62) 2022204905
 (72) SCHEIRLINCK, Erik Robertus; SMITH, Daniel John
 (74) AJ PARK
-
- (71) Fitzmaurice, A.L.
 (11) AU-A-2024266991
 (21) 2024266991 (22) 28.11.2024
 (54) Endless Maceration Conveyor Assembly with Juice Deflector
 (51) Int. Cl.
C13B 10/02 (2011.01)
B65G 17/06 (2006.01)
C13B 5/04 (2011.01)
 (43) 19.12.2024
 (62) 2018367922
 (72) FITZMAURICE, Alan Lewis
 (74) Intellepro Patent & Trade Mark Attorneys
-
- (71) FLASH CORPORATION PTY LIMITED
 (11) AU-A-2024203160
 (21) 2024203160 (22) 13.05.2024
 (54) A FRAMING DEVICE AND JOINING MEMBER
 (51) Int. Cl.
B44C 5/02 (2006.01)
A47G 1/06 (2006.01)
A47G 1/10 (2006.01)
B44C 5/00 (2006.01)
 (31) 2023901775 (32) 05.06.23 (33) AU
 (43) 19.12.2024
 (72) UDEN, Fredrik Holger
 (74) Baxter Patent Attorneys Pty Ltd
-
- (71) Flowserve Pte. Ltd.
 (11) AU-A-2024267075
 (21) 2024267075 (22) 02.12.2024
 (54) Fluid coolers, heat exchangers, seal assemblies and systems including fluid coolers or heat exchangers and related methods
 (51) Int. Cl.
F28D 7/02 (2006.01)
F04B 1/04 (2020.01)
F04B 39/06 (2006.01)
F28D 1/047 (2006.01)
F28F 1/36 (2006.01)
F28F 1/40 (2006.01)
 (43) 19.12.2024
 (62) 2019251293
 (72) VAN NOESEL, Ronald; VAN GRAEF-SCHPEPE, Dennis; OOMEN, Frank
 (74) GLMR
-
- (71) FluGen, Inc.
 (11) AU-A-2024259889
 (21) 2024259889 (22) 11.11.2024
 (54) IMMUNOGENIC COMPOSITIONS AGAINST INFLUENZA
 (51) Int. Cl.
C12N 7/04 (2006.01)
A61K 39/145 (2006.01)
C07K 14/005 (2006.01)
C07K 14/11 (2006.01)
C12N 15/86 (2006.01)
 (43) 19.12.2024
 (62) 2018225746
 (72) Moser, Michael J.; Hatta, Yasuko; Bilsel, Pamuk
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) FOGHORN THERAPEUTICS INC.
 (11) AU-A-2024267001
 (21) 2024267001 (22) 28.11.2024
 (54) Compounds And Uses Thereof
 (51) Int. Cl.
C07D 273/02 (2006.01)
C07D 413/10 (2006.01)
C07D 413/14 (2006.01)
 (43) 19.12.2024
 (62) 2021378949
 (72) WILSON, Kevin J.; NEGRETTI, Solymar; SCHILLER, Shawn E.R.; VASWANI, Rishi G.; HUANG, David S.; VOIGT, Johannes H.
 (74) WRAYS PTY LTD
-
- (71) Forward Water Technologies
 (11) AU-A-2024267102
 (21) 2024267102 (22) 02.12.2024
 (54) A switchable forward osmosis system, and processes thereof
 (51) Int. Cl.
C02F 1/44 (2023.01)
B01D 61/00 (2006.01)
 (43) 19.12.2024
 (62) 2022203148
 (72) Resendes, Rui; Holland, Amy Marie; Clark, Timothy James; Mariampillai, Brian Ernest; Dumont, Robert Harold Jean
 (74) Griffith Hack
-
- (71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
 (11) AU-A-2024266944
 (21) 2024266944 (22) 27.11.2024
 (54) Audio encoder, audio decoder, method for encoding an audio signal and method for decoding an encoded audio signal
 (51) Int. Cl.
G10L 19/02 (2013.01)

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(43) 19.12.2024
 (62) 2023241343
 (72) EDLER, Bernd; HELMRICH, Christian; NEUENDORF, Max; SCHUBERT, Benjamin
 (74) Griffith Hack

(71) Fred Hutchinson Cancer Center
 (11) AU-A-2024264571
 (21) 2024264571 (22) 12.11.2024
 (54) Systems and methods to produce B cells genetically modified to express selected antibodies
 (51) Int. Cl.
 C12N 5/078 (2010.01)
 C12N 5/0781 (2010.01)
 C12N 15/90 (2006.01)
 (43) 19.12.2024
 (62) 2018351072
 (72) TAYLOR, Justin J.; MOFFETT, Howell F.
 (74) Griffith Hack

(71) FUJIFILM CORPORATION
 (11) AU-A-2024267048
 (21) 2024267048 (22) 29.11.2024
 (54) Compound or salt thereof, lipid particles, and pharmaceutical composition
 (51) Int. Cl.
 C07C 219/16 (2006.01)
 A61K 9/107 (2006.01)
 A61K 9/127 (2006.01)
 A61K 31/7088 (2006.01)
 A61K 47/18 (2017.01)
 A61K 47/24 (2006.01)
 A61K 47/28 (2006.01)
 A61K 48/00 (2006.01)
 (43) 19.12.2024
 (62) 2022263899
 (72) TANABE, Shintaro; NITABARU, Tatsuya; YAMAMOTO, Masahiko; FUKUNAGA, Hirofumi; NAKAMURA, Naoto; KASAGI, Noriyuki; ENDO, Taisuke; SUZUKI, Keiko
 (74) Griffith Hack

(71) Galaxy Digital Trading LLC
 (11) AU-A-2024267044
 (21) 2024267044 (22) 29.11.2024
 (54) Cryptocurrency wallet and cryptocurrency account management
 (51) Int. Cl.
 G06F 21/00 (2013.01)
 G06F 21/60 (2013.01)
 G06F 21/62 (2013.01)
 G06Q 20/36 (2012.01)
 G06Q 20/38 (2012.01)
 G06Q 20/40 (2012.01)
 (43) 19.12.2024
 (62) 2019221323
 (72) LAMESH, Lior
 (74) FB Rice Pty Ltd

(71) GammaDelta Therapeutics Ltd
 (11) AU-A-2024267110
 (21) 2024267110 (22) 02.12.2024

(54) Lymphocytes expressing heterologous targeting constructs
 (51) Int. Cl.
 C07K 14/435 (2006.01)
 A61P 35/00 (2006.01)
 C07K 16/00 (2006.01)
 C12N 5/0783 (2010.01)
 (43) 19.12.2024
 (62) 2019239705
 (72) NUSSBAUMER, Oliver; KOVACS, Istvan; PIZZITOLA, Irene; MEHTA, Raj
 (74) FB Rice Pty Ltd

(71) GEN1E LIFESCIENCES INC.
 (11) AU-A-2024267054
 (21) 2024267054 (22) 29.11.2024
 (54) SUBSTITUTED NAPHTHYL P38ALPHA MITOGEN-ACTIVATED PROTEIN KINASE INHIBITORS
 (51) Int. Cl.
 C07D 295/135 (2006.01)
 A61K 31/5375 (2006.01)
 A61P 35/00 (2006.01)
 C07D 265/30 (2006.01)
 (43) 19.12.2024
 (62) 2022244224
 (72) GALAN, Adam; LUO, Wendy; LAL, Ritu
 (74) Minter Ellison

(71) Genzyme Corporation
 (11) AU-A-2024224000
 (21) 2024224000 (22) 30.09.2024
 (54) Anti-complement factor BB antibodies and uses thereof
 (51) Int. Cl.
 C07K 16/18 (2006.01)
 A61K 39/395 (2006.01)
 C07K 16/36 (2006.01)
 C07K 16/40 (2006.01)
 (43) 19.12.2024
 (62) 2017246794
 (72) PANICKER, Sandip; PARRY, Graham; CHRISTOPHERSON, Karen Sue; BYUN, Tony Sangyoung
 (74) Spruson & Ferguson

(71) GE Video Compression, LLC
 (11) AU-A-2024266934
 (21) 2024266934 (22) 27.11.2024
 (54) Entropy coding of motion vector differences
 (51) Int. Cl.
 H03M 7/42 (2006.01)
 (43) 19.12.2024
 (62) 2024201731
 (72) STEGEMANN, Jan; WIEGAND, Thomas; GEORGE, Valeri; BROSS, Benjamin; KIRCHHOFFER, Heiner; MARPE, Detlev; NGUYEN, Tung; PREISS, Matthias; SIEKMANN, Mischa
 (74) Griffith Hack

(71) Gilead Sciences, Inc.
 (11) AU-A-2024267064
 (21) 2024267064 (22) 29.11.2024
 (54) Crystalline forms of tenofovir alafenamide

(51) Int. Cl.
 C07F 9/6561 (2006.01)
 A61K 31/685 (2006.01)
 A61P 31/18 (2006.01)
 A61P 31/20 (2006.01)
 (43) 19.12.2024
 (62) 2022283687
 (72) Lai, Chiajen; Shi, Bing; Strickley, Robert G.
 (74) Davies Collison Cave Pty Ltd

(71) GILEAD SCIENCES, INC.
 (11) AU-A-2024267005
 (21) 2024267005 (22) 28.11.2024
 (54) BRIDGED TRICYCLIC CARBAMOYLPIRIDONE COMPOUNDS AND USES THEREOF
 (51) Int. Cl.
 C07D 471/04 (2006.01)
 A61K 31/495 (2006.01)
 A61P 31/18 (2006.01)
 (43) 19.12.2024
 (62) 2021351491
 (72) CHU, Hang; GUO, Hongyan; JIANG, Lan; LI, Jiayao; LIN, David W.; PYUN, Hyung-Jung; WU, Qiaoyin; YANG, Hong; ZAJDLIK, Adam D.; ZHANG, Jennifer R.
 (74) Davies Collison Cave Pty Ltd

(71) Glasserton Bioengineering Ltd
 (11) AU-A-2024203583
 (21) 2024203583 (22) 29.05.2024
 (54) A POSTURAL SUPPORT DEVICE
 (51) Int. Cl.
 A61G 5/10 (2006.01)
 A47C 7/46 (2006.01)
 A61G 7/05 (2006.01)
 (31) 2308059.1 (32) 30.05.23 (33) GB
 (43) 19.12.2024
 (72) MAIR, Colin
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Globberide, Inc.
 (11) AU-A-2024200971
 (21) 2024200971 (22) 15.02.2024
 (54) REAR GRIP BASE MATERIAL, REEL SEAT BASE MATERIAL, AND REAR GRIP AND REEL SEAT FORMED BY REAR GRIP BASE MATERIAL AND REEL SEAT BASE MATERIAL
 (51) Int. Cl.
 A01K 87/08 (2006.01)
 B29C 70/10 (2006.01)
 C08J 5/24 (2006.01)
 (31) 2023-088354 (32) 30.05.23 (33) JP
 (43) 19.12.2024
 (72) KAWAMURA, Takuji; KUSUMOTO, Harunobu
 (74) Griffith Hack

(71) Good T Cells, Inc.
 (11) AU-A-2024266887
 (21) 2024266887 (22) 26.11.2024

Applications Open to Public Inspection - Name Index cont'd

(54) Epitope of regulatory T cell surface antigen and antibody specifically binding thereto
 (51) Int. Cl.
C07K 7/08 (2006.01)
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
 (43) 19.12.2024
 (62) 2019267050
 (72) KIM, Jung Ho; KIM, Beom Seek
 (74) FB Rice Pty Ltd

(71) Grail, Inc.
 (11) AU-A-2024266963
 (21) 2024266963 (22) 28.11.2024
 (54) MULTI-ASSAY PREDICTION MODEL FOR CANCER DETECTION
 (51) Int. Cl.
G16B 20/00 (2019.01)
C12Q 1/6886 (2018.01)
C12Q 1/70 (2006.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
G16B 20/10 (2019.01)
G16B 20/20 (2019.01)
G16B 40/00 (2019.01)
 (43) 19.12.2024
 (62) 2019253112
 (72) HUBBELL, Earl; GROSS, Samuel S.; FILIPPOVA, Darya; SHEN, Ling; VENN, Oliver Claude; BLOCKER, Alexander Weaver; ZHANG, Nan; MADDALA, Tara; ARAVANIS, Alex; LIU, Qinwen; VALOUEV, Anton; NICULA, Virgil; WILLIAMS, Richard T.
 (74) James & Wells Intellectual Property

Green, J. see Absalom, B.
 (21) 2024202490

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (11) AU-A-2024266920
 (21) 2024266920 (22) 27.11.2024
 (54) Image signal encoding/decoding method and apparatus therefor
 (51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/105 (2014.01)
H04N 19/109 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/176 (2014.01)
H04N 19/503 (2014.01)
H04N 19/593 (2014.01)
 (43) 19.12.2024
 (62) 2019377757
 (72) LEE, Bae Keun
 (74) Spruson & Ferguson

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (11) AU-A-2024266921
 (21) 2024266921 (22) 27.11.2024
 (54) Image signal encoding/decoding method and apparatus therefor
 (51) Int. Cl.

H04N 19/11 (2014.01)
H04N 19/105 (2014.01)
H04N 19/109 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/176 (2014.01)
H04N 19/503 (2014.01)
H04N 19/593 (2014.01)
 (43) 19.12.2024
 (62) 2019377757
 (72) LEE, Bae Keun
 (74) Spruson & Ferguson

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (11) AU-A-2024266924
 (21) 2024266924 (22) 27.11.2024
 (54) Image signal encoding/decoding method and apparatus therefor
 (51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/105 (2014.01)
H04N 19/109 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/176 (2014.01)
H04N 19/503 (2014.01)
H04N 19/593 (2014.01)
 (43) 19.12.2024
 (62) 2019377757
 (72) LEE, Bae Keun
 (74) Spruson & Ferguson

(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (11) AU-A-2024266928
 (21) 2024266928 (22) 27.11.2024
 (54) Image signal encoding/decoding method and apparatus therefor
 (51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/105 (2014.01)
H04N 19/109 (2014.01)
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/176 (2014.01)
H04N 19/503 (2014.01)
H04N 19/593 (2014.01)
 (43) 19.12.2024
 (62) 2019377757
 (72) LEE, Bae Keun
 (74) Spruson & Ferguson

(71) Haemonetics Corporation
 (11) AU-A-2024267038
 (21) 2024267038 (22) 29.11.2024
 (54) Plasmapheresis centrifuge bowl
 (51) Int. Cl.
A61M 1/36 (2006.01)
A61M 1/34 (2006.01)
 (43) 19.12.2024
 (62) 2019242377
 (72) KORYTKO, Taylor
 (74) Griffith Hack

(71) HOWMEDICA OSTEONICS CORP.
 (11) AU-A-2024267077

(21) 2024267077 (22) 02.12.2024
 (54) Computer-assisted surgical planning
 (51) Int. Cl.
A61B 34/10 (2016.01)
A61F 2/30 (2006.01)
G16H 50/50 (2018.01)
 (43) 19.12.2024
 (62) 2022217138
 (72) CHAOUI, Jean; URVOY, Manuel Jean-Marie; DUCROCQ, Emile
 (74) FB Rice Pty Ltd

(71) Huawei Technologies Co., Ltd.
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 (21) 2024266970 (22) 28.11.2024
 (54) HANDLING OF MULTIPLE PICTURE SIZE AND CONFORMANCE WINDOWS FOR REFERENCE PICTURE RESAMPLING IN VIDEO CODING
 (51) Int. Cl.
H04N 9/74 (2006.01)
 (43) 19.12.2024
 (62) 2020259509
 (72) Chen, Jianle; Hendry, Fnu
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024267041
 (21) 2024267041 (22) 29.11.2024
 (54) TECHNIQUES FOR BEAMFORMING
 (51) Int. Cl.
H04B 7/06 (2006.01)
H04B 7/08 (2006.01)
H04B 7/12 (2006.01)
 (43) 19.12.2024
 (62) 2020464522
 (72) Tsodik, Genadiy; Shilo, Shimon; Redlich, Oded
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024267085
 (21) 2024267085 (22) 02.12.2024
 (54) MULTI-LINK COMMUNICATION METHOD, SERVICE AND LINK MAPPING METHOD, AND DEVICE
 (51) Int. Cl.
H04W 24/02 (2009.01)
 (43) 19.12.2024
 (62) 2021327577
 (72) Guo, Yuchen; Gan, Ming; Li, Yunbo; Li, Yiqing; Huang, Guogang
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024267086
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 (54) EARLY TERMINATION FOR OPTICAL FLOW REFINEMENT
 (51) Int. Cl.
H04N 19/51 (2014.01)
H04N 19/52 (2014.01)
 (43) 19.12.2024
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 (21) 2024267103 (22) 02.12.2024
 (54) REQUEST AND RESPONSE METHOD FOR PROBING MLD, STATION, AND ACCESS POINT
 (51) Int. Cl.
H04W 24/02 (2009.01)
H04W 76/11 (2018.01)
H04W 84/12 (2009.01)
 (43) 19.12.2024
 (62) 2021301000
 (72) Guo, Yuchen; Gan, Ming; Li, Yunbo; Huang, Guogang
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) HURRY, J.P.; BIZBOXES, LLC
 (11) AU-A-2024270629
 (21) 2024270629 (22) 03.12.2024
 (54) System and method for unmanned or undermanned delivery of restricted products
 (51) Int. Cl.
G06Q 30/02 (2023.01)
G06Q 20/18 (2012.01)
G06Q 20/20 (2012.01)
 (43) 19.12.2024
 (62) 2021360758
 (72) HURRY, Jon Patrick
 (74) Davies Collison Cave Pty Ltd

(71) HYDROGEN MEM-TECH AS
 (11) AU-A-2024267055
 (21) 2024267055 (22) 29.11.2024
 (54) Membrane Attachment Technique
 (51) Int. Cl.
B01D 67/00 (2006.01)
B01D 53/22 (2006.01)
B01D 63/08 (2006.01)
B01D 69/12 (2006.01)
B01D 71/02 (2006.01)
C01B 3/50 (2006.01)
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 (72) HJELKREM, Inge; SUUL, Martin; ROGNES, Øystein; GRÅBERG, Stig Vemund; REINERTSEN, Thomas
 (74) WRAYS PTY LTD

(71) Immatic Biotechnologies GmbH
 (11) AU-A-2024266950
 (21) 2024266950 (22) 28.11.2024
 (54) TRANSFECTED T-CELLS AND T-CELL RECEPTORS FOR USE IN IMMUNOTHERAPY AGAINST CANCERS
 (51) Int. Cl.
C07K 14/435 (2006.01)
A61K 35/12 (2015.01)
A61K 35/66 (2015.01)
C12N 15/09 (2006.01)
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 (54) COATED ALGAE POWDER FOR ADDING TO DAIRY COW FEED AND DAIRY COW FEED
 (51) Int. Cl.
A23K 10/16 (2016.01)
A23K 20/10 (2016.01)
A23K 40/35 (2016.01)
A23K 50/10 (2016.01)
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 (43) 19.12.2024
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 (74) Spruson & Ferguson

(71) Inova Medical Pty Ltd
 (11) AU-A-2024267098
 (21) 2024267098 (22) 02.12.2024
 (54) Devices and systems for removing tissue above and/or draining a subcutaneous skin abscess
 (51) Int. Cl.
A61B 10/00 (2006.01)
A61B 10/02 (2006.01)
A61B 17/34 (2006.01)
A61M 27/00 (2006.01)
 (43) 19.12.2024
 (62) 2022381666
 (72) WHITE, Melanie Kathryn; HAYES, Alex John Cullen; YEW, Ming Khoon; MATTHEWS, Giles; WESTWOOD, Michael; MILLS, Louis
 (74) FB Rice Pty Ltd

(71) Intellia Therapeutics, Inc.
 (11) AU-A-2024278094
 (21) 2024278094 (22) 04.12.2024
 (54) Stabilized nucleic acids encoding messenger ribonucleic acid (mRNA)
 (51) Int. Cl.
C12N 15/11 (2006.01)
 (43) 19.12.2024
 (62) 2018318135
 (72) DOMBROWSKI, Christian
 (74) Davies Collison Cave Pty Ltd

(71) I-sens, Inc.
 (11) AU-A-2024203438
 (21) 2024203438 (22) 23.05.2024
 (54) ANALYTE MONITORING DEVICE AND CONTROLLING METHOD THEREOF
 (51) Int. Cl.
G16H 20/10 (2018.01)
A61B 5/145 (2006.01)
G16H 40/63 (2018.01)
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 (72) Lee, Jin Won; Lee, Yunho
 (74) LAMINAR IP PTY LTD

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 (21) 2024274538

(71) JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.
 (11) AU-A-2024274538
 (21) 2024274538 (22) 04.12.2024
 (54) HOT-DIP Al-Zn-Si-Mg COATED STEEL SHEET, SURFACE-TREATED STEEL SHEET, AND PRE-PAINTED STEEL SHEET
 (51) Int. Cl.
C23C 2/12 (2006.01)
B32B 15/08 (2006.01)
B32B 15/092 (2006.01)
B32B 15/095 (2006.01)
C22C 18/04 (2006.01)
C22C 21/10 (2006.01)
C22C 30/06 (2006.01)
C23C 2/06 (2006.01)
C23C 2/26 (2006.01)
C23C 28/00 (2006.01)
 (43) 19.12.2024
 (62) 2021370406
 (72) YOSHIDA, Masahiro; TAIRA, Shochiro; OOI, Toshihiko; IWANO, Sumihisa; SATO, Youhei; KANNO, Fumitaka; ANDO, Satoru
 (74) Davies Collison Cave Pty Ltd

(71) JIANG, Hong
 (11) AU-A-2024264716
 (21) 2024264716 (22) 18.11.2024
 (54) DNA therapeutic encoding an antibody or antigen binding fragment
 (51) Int. Cl.
C12N 15/88 (2006.01)
A61K 48/00 (2006.01)
C07K 16/10 (2006.01)
C12N 15/85 (2006.01)
A61K 39/00 (2006.01)
 (43) 19.12.2024
 (62) 2023255370
 (72) JIANG, Hong
 (74) Allens Patent & Trade Mark Attorneys

(71) JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
 (11) AU-A-2023219921
 (21) 2023219921 (22) 24.08.2023
 (54) PHOTOVOLTAIC MODULE AND METHOD FOR MANUFACTURING PHOTOVOLTAIC MODULE
 (51) Int. Cl.
H01L 31/18 (2006.01)
 (31) 202310651015.3 (32) 02.06.23 (33) CN
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 (72) TAO, Wusong; FENG, Jun; LUO, Heng
 (74) BOSH IP Pty Ltd

(71) Jusand Nominees Pty Ltd
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 (21) 2024267009 (22) 28.11.2024
 (54) Retainer Device for a Rock Anchor, Rock Anchor System and Associated Installation Method

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E21D 21/00 (2006.01)
E21D 20/00 (2006.01)
F16B 13/08 (2006.01)
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(62) 2021203289
(72) THOMAS, Sam; NOONAN, Gerry
(74) WRAYS PTY LTD
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- (71) JVCKENWOOD Corporation
(11) AU-A-2024266938
(21) 2024266938 (22) 27.11.2024
(54) IMAGE CODING DEVICE, IMAGE CODING METHOD, IMAGE CODING PROGRAM, IMAGE DECODING DEVICE, IMAGE DECODING METHOD AND IMAGE DECODING PROGRAM
- (51) Int. Cl.
H04N 19/119 (2014.01)
H04N 19/136 (2014.01)
H04N 19/176 (2014.01)
H04N 19/196 (2014.01)
H04N 19/70 (2014.01)
H04N 19/96 (2014.01)
- (43) 19.12.2024
(62) 2023203329
(72) FUKUSHIMA, Shigeru
(74) WRAYS PTY LTD
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- (71) Kimberly-Clark Worldwide, Inc.
(11) AU-A-2024266992
(21) 2024266992 (22) 28.11.2024
(54) Distributed dispenser network
- (51) Int. Cl.
G06Q 10/00 (2023.01)
A47K 5/06 (2006.01)
A47K 10/32 (2006.01)
B65D 83/00 (2006.01)
G06F 9/48 (2006.01)
G06F 9/50 (2006.01)
G06Q 50/00 (2012.01)
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(62) 2019262875
(72) MAHAFFEY, Cleary E.; BECKER, Stephen
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- (71) King, S.
(11) AU-A-2024203270
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(54) A timber truss beam and construction system
- (51) Int. Cl.
E04C 3/16 (2006.01)
E04B 1/26 (2006.01)
- (31) 2023901676 (32) 29.05.23 (33) AU
(43) 19.12.2024
(72) King, Stephen
(74) Patentec Patent Attorneys
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- (71) KITE GLOBAL LLC
(11) AU-A-2024267037
(21) 2024267037 (22) 29.11.2024
(54) SWIVEL LOCK QUICK RELEASE DEVICE
- (51) Int. Cl.
A45F 5/02 (2006.01)
B63B 32/40 (2020.01)
B63B 32/73 (2020.01)
B63H 8/18 (2020.01)
F16B 21/18 (2006.01)
F16G 11/10 (2006.01)
- (43) 19.12.2024
(62) 2022343073
(72) ALLEVATO, Sam Christopher
(74) Halfords IP
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- (71) KURA ONCOLOGY, INC.
(11) AU-A-2024220205
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(54) SOLID FORMS OF A MACROCYCLIC FARNESYLTRANSFERASE INHIBITOR AND FORMULATIONS THEREOF, AND METHODS OF PREPARING AND USING THE MACROCYCLIC COMPOUND AND ITS SOLID FORMS
- (51) Int. Cl.
C07D 491/044 (2006.01)
A61K 9/32 (2006.01)
A61K 31/435 (2006.01)
A61K 47/04 (2006.01)
A61K 47/12 (2006.01)
A61K 47/38 (2006.01)
A61P 35/00 (2006.01)
C07C 233/15 (2006.01)
C07D 215/18 (2006.01)
C07D 261/20 (2006.01)
C07D 295/104 (2006.01)
C07D 403/06 (2006.01)
- (31) PCT/ CN2023/097389 (32) 31.05.23 (33) CN
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(72) BAKALE, Roger Paul; LIU, Kenneth K.; SHAN, Yun; SUN, Xiufeng; ANDRES, Patricia; CHEN, Song; LU, Yue; SONG, Licheng; FERRER, Catalina; NEVES, Ana Rita
(74) FB Rice Pty Ltd
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- (71) KUVÉR DESIGNS PTY. LTD.
(11) AU-A-2023203326
(21) 2023203326 (22) 28.05.2023
(54) Filter for Retaining Microfibers
- (51) Int. Cl.
D06F 39/10 (2006.01)
B01D 29/27 (2006.01)
- (43) 19.12.2024
(72) Allison-Rogers, Susan Margaret
(74) KUVÉR DESIGNS PTY. LTD.
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- (71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(11) AU-A-2024203664
(21) 2024203664 (22) 31.05.2024
(54) IMPROVED HYDROGEN PRODUCTION PROCESS
- (51) Int. Cl.
C01B 3/48 (2006.01)
B01D 53/62 (2006.01)
C01B 3/38 (2006.01)
C01B 32/50 (2017.01)
C01C 1/04 (2006.01)
- (31) 63/469,841 (32) 31.05.23 (33) US
18/375,863 02.10.23 US
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(72) Detweiler, Dayne; Dasgupta, Sayan; Singh, Aditya; Frigola, Louis; Roesch, Alexander
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(11) AU-A-2024203665
(21) 2024203665 (22) 31.05.2024
(54) IMPROVED AMMONIA PRODUCTION PROCESS
- (51) Int. Cl.
C01C 1/04 (2006.01)
B01D 53/62 (2006.01)
C01B 3/38 (2006.01)
C01B 3/48 (2006.01)
C01B 32/50 (2017.01)
- (31) 63/469,839 (32) 31.05.23 (33) US
18/375,859 02.10.23 US
(43) 19.12.2024
(72) Detweiler, Dayne; Dasgupta, Sayan; Roesch, Alexander
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- (71) Landscape Technologies Pty Ltd
(11) AU-A-2024203592
(21) 2024203592 (22) 29.05.2024
(54) TECHNOLOGY CONFIGURED TO ENABLE EFFICIENT COLLECTION OF SUBSURFACE SOIL DATA, WITH APPLICATION TO GOLF COURSES, AGRICULTURAL LAND AND OTHER AREAS
- (51) Int. Cl.
G01N 3/40 (2006.01)
A01B 76/00 (2006.01)
G01N 3/303 (2006.01)
G01N 33/24 (2006.01)
- (31) 2023901667 (32) 29.05.23 (33) AU
(43) 19.12.2024
(72) WILLIAMS, MARK
(74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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- (71) LANE, K.
(11) AU-A-2024203660
(21) 2024203660 (22) 31.05.2024
(54) DRUM TUNER
- (51) Int. Cl.
G10D 13/16 (2020.01)
G10D 13/02 (2020.01)
- (31) 2023901710 (32) 31.05.23 (33) AU
(43) 19.12.2024
(72) LANE, Kevin
(74) Kevin LANE
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- (71) LEO Pharma A/S
(11) AU-A-2024266962
(21) 2024266962 (22) 28.11.2024
(54) Treatment of hand eczema
- (51) Int. Cl.
A61K 31/519 (2006.01)
A61P 17/00 (2006.01)

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 (72) WENNERBERG, Tero; SØRENSEN, Anders Per
 (74) FPA Patent Attorneys Pty Ltd

(71) Lesaffre et Compagnie
 (11) AU-A-2024267079
 (21) 2024267079 (22) 02.12.2024
 (54) Probiotic for poultry or cud-chewing animals
 (51) Int. Cl.
A23L 33/14 (2016.01)
A23K 10/18 (2016.01)
A23K 50/10 (2016.01)
A23K 50/75 (2016.01)

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 (72) AUCLAIR, Eric; JULIEN, Christine; MARDEN, Jean-Philippe
 (74) FPA Patent Attorneys Pty Ltd

(71) Lone Gull Holdings, Ltd.
 (11) AU-A-2024267050
 (21) 2024267050 (22) 29.11.2024
 (54) Inertial hydrodynamic pump and wave engine
 (51) Int. Cl.
C25B 1/04 (2021.01)
B63B 1/00 (2006.01)
C02F 1/46 (2023.01)
F04B 17/00 (2006.01)

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 (72) SHELDON-COULSON, Garth Alexander; MOFFAT, Brian Lee; PLACE, Daniel William; THORSON, Ivar Lee
 (74) Pearce IP Pty Ltd

(71) LUTZ, T.
 (11) AU-A-2024266998
 (21) 2024266998 (22) 28.11.2024
 (54) Systems and methods for de-oxygenation of a closed container
 (51) Int. Cl.
B65D 81/26 (2006.01)
B65D 39/00 (2006.01)
B65D 51/24 (2006.01)

(43) 19.12.2024
 (62) 2022211853
 (72) LUTZ, Thomas R.; LUTZ, Michelle
 (74) Griffith Hack

(71) Magnosco GmbH
 (11) AU-A-2024203656
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 (54) A dermoscopic pattern analysis tool with human intervention
 (51) Int. Cl.
A61B 5/103 (2006.01)
G06T 7/00 (2017.01)
 (31) 23176655.1 (32) 01.06.23 (33) EP
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 (72) SZYC, Lukasz; DRONNIK, Eduard
 (74) Integrated IP

(71) MAKO Surgical Corp.
 (11) AU-A-2024267007
 (21) 2024267007 (22) 28.11.2024
 (54) TECHNIQUES FOR DETECTING ERRORS OR LOSS OF ACCURACY IN A SURGICAL ROBOTIC SYSTEM
 (51) Int. Cl.
B25J 9/16 (2006.01)
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 (62) 2023285981
 (72) Dozeman, Michael Dale
 (74) Davies Collison Cave Pty Ltd

(71) MasterCard International Incorporated
 (11) AU-A-2024266983
 (21) 2024266983 (22) 28.11.2024
 (54) Systems and methods for use in authenticating users to accounts in connection with network transactions
 (51) Int. Cl.
G06Q 20/38 (2012.01)
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 (72) KIRBY, Aaron; BRYSON, Brandon Craig
 (74) Davies Collison Cave Pty Ltd

(71) Matterport, Inc.
 (11) AU-A-2024278096
 (21) 2024278096 (22) 04.12.2024
 (54) System and method of capturing and generating panoramic three-dimensional images
 (51) Int. Cl.
G03B 37/02 (2021.01)
G02B 5/08 (2006.01)
 (43) 19.12.2024
 (62) 2024201887
 (72) GAUSEBECK, David Alan; STROMBERG, Kirk; MARZANO, Louis D.; PROCTOR, David; SAKAKIBARA, Naoto; TRIEU, Simeon; KANE, Kevin; WYNN, Simon
 (74) Spruson & Ferguson

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 (54) System and method of capturing and generating panoramic three-dimensional images
 (51) Int. Cl.
G03B 37/02 (2021.01)
G02B 5/08 (2006.01)
 (43) 19.12.2024
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 (72) GAUSEBECK, David Alan; STROMBERG, Kirk; MARZANO, Louis D.; PROCTOR, David; SAKAKIBARA, Naoto; TRIEU, Simeon; KANE, Kevin; WYNN, Simon
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(71) MAX CO., LTD.
 (11) AU-A-2024203682
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(54) REFILL
 (51) Int. Cl.
B27F 7/38 (2006.01)
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 (72) SHINDO, Takushi; KAMEDA, Futoshi; KISHI, Kazuhiko
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(71) Metso Metals Oy
 (11) AU-A-2024267028
 (21) 2024267028 (22) 29.11.2024
 (54) Cyclone separator arrangement
 (51) Int. Cl.
B04C 5/04 (2006.01)
B01D 53/24 (2006.01)
B01J 8/00 (2006.01)
B01J 8/24 (2006.01)
B04C 5/081 (2006.01)
B04C 5/103 (2006.01)
B04C 9/00 (2006.01)
F23J 15/02 (2006.01)
 (43) 19.12.2024
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 (72) MADUTA, Robert; STURM, Peter; PER-ANDER, Linus; BEISHEIM, Theodor
 (74) Griffith Hack

(71) MILWAUKEE ELECTRIC TOOL CORPORATION
 (11) AU-A-2024267094
 (21) 2024267094 (22) 02.12.2024
 (54) POWER SUPPLY INCLUDING MODULAR CHARGING MODULES
 (51) Int. Cl.
H02J 7/00 (2006.01)
H02J 5/00 (2016.01)
 (43) 19.12.2024
 (62) 2023201913
 (72) BROCHTRUP, David; SABOURY, Justin; NAGAL, Vivek
 (74) Griffith Hack

(71) Nanjing University Research Institute (Changshu) Co., Ltd.
 (11) AU-A-2024200802
 (21) 2024200802 (22) 08.02.2024
 (54) Periphytic Algae Filter Membrane System For Water Body Purification
 (51) Int. Cl.
C02F 3/32 (2023.01)
C02F 1/66 (2023.01)
C02F 101/16 (2006.01)
C02F 103/00 (2006.01)
 (31) 2023106259108 (32) 30.05.23 (33) CN
 (43) 19.12.2024
 (72) AN, Shuqing; XIN, Fei; ZHU, Zhengjie; BU, Hongyi; YANG, Tangwu; FU, Haifeng; ZHANG, Xuanbo
 (74) WRAYS PTY LTD

(71) NANOEAR CORPORATION, INC.
 (11) AU-A-2024270617

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 (54) Compact hearing aids
 (51) Int. Cl.
H04R 25/00 (2006.01)
 (43) 19.12.2024
 (62) 2021374559
 (72) MOORE, Michael M.; MIRCHANDANI, Smruti; MENZEL, Christoph
 (74) GLMR

(71) National Oilwell Varco, LP.
 (11) AU-A-2024270621
 (21) 2024270621 (22) 03.12.2024
 (54) Drill bit cutter elements and drill bits including same
 (51) Int. Cl.
E21B 10/42 (2006.01)
E21B 10/567 (2006.01)
 (43) 19.12.2024
 (62) 2020379658
 (72) RAHMANI, Reza; GRAHAM, Ryan Basson
 (74) FPA Patent Attorneys Pty Ltd

(71) NAVICO, INC.
 (11) AU-A-2024203370
 (21) 2024203370 (22) 21.05.2024
 (54) AUGMENTED REALITY INFORMATION FOR A MARINE ENVIRONMENT
 (51) Int. Cl.
G01C 21/00 (2006.01)
G01C 21/20 (2006.01)
G06T 19/00 (2011.01)
 (31) 18/457620 (32) 29.08.23 (33) US 23425027.2 29.05.23 EP
 (43) 19.12.2024
 (72) CECCHINI, Massimiliano; MATTEUCCI, Maurizio; KARAYIANNI, Demitri Andreas
 (74) AJ PARK

(71) Netflix, Inc.
 (11) AU-A-2024266922
 (21) 2024266922 (22) 27.11.2024
 (54) Systems and methods for adaptive streaming of multimedia content
 (51) Int. Cl.
H04N 21/2343 (2011.01)
H04N 21/234 (2011.01)
H04N 21/2381 (2011.01)
H04N 21/2385 (2011.01)
H04N 21/239 (2011.01)
H04N 21/2662 (2011.01)
 (43) 19.12.2024
 (62) 2019380410
 (72) SHARMA, Sean; DU PONTAVICE, Guillaume
 (74) FPA Patent Attorneys Pty Ltd

(71) Newman Products, LLC
 (11) AU-A-2024267095
 (21) 2024267095 (22) 02.12.2024
 (54) Multi-Tool Device
 (51) Int. Cl.
B25F 1/04 (2006.01)
B25F 1/00 (2006.01)
B25F 1/02 (2006.01)

B25G 1/08 (2006.01)
 (43) 19.12.2024
 (62) 2018321843
 (72) NEWMAN, Michael Scott
 (74) Dennemeyer & Associates

(71) NEW-TEC INTEGRATION (XIAMEN) CO., LTD.
 (11) AU-A-2024267082
 (21) 2024267082 (22) 02.12.2024
 (54) FOLDABLE PLASTIC-STEEL CHAIR
 (51) Int. Cl.
A47C 4/04 (2006.01)
 (43) 19.12.2024
 (62) 2021353224
 (72) LENG, Luhao
 (74) Remarkable IP

(71) N-Gen Research Laboratories, Inc.
 (11) AU-A-2024266953
 (21) 2024266953 (22) 28.11.2024
 (54) Methods for treating NASH and for preventing NASH-induced HCC
 (51) Int. Cl.
A61K 31/444 (2006.01)
A61P 35/00 (2006.01)
 (43) 19.12.2024
 (62) 2018282124
 (72) Febbraio, Mark Anthony; Mandl, Jozsef
 (74) FPA Patent Attorneys Pty Ltd

(71) NKT HV Cables AB
 (11) AU-A-2024203358
 (21) 2024203358 (22) 21.05.2024
 (54) DC power cable system comprising a repeater
 (51) Int. Cl.
H01B 11/22 (2006.01)
G02B 6/02 (2006.01)
 (31) 23176483.8 (32) 31.05.23 (33) EP
 (43) 19.12.2024
 (72) GUSTAFSSON, Kristian; WORZYK, Thomas
 (74) Griffith Hack

(71) Nokia Technologies Oy
 (11) AU-A-2024267025
 (21) 2024267025 (22) 29.11.2024
 (54) User equipment operation during an inactive state
 (51) Int. Cl.
H04W 72/04 (2023.01)
 (43) 19.12.2024
 (62) 2021301062
 (72) KIILERICH PRATAS, Nuno Manuel; ROSA, Claudio; LASELVA, Daniela
 (74) Spruson & Ferguson

(71) nthalmic holding Pty Ltd; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd
 (11) AU-A-2024267052
 (21) 2024267052 (22) 29.11.2024
 (54) Apparatus and methods of ancillary spectacle kit solution for myopia management
 (51) Int. Cl.

G02C 7/08 (2006.01)
 (43) 19.12.2024
 (62) 2023203328
 (72) BAKARAJU, Ravi Chandra
 (74) FPA Patent Attorneys Pty Ltd

nthalmic holding Pty Ltd see Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd
 (21) 2024266956

(71) NTT DOCOMO, INC.
 (11) AU-A-2024267059
 (21) 2024267059 (22) 29.11.2024
 (54) Audio coding device, audio coding method, audio coding program, audio decoding device, audio decoding method, and audio decoding program
 (51) Int. Cl.
G10L 19/005 (2013.01)
G10L 19/00 (2013.01)
G10L 19/09 (2013.01)
H03M 7/30 (2006.01)
 (43) 19.12.2024
 (62) 2023208191
 (72) TSUTSUMI, Kimitaka; KIKUIRI, Kei; YAMAGUCHI, Atsushi
 (74) Spruson & Ferguson

(71) Oakley, Inc.
 (11) AU-A-2024203730
 (21) 2024203730 (22) 03.06.2024
 (54) Protective water headwear
 (51) Int. Cl.
A41D 13/012 (2006.01)
A41D 13/015 (2006.01)
A41D 13/05 (2006.01)
 (31) 63/506,333 (32) 05.06.23 (33) US
 (43) 19.12.2024
 (72) NORVELL, Bryan; DE LA ROSA, Veronica; GARFIAS, Nicolas Adolfo; MEUNIER, Benjamin John
 (74) Davies Collison Cave Pty Ltd

(71) Ohio State Innovation Foundation
 (11) AU-A-2024220083
 (21) 2024220083 (22) 25.09.2024
 (54) TISSUE FACTOR-TARGETING CAR-NK AND CAR-T CELL THERAPY
 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 35/26 (2015.01)
A61K 38/36 (2006.01)
C07K 14/745 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/07 (2006.01)
C12N 15/62 (2006.01)
 (43) 19.12.2024
 (62) 2018341227
 (72) HU, Zhiwei
 (74) RNB IP PTY LTD

(71) OJO Labs, Inc.
 (11) AU-A-2024267023
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(54) MACHINE LEARNING OF RESPONSE SELECTION TO STRUCTURED DATA INPUT INCLUDING MOMENTUM CLASSIFICATION
 (51) Int. Cl.
G06Q 30/02 (2023.01)
G06F 40/186 (2020.01)
 (43) 19.12.2024
 (62) 2020417756
 (72) LEVY, Joshua Howard; TAYLOR, Alexa Breann Eun; REED, Coke
 (74) James & Wells Intellectual Property

(71) Opex Corporation
 (11) AU-A-2024266926
 (21) 2024266926 (22) 27.11.2024
 (54) Method and apparatus for sorting or retrieving items
 (51) Int. Cl.
B65G 1/04 (2006.01)
B65G 1/06 (2006.01)
B65G 1/137 (2006.01)
 (43) 19.12.2024
 (62) 2022204623
 (72) Dewitt, Robert R.; Chezik, Peter M.; Valinsky, Joseph; Stahl, Ola; Kartik, S.
 (74) Davies Collison Cave Pty Ltd

(71) Osaka University
 (11) AU-A-2024266968
 (21) 2024266968 (22) 28.11.2024
 (54) Astatine solution and method for producing same
 (51) Int. Cl.
A61K 51/00 (2006.01)
A61K 9/08 (2006.01)
A61K 47/22 (2006.01)
A61P 5/14 (2006.01)
A61P 35/00 (2006.01)
 (43) 19.12.2024
 (62) 2018395495
 (72) SHIRAKAMI, Yoshifumi; WATABE, Tadaashi; KANEDA, Kazuko; SHIMOSE-GAWA, Eku; SHINOHARA, Atsushi; HATAZAWA, Jun
 (74) FPA Patent Attorneys Pty Ltd

(71) Owens-Brockway Glass Container Inc.
 (11) AU-A-2024267104
 (21) 2024267104 (22) 02.12.2024
 (54) System for preheating glass melting furnace batch materials
 (51) Int. Cl.
C03B 3/02 (2006.01)
 (43) 19.12.2024
 (62) 2019211149
 (72) FAYERWEATHER, Carl L.; GAERKE, Dale A.; ROTH, Robert
 (74) Spruson & Ferguson

(71) Patients Pending Ltd.
 (11) AU-A-2024267065
 (21) 2024267065 (22) 29.11.2024
 (54) CAP DEVICES, SYSTEMS, AND METHODS FOR LIQUID DELIVERY DEVICES
 (51) Int. Cl.

A61M 5/315 (2006.01)
A61M 5/145 (2006.01)
A61M 5/31 (2006.01)
A61M 5/32 (2006.01)
 (43) 19.12.2024
 (62) 2018416009
 (72) LIVINGSTON, Adam Joseph; LOVE, John Christian; CROTHALL, George; BARGHINI, Anthony David; JOHNSON, Jeffrey Michael; TRAN, Tinh Thanh
 (74) Dark IP

(71) PEARLSINMIRES CO., LTD.
 (11) AU-A-2024259837
 (21) 2024259837 (22) 08.11.2024
 (54) ADP-ribose binding peptide having anti-cancer activity and use thereof
 (51) Int. Cl.
C07K 14/00 (2006.01)
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
C07H 19/207 (2006.01)
 (43) 19.12.2024
 (62) 2022338621
 (72) JEONG, Keun-Yeong; PARK, Min Hee
 (74) FPA Patent Attorneys Pty Ltd

(71) Pfizer Inc.
 (11) AU-A-2024266909
 (21) 2024266909 (22) 26.11.2024
 (54) SELECTIVELY VENTED BIOLOGICAL ASSAY DEVICES AND ASSOCIATED METHODS
 (51) Int. Cl.
A61J 1/14 (2023.01)
B01D 33/35 (2006.01)
B01L 3/00 (2006.01)
C12M 1/34 (2006.01)
F16K 24/04 (2006.01)
G01N 7/10 (2006.01)
 (43) 19.12.2024
 (62) 2022263544
 (72) Mitra, Debkishore; Myers III, Frank B.; Waldeisen, John Robert; Dimov, Ivan Krastev
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Plowright, B.
 (11) AU-A-2023248214
 (21) 2023248214 (22) 15.10.2023
 (54) Waist Wire Feeder
 (51) Int. Cl.
B65H 51/18 (2006.01)
A45F 5/02 (2006.01)
B25B 11/00 (2006.01)
H02G 1/00 (2006.01)
 (31) 2023901698 (32) 30.05.23 (33) AU
 (43) 19.12.2024
 (72) Plowright, Broden
 (74) Broden Barry Plowright

(71) POLYBEE PTE. LTD.
 (11) AU-A-2024266942
 (21) 2024266942 (22) 27.11.2024
 (54) METHOD AND SYSTEM FOR POLLINATION

(51) Int. Cl.
A01H 1/02 (2006.01)
B64C 39/02 (2023.01)
 (43) 19.12.2024
 (62) 2021383065
 (72) JADHAV SIDDHARTH SUNIL, Siddharth Sunil
 (74) Koch IP Pty Ltd

(71) Precision Planting LLC
 (11) AU-A-2024266961
 (21) 2024266961 (22) 28.11.2024
 (54) AGRICULTURAL SAMPLING SYSTEM AND RELATED METHODS
 (51) Int. Cl.
G01N 1/08 (2006.01)
G01N 1/02 (2006.01)
G01N 1/38 (2006.01)
G01N 1/40 (2006.01)
G01N 21/00 (2006.01)
G01N 33/24 (2006.01)
G01N 35/00 (2006.01)
G01N 35/10 (2006.01)
 (43) 19.12.2024
 (62) 2019301961
 (72) SWANSON, Todd; KOCH, Dale; LEVY, Kent; O'NEALL, Matthew; SPLECHTER, Hayden; HARMAN, Reid; VACCARI, Adam; SCHAEFER, Timothy
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024266971
 (21) 2024266971 (22) 28.11.2024
 (54) AGRICULTURAL SAMPLING SYSTEM AND RELATED METHODS
 (51) Int. Cl.
G01N 1/08 (2006.01)
G01N 1/02 (2006.01)
G01N 1/38 (2006.01)
G01N 1/40 (2006.01)
G01N 21/00 (2006.01)
G01N 33/24 (2006.01)
G01N 35/00 (2006.01)
G01N 35/10 (2006.01)
 (43) 19.12.2024
 (62) 2019301961
 (72) SWANSON, Todd; KOCH, Dale; LEVY, Kent; O'NEALL, Matthew; SPLECHTER, Hayden; HARMAN, Reid; VACCARI, Adam; SCHAEFER, Timothy
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024266976
 (21) 2024266976 (22) 28.11.2024
 (54) AGRICULTURAL SAMPLING SYSTEM AND RELATED METHODS
 (51) Int. Cl.
G01N 1/08 (2006.01)
G01N 1/02 (2006.01)
G01N 1/38 (2006.01)
G01N 1/40 (2006.01)
G01N 21/00 (2006.01)
G01N 33/24 (2006.01)
G01N 35/00 (2006.01)
G01N 35/10 (2006.01)

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(43) 19.12.2024
 (62) 2019301961
 (72) SWANSON, Todd; KOCH, Dale;
 LEVY, Kent; O'NEALL, Matthew;
 SPLECHTER, Hayden; HARMAN,
 Reid; VACCARI, Adam; SCHAEFER,
 Timothy
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024266980
 (21) 2024266980 (22) 28.11.2024
 (54) AGRICULTURAL SAMPLING SYSTEM
 AND RELATED METHODS
 (51) Int. Cl.
 G01N 1/08 (2006.01)
 G01N 1/02 (2006.01)
 G01N 1/38 (2006.01)
 G01N 1/40 (2006.01)
 G01N 21/00 (2006.01)
 G01N 33/24 (2006.01)
 G01N 35/00 (2006.01)
 G01N 35/10 (2006.01)

(43) 19.12.2024
 (62) 2019301961
 (72) SWANSON, Todd; KOCH, Dale;
 LEVY, Kent; O'NEALL, Matthew;
 SPLECHTER, Hayden; HARMAN,
 Reid; VACCARI, Adam; SCHAEFER,
 Timothy
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024266982
 (21) 2024266982 (22) 28.11.2024
 (54) AGRICULTURAL SAMPLING SYSTEM
 AND RELATED METHODS
 (51) Int. Cl.
 G01N 1/08 (2006.01)
 G01N 1/02 (2006.01)
 G01N 1/38 (2006.01)
 G01N 1/40 (2006.01)
 G01N 21/00 (2006.01)
 G01N 33/24 (2006.01)
 G01N 35/00 (2006.01)
 G01N 35/10 (2006.01)

(43) 19.12.2024
 (62) 2019301961
 (72) SWANSON, Todd; KOCH, Dale;
 LEVY, Kent; O'NEALL, Matthew;
 SPLECHTER, Hayden; HARMAN,
 Reid; VACCARI, Adam; SCHAEFER,
 Timothy
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024266984
 (21) 2024266984 (22) 28.11.2024
 (54) AGRICULTURAL SAMPLING SYSTEM
 AND RELATED METHODS
 (51) Int. Cl.
 G01N 1/08 (2006.01)
 G01N 1/02 (2006.01)
 G01N 1/38 (2006.01)
 G01N 1/40 (2006.01)
 G01N 21/00 (2006.01)
 G01N 33/24 (2006.01)
 G01N 35/00 (2006.01)
 G01N 35/10 (2006.01)

(43) 19.12.2024
 (62) 2019301961
 (72) SWANSON, Todd; KOCH, Dale;
 LEVY, Kent; O'NEALL, Matthew;
 SPLECHTER, Hayden; HARMAN,
 Reid; VACCARI, Adam; SCHAEFER,
 Timothy
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024266989
 (21) 2024266989 (22) 28.11.2024
 (54) AGRICULTURAL SAMPLING SYSTEM
 AND RELATED METHODS
 (51) Int. Cl.
 G01N 1/08 (2006.01)
 G01N 1/02 (2006.01)
 G01N 1/38 (2006.01)
 G01N 1/40 (2006.01)
 G01N 21/00 (2006.01)
 G01N 33/24 (2006.01)
 G01N 35/00 (2006.01)
 G01N 35/10 (2006.01)

(43) 19.12.2024
 (62) 2019301961
 (72) SWANSON, Todd; KOCH, Dale;
 LEVY, Kent; O'NEALL, Matthew;
 SPLECHTER, Hayden; HARMAN,
 Reid; VACCARI, Adam; SCHAEFER,
 Timothy
 (74) Griffith Hack

(71) Precision Planting LLC
 (11) AU-A-2024267035
 (21) 2024267035 (22) 29.11.2024
 (54) APPARATUSES FOR SOIL AND SEED
 MONITORING
 (51) Int. Cl.
 A01C 5/06 (2006.01)
 A01B 15/08 (2006.01)
 A01B 79/00 (2006.01)

(43) 19.12.2024
 (62) 2020423609
 (72) HODEL, Jeremy; STRNAD, Michael
 (74) Griffith Hack

(71) Premier Scaffolds Pty Ltd
 (11) AU-A-2024219420
 (21) 2024219420 (22) 05.09.2024
 (54) Electrically insulating scaffolding as-
 sembly and components therefor
 (51) Int. Cl.
 E04G 7/28 (2006.01)
 E04G 1/02 (2006.01)
 E04G 5/08 (2006.01)
 E04G 7/20 (2006.01)
 E04G 7/22 (2006.01)
 E04G 7/24 (2006.01)

(43) 19.12.2024
 (62) 2024216394
 (72) CONIAS, Mark
 (74) FOUNDRY INTELLECTUAL PROP-
 ERTY PTY LTD

(71) PRESTON, J.C.
 (11) AU-A-2024267042
 (21) 2024267042 (22) 29.11.2024

(54) METHOD OF ERECTING A MULTI-
 STOREY STRUCTURE AND FACADE
 (51) Int. Cl.
 E04C 2/30 (2006.01)
 E04B 2/90 (2006.01)
 E04G 21/32 (2006.01)
 E04H 6/08 (2006.01)
 (43) 19.12.2024
 (62) 2019316713
 (72) PRESTON, John Clement
 (74) Griffith Hack

(71) Process Systems Pty Ltd
 (11) AU-A-2023203474
 (21) 2023203474 (22) 02.06.2023
 (54) A fluid level measuring device for
 measuring a fluid level in a reservoir
 (51) Int. Cl.
 G01F 23/02 (2006.01)
 F22B 37/78 (2006.01)
 F22B 37/44 (2006.01)
 (43) 19.12.2024
 (72) GRIFFITHS, Ryan
 (74) Spruson & Ferguson

(71) PyroGenesis Canada Inc.
 (11) AU-A-2024266947
 (21) 2024266947 (22) 27.11.2024
 (54) METHOD AND APPARATUS FOR
 THE PRODUCTION OF HIGH PURITY
 SPHERICAL METALLIC POWDERS
 FROM A MOLTEN FEEDSTOCK
 (51) Int. Cl.
 B22F 9/14 (2006.01)
 B22F 9/18 (2006.01)
 (43) 19.12.2024
 (62) 2019239776
 (72) ALLARD, Bernard; CARABIN, Pierre;
 DORVAL DION, Christopher Alex;
 PROULX, François; MARDAN, Milad
 (74) Franke Hyland Pty Ltd

(71) R&D Engineering A/S
 (11) AU-A-2024203538
 (21) 2024203538 (22) 28.05.2024
 (54) Method of designing a bolted joint
 (51) Int. Cl.
 G01L 5/24 (2006.01)
 G01L 5/04 (2006.01)
 (31) EP23177051.2 (32) 02.06.23 (33) EP
 (43) 19.12.2024
 (72) Nielsen, Flemming Selmer; Stokbæk,
 Jesper; Nybo, Jens Vestergaard
 (74) Davies Collison Cave Pty Ltd

(71) Radwisp Pte. Ltd.; Mediott Co., Ltd.
 (11) AU-A-2024267070
 (21) 2024267070 (22) 30.11.2024
 (54) Diagnostic support program
 (51) Int. Cl.
 A61B 6/00 (2006.01)
 A61B 6/03 (2006.01)
 (43) 19.12.2024
 (62) 2019205878
 (72) ABE, Takehiko; YOSHIDA, Norifumi
 (74) Davies Collison Cave Pty Ltd

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(71) Rady Children's Hospital Research Center
 (11) AU-A-2024266782
 (21) 2024266782 (22) 21.11.2024
 (54) Method and system for rapid genetic analysis
 (51) Int. Cl.
 G16B 20/00 (2019.01)
 G16B 45/00 (2019.01)
 G16B 50/00 (2019.01)
 (43) 19.12.2024
 (62) 2019255773
 (72) KINGSMORE, Stephen; VEER-ARAGHAVAN, Narayanan; CLARK, Michelle Marie
 (74) FB Rice Pty Ltd

(71) Reata Pharmaceuticals, Inc.
 (11) AU-A-2024267017
 (21) 2024267017 (22) 29.11.2024
 (54) BIARYL AMIDES WITH MODIFIED SUGAR GROUPS FOR TREATMENT OF DISEASES ASSOCIATED WITH HEAT SHOCK PROTEIN PATHWAY
 (51) Int. Cl.
 C07H 15/203 (2006.01)
 A61K 31/7034 (2006.01)
 A61P 3/10 (2006.01)
 A61P 25/02 (2006.01)
 C07D 309/06 (2006.01)
 C07H 1/00 (2006.01)
 (43) 19.12.2024
 (62) 2019271126
 (72) JIANG, Xin; VISNICK, Melean; BENDER, Christopher F.; BOLTON, Gary; CAPRATHE, Bradley; LEE, Chitase
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2024266951
 (21) 2024266951 (22) 28.11.2024
 (54) METHODS AND SYSTEMS FOR CHROMATOGRAPHY DATA ANALYSIS
 (51) Int. Cl.
 G01N 30/86 (2006.01)
 G01N 30/88 (2006.01)
 (43) 19.12.2024
 (62) 2022246438
 (72) Mao, Nathan; Shierly, Eric; Schilling, Bernhard; Carver, Scott; McDermott, Stefanie; Mattila, John; Bak, Hanne
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2024267051
 (21) 2024267051 (22) 29.11.2024
 (54) NON-HUMAN ANIMALS COMPRISING A HUMANIZED ASGR1 LOCUS
 (51) Int. Cl.
 A01K 67/027 (2006.01)
 C07K 14/705 (2006.01)
 C12N 15/86 (2006.01)
 (43) 19.12.2024
 (62) 2018295358
 (72) Mujica, Alexander O.; Gusarova, Viktoria; Wang, Cheng; Kyratsous, Christos;

Potocky, Terra; Cygnar, Katherine; Martin, Joel
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Research Triangle Institute
 (11) AU-A-2023203890
 (21) 2023203890 (22) 20.06.2023
 (54) Method For The Capture Of Carbon Dioxide Using Oxyfluoride Physisorbents
 (51) Int. Cl.
 B01J 20/22 (2006.01)
 B01D 53/02 (2006.01)
 B01J 20/02 (2006.01)
 C07F 15/04 (2006.01)
 (31) 18/205.314 (32) 02.06.23 (33) US
 (43) 19.12.2024
 (72) O'NOLAN, Daniel; SOUKRI, Mustapha
 (74) WRAYS PTY LTD

(71) Research Triangle Institute
 (11) AU-A-2024266946
 (21) 2024266946 (22) 27.11.2024
 (54) Internal Combustion Engine As A Chemical Reactor To Produce Synthesis Gas From Hydrocarbon Feeds
 (51) Int. Cl.
 F02D 41/14 (2006.01)
 C01B 3/36 (2006.01)
 F02B 39/10 (2006.01)
 F02D 41/00 (2006.01)
 F02M 31/135 (2006.01)
 F02P 5/15 (2006.01)
 (43) 19.12.2024
 (62) 2018342064
 (72) CARPENTER III, John Reeves; BARBEE, David Douglas; AGARWAL, Apoorv
 (74) WRAYS PTY LTD

(71) RIDGIDIDGE (NQ) Pty Ltd
 (11) AU-A-2024203752
 (21) 2024203752 (22) 04.06.2024
 (54) ANIMAL TREATMENT APPARATUS AND METHOD
 (51) Int. Cl.
 A61L 15/28 (2006.01)
 A61L 15/58 (2006.01)
 A61L 15/60 (2006.01)
 (31) 2023901765 (32) 04.06.23 (33) AU
 2023902260 14.07.23 AU
 (43) 19.12.2024
 (72) Keough, Robert James
 (74) TJIP Patents, Trade Marks & Designs

(71) Riordan, M.
 (11) AU-A-2024266974
 (21) 2024266974 (22) 28.11.2024
 (54) Cryotherapy and Compression Sleeve and Methods of Use
 (51) Int. Cl.
 A61F 7/00 (2006.01)
 A61F 7/02 (2006.01)
 A61F 13/06 (2006.01)
 (43) 19.12.2024
 (62) 2023200125
 (72) Riordan, Michael
 (74) James & Wells Intellectual Property

(71) Rite-Hite Holding Corporation
 (11) AU-A-2024266986
 (21) 2024266986 (22) 28.11.2024
 (54) Curtain Assemblies Or Seals For Dock Levelers
 (51) Int. Cl.
 B65G 69/28 (2006.01)
 (43) 19.12.2024
 (62) 2021210966
 (72) HENNING, Bruce; THOLE, Collin; HEIM, Frank
 (74) WRAYS PTY LTD

(71) S&A Group Holdings Limited
 (11) AU-A-2024203470
 (21) 2024203470 (22) 24.05.2024
 (54) A mobile autonomous agricultural system
 (51) Int. Cl.
 A01B 69/00 (2006.01)
 A01D 46/20 (2006.01)
 A01D 46/30 (2006.01)
 A01D 75/18 (2006.01)
 A01D 75/28 (2006.01)
 B66F 9/06 (2006.01)
 (31) 2308251.4 (32) 02.06.23 (33) GB
 (43) 19.12.2024
 (72) PALMER, Edward John Francis; PERRETT, Daniel John Owen; SMITH, Oliver Edward
 (74) FB Rice Pty Ltd

(71) Safetylink Pty Ltd
 (11) AU-A-2024203365
 (21) 2024203365 (22) 21.05.2024
 (54) Roof Mounted Clamp Assembly
 (51) Int. Cl.
 E04G 21/32 (2006.01)
 A62B 35/00 (2006.01)
 F24S 25/60 (2018.01)
 H02S 20/23 (2014.01)
 H02S 20/30 (2014.01)
 (31) 2023901668 (32) 29.05.23 (33) AU
 (43) 19.12.2024
 (72) Ratalino, Oscar William
 (74) Clark Intellectual Property Pty Ltd

(71) Sage Products, LLC
 (11) AU-A-2024267002
 (21) 2024267002 (22) 28.11.2024
 (54) Devices and Systems for Urine Collection
 (51) Int. Cl.
 A61F 5/453 (2006.01)
 (43) 19.12.2024
 (62) 2024201019
 (72) ECKLUND, Brian J.; SEXTON, Kristin M.; KEA, Alex D.; ULREICH, Daniel R.
 (74) Davies Collison Cave Pty Ltd

(71) Schneider Electric (Australia) Pty Limited
 (11) AU-A-2024203678
 (21) 2024203678 (22) 31.05.2024

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- (54) ELECTRICAL ENCLOSURE FOR ELECTRICAL SWITCHGEAR
- (51) Int. Cl.
H01H 33/02 (2006.01)
H01H 9/30 (2006.01)
H01H 33/60 (2006.01)
H01H 33/70 (2006.01)
H02B 1/28 (2006.01)
H02B 13/02 (2006.01)
- (31) 2023901737 (32) 01.06.23 (33) AU
(43) 19.12.2024
- (72) Booth, Hamish; Fernando, James Sohan Kevin; Squires, Adrian John; Novoselov, Alexey
- (74) Madderns Pty Ltd
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- (71) SDG, Inc.
(11) AU-A-2024266969
(21) 2024266969 (22) 28.11.2024
- (54) Compositions comprising lipid-based nanoparticles for treating diabetes mellitus
- (51) Int. Cl.
A61K 9/51 (2006.01)
A61K 8/11 (2006.01)
A61K 9/127 (2006.01)
A61K 38/28 (2006.01)
A61K 47/28 (2006.01)
A61P 3/10 (2006.01)
- (43) 19.12.2024
(62) 2019205795
- (72) GEHO, W. Blair
- (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Seawright, W.
(11) AU-A-2024203769
(21) 2024203769 (22) 04.06.2024
- (54) MOUNTING SYSTEMS
- (51) Int. Cl.
B65G 21/20 (2006.01)
B65G 21/22 (2006.01)
- (31) 2023901764 (32) 04.06.23 (33) AU
(43) 19.12.2024
- (72) Seawright, William
- (74) TJIP Patents, Trade Marks & Designs
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- (71) Seiko Epson Corporation
(11) AU-A-2024267045
(21) 2024267045 (22) 29.11.2024
- (54) Ink refill container, ink refill system, and ink refill adapter
- (51) Int. Cl.
B41J 2/175 (2006.01)
- (43) 19.12.2024
(62) 2022246375
- (72) Mizutani, Tadahiro; Tanaka, Ryoichi; Akahane, Manabu; Kobayashi, Makoto; Kimura, Naomi; Okumura, Hideki; Kudo, Shoma; Takamoto, Tetsuya; Sakai, Hiroaki
- (74) Davies Collison Cave Pty Ltd
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- (71) SEI MANUFACTURING INC.
(11) AU-A-2024203536
(21) 2024203536 (22) 28.05.2024
- (54) A SUSPENSION AND CONTROL HEAD APPARATUS FOR AERIAL FIREFIGHTING BUCKETS
- (51) Int. Cl.
B66D 1/36 (2006.01)
A62C 3/02 (2006.01)
A62C 31/00 (2006.01)
A62C 31/28 (2006.01)
B64D 1/16 (2006.01)
- (31) 63/469,514 (32) 29.05.23 (33) US
(43) 19.12.2024
- (72) Arney, Donal
- (74) AJ Pietras IP Limited
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- (71) SHANDONG UXG BEARING MANUFACTURING CO., LTD.
(11) AU-A-2023229468
(21) 2023229468 (22) 15.08.2023
- (54) LOADING AND UNLOADING SYSTEM FOR BEARING ROLLER LATHE, AND EQUIPMENT THEREOF
- (51) Int. Cl.
B23B 25/00 (2006.01)
- (31) 202310645533.4 (32) 31.05.23 (33) CN
(43) 19.12.2024
- (72) SHENG, Chengwei; CAI, Meigui; CHEN, Mingxing; LIN, Wenlong; CAI, Yuquan; ZHANG, Qingxiao
- (74) Collison & Co
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- (71) Shango Pty Ltd
(11) AU-A-2024203410
(21) 2024203410 (22) 22.05.2024
- (54) A SYSTEM FOR RECORDING AND CONSTRUCTING A SEMIOTIC WAGERING/AGREEMENT
- (51) Int. Cl.
G06Q 50/34 (2012.01)
G06Q 10/101 (2023.01)
G06Q 20/02 (2012.01)
G06Q 50/00 (2012.01)
G06Q 50/18 (2012.01)
- (31) 2023901675 (32) 29.05.23 (33) AU
(43) 19.12.2024
- (72) O'Hanlon, Finbar; Tane von Kanel, Alexander; Lesage, Andrew; Steven Par-ton, Neil; Rowland, Kevin
- (74) Alder IP Pty Ltd
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- (71) Shenzhen Hithium Energy Storage Technology Co., Ltd.; Xiamen Hithium Energy Storage Technology Co., Ltd.
(11) AU-A-2023278087
(21) 2023278087 (22) 07.12.2023
- (54) Energy Storage Device And Electric Device
- (51) Int. Cl.
H01M 50/533 (2021.01)
H01M 50/244 (2021.01)
H01M 50/536 (2021.01)
- (31) 202310635163.6 (32) 31.05.23 (33) CN
(43) 19.12.2024
- (72) XIONG, Yongfeng; CHEN, Zhixiong; HUANG, Lixuan
- (74) WRAYS PTY LTD
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- (71) Shenzhen Jerez Fireplace Co., Ltd.
(11) AU-A-2023204270
(21) 2023204270 (22) 03.07.2023
- (54) WATER VAPOR FIREPLACE
- (51) Int. Cl.
H05B 3/32 (2006.01)
H05B 3/04 (2006.01)
- (31) 202310635022.4 (32) 31.05.23 (33) CN
(43) 19.12.2024
- (72) Huang, Pei
- (74) Alder IP Pty Ltd
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- (71) Sitesee Pty Ltd
(11) AU-A-2024267040
(21) 2024267040 (22) 29.11.2024
- (54) APPARATUS AND METHOD FOR THREE-DIMENSIONAL OBJECT RECOGNITION
- (51) Int. Cl.
G06V 20/64 (2022.01)
G06T 7/174 (2017.01)
G06T 7/55 (2017.01)
G06T 7/80 (2017.01)
- (43) 19.12.2024
(62) 2019349986
- (72) PICCOLI, Lucio; OPPERMAN, Laurie; MAHONEY, Patrick
- (74) James & Wells Intellectual Property
-
- (71) slennett-roberts, t.
(11) AU-A-2023202900
(21) 2023202900 (22) 29.05.2023
- (54) PROCESS OF A Robotic Aircraft Altitude Turret Vacuum Of Air Pollutants.
- (51) Int. Cl.
B64D 47/00 (2006.01)
- (43) 19.12.2024
- (72) slennett-roberts, trent
- (74) trent William slennett-roberts
-
- (71) slennett-roberts, t.
(11) AU-A-2023203338
(21) 2023203338 (22) 29.05.2023
- (54) Process of a Robotic Turret Vacuum of Air Pollutants.
- (51) Int. Cl.
B01D 46/00 (2022.01)
B01D 46/10 (2006.01)
- (43) 19.12.2024
- (72) slennett-roberts, trent
- (74) trent William slennett-roberts
-
- (71) Sliusenko, K.
(11) AU-A-2024203503
(21) 2024203503 (22) 26.05.2024
- (54) SmartBolt® Tension and Integrity Remote Monitoring System
- (51) Int. Cl.
G01M 11/08 (2006.01)
E21D 21/00 (2006.01)
E21D 21/02 (2006.01)
F16B 31/02 (2006.01)
G01J 3/50 (2006.01)
- (31) 2023901681 (32) 29.05.23 (33) AU
(43) 19.12.2024
- (72) Sliusenko, Kyrlyo
- (74) Kyrlyo Sliusenko

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(71) Snap-on Incorporated
 (11) AU-A-2024267012
 (21) 2024267012 (22) 28.11.2024
 (54) Impact mechanism for a hammer tool
 (51) Int. Cl.
 B25D 13/00 (2006.01)
 B25D 17/06 (2006.01)
 (43) 19.12.2024
 (62) 2023202341
 (72) BEER, Joshua M.
 (74) Griffith Hack

(71) Snap-on Incorporated
 (11) AU-A-2024267063
 (21) 2024267063 (22) 29.11.2024
 (54) Dead blow hammer head
 (51) Int. Cl.
 B25D 1/12 (2006.01)
 (43) 19.12.2024
 (62) 2022263613
 (72) BENDORF, Scott A.; ANDERSEN, Jonathan I.
 (74) Griffith Hack

(71) SoilPro Pty Ltd
 (11) AU-A-2024266973
 (21) 2024266973 (22) 28.11.2024
 (54) A POINT ELEMENT
 (51) Int. Cl.
 A01C 5/06 (2006.01)
 A01B 15/02 (2006.01)
 A01B 35/22 (2006.01)
 A01C 7/00 (2006.01)
 E02F 9/28 (2006.01)
 (43) 19.12.2024
 (62) 2019202210
 (72) GLENN, Michael; GLENN, Geoffrey
 (74) Integrated IP

(71) Southern Seawall Solutions Pty Limited
 (11) AU-A-2024266960
 (21) 2024266960 (22) 28.11.2024
 (54) IMPROVED CAISSON AND WALL ELEMENT SYSTEM AND METHOD AND APPARATUS FOR CONSTRUCTING SHORING WALLS
 (51) Int. Cl.
 E02D 23/08 (2006.01)
 E21B 7/00 (2006.01)
 E21B 7/20 (2006.01)
 E21B 10/00 (2006.01)
 E21B 10/32 (2006.01)
 (43) 19.12.2024
 (62) 2022271401,2024264601
 (72) MOLLOY, Anthony John
 (74) Halfords IP

(71) SPR Therapeutics, Inc.
 (11) AU-A-2024266975
 (21) 2024266975 (22) 28.11.2024
 (54) SYSTEMS FOR TREATMENT OF PAIN FOLLOWING AMPUTATION AND SURGICAL TISSUE REMOVAL
 (51) Int. Cl.
 A61N 1/05 (2006.01)

A61N 1/36 (2006.01)
 (43) 19.12.2024
 (62) 2018372811
 (72) BOGGS II, Joseph W.; CROSBY, Nathan D.; WONGSARNPIGOON, Amorn
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Stepan Company
 (11) AU-A-2024267030
 (21) 2024267030 (22) 29.11.2024
 (54) Esterquat compositions
 (51) Int. Cl.

C11D 1/38 (2006.01)
C11D 3/00 (2006.01)
C11D 3/30 (2006.01)
 (43) 19.12.2024
 (62) 2019300158
 (72) FAUNCE, James Anthony; BUTIKAS, Renata; BERNHARDT, Randall Jay; KOVACH, Elizabeth Sarah; GERMAIN, Teresa; WOLFE, Patrick Shane; ZAPOROWSKI, Leonard Frank; DAMESHEK, Anatoliy A.
 (74) Spruson & Ferguson

(71) Stryker Corporation
 (11) AU-A-2024267024
 (21) 2024267024 (22) 29.11.2024
 (54) Autonomous waste collection assembly and medical waste collection system and methods
 (51) Int. Cl.
 A61M 1/00 (2006.01)
 B60L 53/36 (2019.01)
 (43) 19.12.2024
 (62) 2018355224
 (72) REASONER, Stephen J.; STAATS, Andrew; MACLACHLAN, Brian; DOLLMAN, Tamitha M.
 (74) Davies Collison Cave Pty Ltd

(71) SunCoke Technology and Development LLC
 (11) AU-A-2024267083
 (21) 2024267083 (22) 02.12.2024
 (54) Foundry coke products, and associated systems and methods
 (51) Int. Cl.
 C10L 5/36 (2006.01)
 C10B 5/00 (2006.01)
 C10L 5/04 (2006.01)
 (43) 19.12.2024
 (62) 2022270111
 (72) QUANCI, John Francis; PERKINS, Jonathan
 (74) Spruson & Ferguson

(71) Tagworks Pharmaceuticals B.V.
 (11) AU-A-2024267101
 (21) 2024267101 (22) 02.12.2024
 (54) Masked IL12 protein
 (51) Int. Cl.
 C07K 14/54 (2006.01)

(43) 19.12.2024
 (62) 2023221765
 (72) DEN BROK, Martijn Hendrikus Martinus Gerardus Maria; ROBILLARD, Marc Stefan; ROSSIN, Raffaella; KLEIJN, Laurens Henri Johan; DE ROODE, Kim Elisa; WOUTERS, Lieke Willemijn Maria; ZIJLMANS, Lucas Hendricus Maria; VERSTEEGEN, Ronny Mathieu
 (74) FB Rice Pty Ltd

(71) Techtronic Cordless GP
 (11) AU-A-2024203146
 (21) 2024203146 (22) 13.05.2024
 (54) An electrode sheet for lithium ion battery
 (51) Int. Cl.
 H01M 4/70 (2006.01)
 (31) 202310645162.X (32) 01.06.23 (33) CN
 (43) 19.12.2024
 (72) LU, Ke; GENG, Dan; LI, Jin Wei
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP
 (11) AU-A-2024203237
 (21) 2024203237 (22) 15.05.2024
 (54) Striking tool
 (51) Int. Cl.
 B25D 1/12 (2006.01)
 B25D 1/02 (2006.01)
 B25G 1/01 (2006.01)
 (31) 202310640158.4 (32) 31.05.23 (33) CN
 (43) 19.12.2024
 (72) MOK, Long Chun; LO, Lawrence Fung Pok; HUI, Lik
 (74) Spruson & Ferguson

(71) Techtronic Cordless GP
 (11) AU-A-2024203485
 (21) 2024203485 (22) 24.05.2024
 (54) Battery pack and battery pack heat management apparatus
 (51) Int. Cl.
 H01M 50/409 (2021.01)
 H01M 10/65 (2014.01)
 H01M 50/48 (2021.01)
 (31) 202310631039.2 (32) 30.05.23 (33) CN
 (43) 19.12.2024
 (72) LEE, Hei Man
 (74) Spruson & Ferguson

(71) TENCENT AMERICA LLC
 (11) AU-A-2024270635
 (21) 2024270635 (22) 03.12.2024
 (54) Motion vector restriction for out-of-frame boundary conditions
 (51) Int. Cl.
 H04N 19/55 (2014.01)
 H04N 19/513 (2014.01)
 H04N 19/577 (2014.01)
 H04N 19/593 (2014.01)
 H04N 19/70 (2014.01)
 (43) 19.12.2024
 (62) 2022434052
 (72) CHEN, Lien-Fei; LI, Xiang; LIU, Shan
 (74) Davies Collison Cave Pty Ltd

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(71) TetraVision, LLC
 (11) AU-A-2024266999
 (21) 2024266999 (22) 28.11.2024
 (54) Bidirectional thermally actuated component for use in medical devices
 (51) Int. Cl.
 F16K 31/64 (2006.01)
 F03G 7/06 (2006.01)
 (43) 19.12.2024
 (62) 2021221177
 (72) MULLANEY, Michael W.; MORAN, Daniel
 (74) FPA Patent Attorneys Pty Ltd

(71) The Boeing Company
 (11) AU-A-2024202142
 (21) 2024202142 (22) 03.04.2024
 (54) Spacer tools for aircraft engine assemblies, aircraft engine assemblies with spacer tools, and related methods
 (51) Int. Cl.
 B64F 5/10 (2017.01)
 B64F 5/50 (2017.01)
 (31) 63/506,218 (32) 05.06.23 (33) US
 18/434,504 06.02.24 US
 (43) 19.12.2024
 (72) MILLER, Annalise C.; MOUSER, Lance; HOWELL, Joshua
 (74) FB Rice Pty Ltd

(71) The Boeing Company
 (11) AU-A-2024203266
 (21) 2024203266 (22) 16.05.2024
 (54) Methods, mixed resin retention assemblies, valve assemblies, and systems for inline resin mixing
 (51) Int. Cl.
 B01F 23/45 (2022.01)
 B29B 7/74 (2006.01)
 (31) 63/506,263 (32) 05.06.23 (33) US
 18/469,033 18.09.23 US
 (43) 19.12.2024
 (72) TIAN, Jacquelynn X.
 (74) FB Rice Pty Ltd

(71) THE NOCO COMPANY
 (11) AU-A-2024267039
 (21) 2024267039 (22) 29.11.2024
 (54) Portable jump starter and air compressor device
 (51) Int. Cl.
 H02J 1/10 (2006.01)
 F02N 11/08 (2006.01)
 F02N 11/12 (2006.01)
 F02N 11/14 (2006.01)
 F02N 15/00 (2006.01)
 G01D 11/28 (2006.01)
 H02J 7/00 (2006.01)
 (43) 19.12.2024
 (62) 2022238310
 (72) UNDERHILL, Derek Michael; BOSWAY, Matthew Michael; NOOK, Jonathan Lewis; NOOK, SR, William Knight; STANFIELD, James Richard; MCBRIDE, James P.; HACKER DAVIDSON, Andrea Carolina; AGRAWAL, Nitish; SITU, Tom
 (74) Griffith Hack

(71) THE NOCO COMPANY
 (11) AU-A-2024267043
 (21) 2024267043 (22) 29.11.2024
 (54) Portable jump starter and air compressor device
 (51) Int. Cl.
 H02J 1/10 (2006.01)
 F02N 11/08 (2006.01)
 F02N 11/12 (2006.01)
 F02N 11/14 (2006.01)
 F02N 15/00 (2006.01)
 G01D 11/28 (2006.01)
 H02J 7/00 (2006.01)
 (43) 19.12.2024
 (62) 2022238310
 (72) UNDERHILL, Derek Michael; BOSWAY, Matthew Michael; NOOK, Jonathan Lewis; NOOK, SR, William Knight; STANFIELD, James Richard; MCBRIDE, James P.; HACKER DAVIDSON, Andrea Carolina; AGRAWAL, Nitish; SITU, Tom
 (74) Griffith Hack

(71) THE PROCTER & GAMBLE COMPANY
 (11) AU-A-2024267074
 (21) 2024267074 (22) 02.12.2024
 (54) REMINERALIZING ORAL CARE COMPOSITIONS COMPRISING TIN
 (51) Int. Cl.
 A61K 8/20 (2006.01)
 A61K 8/21 (2006.01)
 A61K 8/25 (2006.01)
 A61K 8/365 (2006.01)
 A61Q 11/00 (2006.01)
 (43) 19.12.2024
 (62) 2021268652
 (72) BAIG, Arif Ali; BIESBROCK, Aaron Reed; GROTH, Andrew Frederic; ST JOHN, Samuel James
 (74) AJ PARK

(71) THE PROCTER & GAMBLE COMPANY
 (11) AU-A-2024267076
 (21) 2024267076 (22) 02.12.2024
 (54) STRUCTURED RHEOLOGICAL SOLID PERSONAL CARE COMPOSITIONS
 (51) Int. Cl.
 A61K 8/02 (2006.01)
 A61K 8/20 (2006.01)
 A61K 8/34 (2006.01)
 A61K 8/36 (2006.01)
 A61K 8/73 (2006.01)
 A61K 8/92 (2006.01)
 A61P 11/02 (2006.01)
 A61P 11/14 (2006.01)
 A61P 29/00 (2006.01)
 A61Q 5/00 (2006.01)
 A61Q 9/02 (2006.01)
 A61Q 19/00 (2006.01)
 A61Q 19/10 (2006.01)
 A61Q 90/00 (2009.01)
 (43) 19.12.2024
 (62) 2021251187
 (72) LYNCH, Matthew Lawrence; ILLIE, Brandon Philip; ZHU, Taotao; DRIA,

Jamie Lynn; LIN, Tinlee; LUDHER, Baltej; VEINTIMILLA, Greg; MOLL, Corrie
 (74) AJ PARK

(71) THE PROCTER & GAMBLE COMPANY
 (11) AU-A-2024270627
 (21) 2024270627 (22) 03.12.2024
 (54) ORAL CARE COMPOSITIONS COMPRISING TIN IONS
 (51) Int. Cl.
 A61Q 11/00 (2006.01)
 A61K 8/19 (2006.01)
 A61K 8/34 (2006.01)
 A61K 8/60 (2006.01)
 (43) 19.12.2024
 (62) 2023274114
 (72) GUPTA, Shikhar; WANG, Guannan; STRAND, Ross
 (74) AJ PARK

(71) The Scripps Research Institute
 (11) AU-A-2024266967
 (21) 2024266967 (22) 28.11.2024
 (54) A method for the site-specific enzymatic labelling of nucleic acids in vitro by incorporation of unnatural nucleotides
 (51) Int. Cl.
 C07H 19/00 (2006.01)
 C12N 15/09 (2006.01)
 (43) 19.12.2024
 (62) 2023200611
 (72) ROMESBERG, Floyd, E.; MALYSHEV, Denis, A.; LI, Lingjun; LAVERGNE, Thomas; LI, Zhengtao
 (74) FB Rice Pty Ltd

(71) The United States of America, as Represented by the Secretary, Department of Health and Human Services; ViiV Healthcare Company
 (11) AU-A-2024266990
 (21) 2024266990 (22) 28.11.2024
 (54) METHOD OF ACHIEVING HIV VIRAL REMISSION USING LONG-ACTING ANTIRETROVIRAL AGENTS
 (51) Int. Cl.
 A61K 31/4985 (2006.01)
 A61K 31/505 (2006.01)
 A61K 31/522 (2006.01)
 A61K 31/675 (2006.01)
 A61K 31/7068 (2006.01)
 A61P 31/18 (2006.01)
 (43) 19.12.2024
 (62) 2021300632
 (72) DALY, Michele B.; GARCIA LERMA, Jose Gerardo; HENEINE, Walid M.; SPREEN, William Robert; WILLIAMS, Peter Evan Owen
 (74) AJ PARK

(71) TINNUS ENTERPRISES, LLC
 (11) AU-A-2024267096
 (21) 2024267096 (22) 02.12.2024
 (54) APPARATUS, SYSTEM AND METHOD FOR FILLING CONTAINERS WITH FLUIDS

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(51) Int. Cl.
A63H 27/10 (2006.01)
 (43) 19.12.2024
 (62) 2022224815
 (72) MALONE, Joshua
 (74) AJ PARK

(71) TISNA, R.
 (11) AU-A-2023203333
 (21) 2023203333 (22) 29.05.2023
 (54) Live Action Game/Skirmish/Simulation Contract System for Incentivized Mission Completion and Reward Redemption in Mobile Applications
 (51) Int. Cl.
G06Q 30/0207 (2023.01)
G07F 17/32 (2006.01)
 (43) 19.12.2024
 (72) TISNA, RAYMOND
 (74) RAYMOND TISNA

(71) Toddy Tech, LLC
 (11) AU-A-2024267068
 (21) 2024267068 (22) 29.11.2024
 (54) Beverage container lid with reservoir and repetitive measuring and disbursement mechanism
 (51) Int. Cl.
B65D 51/28 (2006.01)
B65D 43/02 (2006.01)
B65D 51/18 (2006.01)
B65D 51/24 (2006.01)
B65D 81/32 (2006.01)
G01F 11/16 (2006.01)
 (43) 19.12.2024
 (62) 2020333516
 (72) TONN, Andrew; SWITZER, Joel R.; SANFORD, Stephen
 (74) Davies Collison Cave Pty Ltd

(71) Torqur AG
 (11) AU-A-2024270624
 (21) 2024270624 (22) 03.12.2024
 (54) Treatment of skin disorders
 (51) Int. Cl.
A61K 31/5377 (2006.01)
A61K 31/5386 (2006.01)
A61P 17/00 (2006.01)
A61P 17/02 (2006.01)
A61P 35/00 (2006.01)
 (43) 19.12.2024
 (62) 2018371168
 (72) FABBRO, Doriano; HILL-MANN-WÜLLNER, Petra; STÜTZ, Anton
 (74) Arcadia Intellectual Property

(71) Toshiba Energy Systems & Solutions Corporation
 (11) AU-A-2024200078
 (21) 2024200078 (22) 05.01.2024
 (54) Damage degree management system for steam turbine high temperature components
 (51) Int. Cl.
G06F 17/00 (2019.01)
 (31) 2023-088487 (32) 30.05.23 (33) JP

(43) 19.12.2024
 (72) KAWAI, Yasuteru; SHITAKA, Tetsuya; KASE, Kenichi; NINOMIYA, Yoshikazu; MAKINO, Tetsuya; SUZUKI, Yusuke; TAKEUCHI, Tsukasa; ICHIKAWA, Hiroyuki; ONO, Yasunori
 (74) Davies Collison Cave Pty Ltd

(71) Toshiba Energy Systems & Solutions Corporation
 (11) AU-A-2024200241
 (21) 2024200241 (22) 15.01.2024
 (54) Rotary electric machine managing system
 (51) Int. Cl.
G01R 31/12 (2020.01)
 (31) 2023-087516 (32) 29.05.23 (33) JP
 (43) 19.12.2024
 (72) TAKAHASHI, Tomoaki; HAKAWA, Takashi; TAKANEZAWA, Makoto; FUJIMOTO, Akira; YODA, Hiroyuki; ANDO, Koji
 (74) Davies Collison Cave Pty Ltd

(71) Tricare SAS
 (11) AU-A-2024266993
 (21) 2024266993 (22) 28.11.2024
 (54) Stent and replacement heart valve prosthesis with improved fixation features
 (51) Int. Cl.
A61F 2/24 (2006.01)
A61F 2/848 (2013.01)
A61F 2/90 (2013.01)
 (43) 19.12.2024
 (62) 2019220377
 (72) RAHMIG, Georg; STRAUBINGER, Helmut; MARCHAND, Coralie
 (74) FB Rice Pty Ltd

(71) University of Central Florida Research Foundation, Inc.
 (11) AU-A-2024267081
 (21) 2024267081 (22) 02.12.2024
 (54) Methods and compositions for natural killer cells
 (51) Int. Cl.
A61K 39/395 (2006.01)
C12N 5/00 (2006.01)
C12N 5/02 (2006.01)
 (43) 19.12.2024
 (62) 2021202439
 (72) COPIK, Alicja; REDDY, Vijay; OYER, Jeremiah
 (74) FPA Patent Attorneys Pty Ltd

(71) VelosBio Inc.
 (11) AU-A-2024266952
 (21) 2024266952 (22) 28.11.2024
 (54) Cancer treatment with ROR1 antibody immunoconjugates
 (51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)

(43) 19.12.2024
 (62) 2020216491
 (72) MILLER, Langdon; LANNUTTI, Brian; JESSEN, Katti
 (74) Spruson & Ferguson

(71) Vibrant Holdings, LLC
 (11) AU-A-2024267006
 (21) 2024267006 (22) 28.11.2024
 (54) Polypeptide arrays and methods of attaching polypeptides to an array
 (51) Int. Cl.
G01N 33/53 (2006.01)
 (43) 19.12.2024
 (62) 2021205112
 (72) RAJASEKARAN, John J.; WANG, Tianhao; BEI, Kang; JAYARAMAN, Vasanth; KRISHNAMURTHY, Hari Krishnan
 (74) FB Rice Pty Ltd

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 (21) 2024266990

(71) Volta Labs, Inc.
 (11) AU-A-2024266940
 (21) 2024266940 (22) 27.11.2024
 (54) Directing motion of droplets using differential wetting
 (51) Int. Cl.
H01L 21/67 (2006.01)
H01L 21/02 (2006.01)
 (43) 19.12.2024
 (62) 2019228521
 (72) UMAPTHI, Udayan
 (74) FB Rice Pty Ltd

(71) White Swell Medical Ltd
 (11) AU-A-2024278092
 (21) 2024278092 (22) 04.12.2024
 (54) Systems and methods for treatment of fluid overload
 (51) Int. Cl.
A61M 1/34 (2006.01)
A61M 1/36 (2006.01)
A61M 5/00 (2006.01)
A61M 5/142 (2006.01)
A61M 5/172 (2006.01)
A61M 25/00 (2006.01)
A61M 25/082 (2006.01)
A61M 25/085 (2006.01)
A61M 25/10 (2013.01)
A61M 27/00 (2006.01)
A61M 31/00 (2006.01)

(43) 19.12.2024
 (62) 2023200225
 (72) NITZAN, Yaacov; RAZ, Sagi; CHEN, Shani; INBAR, Or
 (74) Spruson & Ferguson

(71) WHITLOCK, J.
 (11) AU-A-2024266996
 (21) 2024266996 (22) 28.11.2024
 (54) Shop fitting system and assembly

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(51) Int. Cl.
A47F 5/08 (2006.01)
A47F 3/06 (2006.01)
A47F 5/10 (2006.01)
E04H 1/12 (2006.01)
(43) 19.12.2024
(62) 2021225203
(72) WHITLOCK, Joanne; WHITLOCK, Paul; STOODLEY, Stephen
(74) Patenteur Pty Ltd

(71) Whoosh Hold LP
(11) AU-A-2024267107
(21) 2024267107 (22) 02.12.2024
(54) Trolley system and associated rails and tracks
(51) Int. Cl.
B61H 9/02 (2006.01)
B61B 7/00 (2006.01)
(43) 19.12.2024
(62) 2018370382
(72) COCHETAS, Peter David; DIEHL, Andrew Karl; LEWIS, Daniel Charles; NEWMAN, Alexander Peter Hannibal; PYE, Macaulay James; THOMSON, Mark Harinui
(74) Davies Collison Cave Pty Ltd

(71) WindEverest Corp.
(11) AU-A-2024202961
(21) 2024202961 (22) 03.05.2024
(54) METHOD AND APPARATUS FOR DEMAND MANAGEMENT ON AN ELECTRICAL GRID
(51) Int. Cl.
G06Q 10/04 (2023.01)
G06Q 10/0631 (2023.01)
G06Q 50/06 (2012.01)
H02J 3/00 (2006.01)
(31) 18/327,886 (32) 01.06.23 (33) US
(43) 19.12.2024
(72) Rolnik, Robert
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) WISK AERO LLC
(11) AU-A-2024267021
(21) 2024267021 (22) 29.11.2024
(54) Electrically powered propulsion systems for aircraft
(51) Int. Cl.
B64D 27/24 (2006.01)
B64C 29/00 (2006.01)
B64C 39/02 (2023.01)
B64C 39/08 (2006.01)
B64D 41/00 (2006.01)
(43) 19.12.2024
(62) 2021368019
(72) LONG, Geoffrey Alan; HOM, Lewis Romeo
(74) Davies Collison Cave Pty Ltd

(71) Xard Group Pty Ltd
(11) AU-A-2024267112
(21) 2024267112 (22) 02.12.2024
(54) CRYPTOGRAPHIC DATA TRANSFER
(51) Int. Cl.

G06Q 20/34 (2012.01)
G06F 21/30 (2013.01)
G06Q 20/08 (2012.01)
(43) 19.12.2024
(62) 2022271408
(72) Wilson, Robert
(74) AUSTRALASIA IP PTY LTD

(71) Xefco Pty Ltd; XEFCO PTY LTD
(11) AU-A-2024267057
(21) 2024267057 (22) 29.11.2024
(54) Insulated radiant barriers in apparel
(51) Int. Cl.
B32B 15/14 (2006.01)
B32B 5/02 (2006.01)
B32B 15/04 (2006.01)
D06M 11/83 (2006.01)
E04H 15/00 (2006.01)
(43) 19.12.2024
(62) 2022224832
(72) HUSSEY, Thomas; CONOLLY, Brian; WHITBY, Scott
(74) XEFCO PTY LTD

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(21) 2024267057

(71) Xenipro GmbH
(11) AU-A-2024266935
(21) 2024266935 (22) 27.11.2024
(54) Phenoxy(hetero)aryl ethers of antiproliferative activity
(51) Int. Cl.
C07D 211/22 (2006.01)
A61K 31/44 (2006.01)
A61P 35/00 (2006.01)
C07C 43/275 (2006.01)
C07C 43/295 (2006.01)
C07D 213/643 (2006.01)
C07D 265/30 (2006.01)
C07D 295/096 (2006.01)
C07D 309/06 (2006.01)
C07D 401/12 (2006.01)
C07D 405/12 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
C07D 453/02 (2006.01)
(43) 19.12.2024
(62) 2019325306
(72) REINMÜLLER, Viktoria; MARTY, Roman; WAGNIÈRES, Olivier; GUALTIEROTTI, Jean-Baptiste; KÜPPERS, Verena
(74) Davies Collison Cave Pty Ltd

(71) XEOS IMAGING INC.
(11) AU-A-2024203529
(21) 2024203529 (22) 27.05.2024
(54) Semantic segmentation of airborne LiDAR data by artificial intelligence
(51) Int. Cl.
G01S 17/02 (2020.01)
G01S 13/02 (2006.01)
G06N 3/02 (2006.01)
G06T 7/11 (2017.01)

G06V 10/82 (2022.01)
(31) 63/504,763 (32) 29.05.23 (33) US
(43) 19.12.2024
(72) NGUYEN, Van Tho; ST-PIERRE, Tony; CLABAUT, Etienne
(74) Griffith Hack

Xiamen Hithium Energy Storage Technology Co., Ltd. see Shenzhen Hithium Energy Storage Technology Co., Ltd.
(21) 2023278087

(71) YAKIMA PRODUCTS, INC.
(11) AU-A-2024203612
(21) 2024203612 (22) 29.05.2024
(54) Telescoping Bicycle Support Assembly
(51) Int. Cl.
B60R 9/10 (2006.01)
B60R 9/06 (2006.01)
(31) 63/505,015 (32) 30.05.23 (33) US
(43) 19.12.2024
(72) Willems, Brandon Michael; Truong, Victor; Sagen, Jason Attfield
(74) Michael Buck IP

(71) Yokogawa Electric Corporation
(11) AU-A-2024202829
(21) 2024202829 (22) 30.04.2024
(54) Method, apparatus, computer program and system for monitoring a state of a multi-cell electrolyzer
(51) Int. Cl.
C25B 15/027 (2021.01)
C25B 9/70 (2021.01)
G01J 5/00 (2022.01)
G01K 11/12 (2021.01)
G01K 11/32 (2021.01)
G05D 23/00 (2006.01)
(31) 23177286.4 (32) 05.06.23 (33) EP
(43) 19.12.2024
(72) KRAMER, Martijn; KREUNING, Paul
(74) FB Rice Pty Ltd

(71) ZAZZLE INC.
(11) AU-A-2024202330
(21) 2024202330 (22) 10.04.2024
(54) GLOBAL ILLUMINATION AND PRINTED LAYER LIGHT TRANSPORT MODELS FOR CUSTOMIZING PHYSICAL PRODUCTS DESIGNED DIGITALLY
(51) Int. Cl.
G06T 15/04 (2011.01)
G06T 11/40 (2006.01)
G06T 11/60 (2006.01)
G06T 19/20 (2011.01)
(31) 18/203,147 (32) 30.05.23 (33) US
(43) 19.12.2024
(72) Harvill, Leslie Young; Ohiaeri, Charles; Beaver III, Robert I.
(74) ET Intellectual Property

ZHEJIANG JINKO SOLAR CO., LTD. see JINKO SOLAR CO., LTD.
(21) 2023219921

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- (71) Zhong Jing Wei Shi (Suzhou) Optical
Technology Ltd; nthalmic holding Pty
Ltd
(11) AU-A-2024266956
(21) 2024266956 (22) 28.11.2024
(54) Apparatus and methods of spectacle
solutions for myopia
(51) Int. Cl.
G02C 7/06 (2006.01)
G02C 7/08 (2006.01)
(43) 19.12.2024
(62) 2022246371
(72) Bakaraju, Ravi Chandra
(74) FPA Patent Attorneys Pty Ltd
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Zhong Jing Wei Shi (Suzhou) Optical Tech-
nology Ltd see nthalmic holding pty ltd
(21) 2024267052

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2023203338	slennett-roberts, t.	2024203678	Schneider Electric (Australia) Pty Limited
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2023203890	Research Triangle Institute	2024203762	Apple Inc.
2023204270	Shenzhen Jerez Fireplace Co., Ltd.	2024203763	Apple Inc.
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2023248214	Plowright, B.	2024220083	Ohio State Innovation Foundation
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2023278087	Shenzhen Hithium Energy Storage Technology Co., Ltd.; Xiamen Hithium Energy Storage Technology Co., Ltd.	2024224000	Genzyme Corporation
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2023430181	CLONBIO GROUP LTD.	2024264558	BicycleTx Limited
2024200039	Chongqing Changan Automobile Co., Ltd	2024264571	Fred Hutchinson Cancer Center
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2024200802	Nanjing University Research Institute (Changshu) Co., Ltd.	2024264726	Boehringer Ingelheim Vetmedica GmbH
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2024201756	Aquatic Informatics ULC	2024266782	Rady Children's Hospital Research Center
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2024203026	CATERPILLAR PAVING PRODUCTS INC.	2024266923	Apple Inc.
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2024203266	The Boeing Company	2024266935	Xeniopro GmbH
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2024203370	NAVICO, INC.	2024266940	Volta Labs, Inc.
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2024203470	S&A Group Holdings Limited	2024266944	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
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2024203656	Magnosco GmbH	2024266958	Abbott Diabetes Care Inc.
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2024266996	WHITLOCK, J.	2024267088	Ecolab USA Inc.
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2024267008	Britax Romer Kindersicherheit GmbH	2024267101	Tagworks Pharmaceuticals B.V.
2024267009	Jusand Nominees Pty Ltd	2024267102	Forward Water Technologies
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2024267012	Snap-on Incorporated	2024267107	Whoosh Hold LP
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2024267016	Clearview Property Management Pty Ltd	2024267110	GammaDelta Therapeutics Ltd
2024267017	Reata Pharmaceuticals, Inc.	2024267112	Xard Group Pty Ltd
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2024267021	WISK AERO LLC	2024267115	1934612 Ontario Inc.
2024267022	Azra SHS Tech Inc.	2024270617	NANOEAR CORPORATION, INC.
2024267023	OJO Labs, Inc.	2024270618	ExoProther Medical Ltd.
2024267024	Stryker Corporation	2024270621	National Oilwell Varco, LP.
2024267025	Nokia Technologies Oy	2024270624	Torqur AG
2024267028	Metso Metals Oy	2024270627	THE PROCTER & GAMBLE COMPANY
2024267029	Avalyn Pharma Inc.	2024270628	Bayer Healthcare LLC
2024267030	Stepan Company	2024270629	HURRY, J.P.; BIZBOXES, LLC
2024267031	Arbutus Biopharma Corporation	2024270631	Abbott Diabetes Care Inc.
2024267034	Arranta Bio Holdings, LLC	2024270635	TENCENT AMERICA LLC
2024267035	Precision Planting LLC	2024270636	Boost Payment Solutions, Inc.
2024267036	Aristocrat Technologies Australia Pty Limited	2024270637	Apple Inc.
2024267037	KITE GLOBAL LLC	2024270639	Dendrite Imaging, Inc.
2024267038	Haemonetics Corporation	2024274537	Broadridge Financial Solutions, Inc.
2024267039	THE NOCO COMPANY	2024274538	JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.
2024267040	Sitesee Pty Ltd		
2024267041	Huawei Technologies Co., Ltd.	2024274539	ANDON TECHNOLOGY PTY LTD
2024267042	PRESTON, J.C.	2024274540	Asphalt Plus, LLC
2024267043	THE NOCO COMPANY	2024275219	Canon Kabushiki Kaisha
2024267044	Galaxy Digital Trading LLC	2024277683	BYD COMPANY LIMITED
2024267045	Seiko Epson Corporation	2024278092	White Swell Medical Ltd
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2024278096 Matterport, Inc.
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. (*) Title not in Roman characters

. (**) Title not given

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

(71) Amphibian Holdings Pty Ltd

(11) AU-A-2024100041

(21) 2024100041 **(22)** 15.11.2024

(54) A POWER SAFETY DEVICE CONFIGURED FOR OUTDOOR USE

(51) Int. Cl.

H01R 13/52 (2006.01)

H01R 13/58 (2006.01)

H02G 3/08 (2006.01)

H01R 13/506 (2006.01)

H01R 13/639 (2006.01)

(45) 19.12.2024

(62) 2021203767

(72) Kratzer, Oliver

(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

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(71) 410 MEDICAL, INC.
 (11) AU-A-2023277639
 (21) 2023277639 (22) 25.05.2023
 (54) SYSTEMS, APPARATUS, AND METHODS FOR WARMING FLUID FOR INTRAVENOUS INFUSION
 (51) Int. Cl.
F24H 1/10 (2022.01)
A61F 7/00 (2006.01)
A61M 5/44 (2006.01)
F24H 1/20 (2022.01)
H05B 3/06 (2006.01)
H05B 3/78 (2006.01)
 (87) WO2023/230585
 (31) 63/345,844 (32) 25.05.22 (33) US
 (43) 30.11.2023
 (72) LANE, Andrew W.; ROBERTSON, Galen C.; CARLSEN, Savannah K.; OLTMANS, Luke D.; HARPER, Kevin A.; IVANOV, Steve D.; HANLON, Matthew J.
 (74) RnB IP Pty Ltd

(71) ABBVIE BIOTHERAPEUTICS INC.; ABBVIE DEUTSCHLAND GMBH & CO. KG
 (11) AU-A-2023316876
 (21) 2023316876 (22) 28.07.2023
 (54) ANTI-GARP-TGF-β1/PD-1 COMBINATION THERAPY
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/04 (2006.01)
C07K 16/28 (2006.01)
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 (54) RISANKIZUMAB COMPOSITIONS
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A61K 39/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
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E05B 1/00 (2006.01)
E05B 13/00 (2006.01)
E05B 47/00 (2006.01)
E05B 47/06 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) HERBICIDAL MIXTURES FOR CROP PROTECTION
 (51) Int. Cl.
A01N 43/36 (2006.01)
A01N 37/40 (2006.01)
A01N 41/10 (2006.01)
A01N 43/54 (2006.01)
A01N 43/66 (2006.01)
A01N 43/80 (2006.01)
A01N 43/88 (2006.01)
A01N 47/30 (2006.01)
A01N 47/38 (2006.01)
A01P 13/00 (2006.01)
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 (31) 22177245.2 (32) 03.06.22 (33) EP
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 (72) HORSFIELD, Andrew
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A01P 13/02 (2006.01)
A01N 25/02 (2006.01)
A01N 43/56 (2006.01)
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 (51) Int. Cl.
A01N 25/10 (2006.01)
A01N 43/40 (2006.01)
A01N 43/653 (2006.01)
A01N 59/20 (2006.01)
A01P 3/00 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2023281979 (22) 31.05.2023
 (54) METHOD OF CONTROLLING NEMATODES
 (51) Int. Cl.
A01N 43/78 (2006.01)
A01P 5/00 (2006.01)
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 (72) VENTURA LOVATO, Bruno; GANESH GURAV, Shrikant; LUIZ DE OLIVEIRA NETO, Norberto
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(71) ADAPTIVENDO LLC
 (11) AU-A-2023272116
 (21) 2023272116 (22) 18.05.2023
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 (51) Int. Cl.
A61B 1/005 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys

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C12N 15/62 (2006.01)
A61K 35/17 (2015.01)
C07K 14/705 (2006.01)
C12N 5/10 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(21) 2023303986 (22) 12.06.2023
(54) FLUORINE-CONTAINING COPOLYMER, COMPOSITION, POWDER COATING MATERIAL, COATED ARTICLE, AND METHOD FOR PRODUCING FLUORINE-CONTAINING COPOLYMER
- (51) Int. Cl.
C08F 216/14 (2006.01)
C08F 214/24 (2006.01)
C08K 5/5435 (2006.01)
C08L 27/12 (2006.01)
C08L 29/10 (2006.01)
C09D 5/03 (2006.01)
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(31) 2022-108420 (32) 05.07.22 (33) JP
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A61F 9/008 (2006.01)
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A61L 24/00 (2006.01)
A61L 27/44 (2006.01)
A61L 27/46 (2006.01)
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C07K 14/705 (2006.01)
A61K 39/00 (2006.01)
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(21) 2023303408 (22) 05.07.2023
(54) ANTI-VIRAL COMPOUNDS
- (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/4035 (2006.01)
A61P 31/14 (2006.01)
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(21) 2023283008 (22) 08.06.2023
(54) INJECTABLE HYDROGEL
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A61L 27/26 (2006.01)
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- (54) HANDLE ASSEMBLY FOR ACCESSORY OF MEDICAL DEVICE SUPPORT SYSTEM
- (51) Int. Cl.
A61B 90/30 (2016.01)
A61B 17/00 (2006.01)
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A61L 2/16 (2006.01)
A61B 90/70 (2016.01)
A61M 1/00 (2006.01)
B65B 57/00 (2006.01)
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(72) GETSY, Andrew Paul
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(21) 2023299045 (22) 29.06.2023
(54) NOVEL INDENONE DERIVATIVES AND USES THEREOF
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C07D 417/10 (2006.01)
A23L 33/10 (2016.01)
A61K 31/426 (2006.01)
A61K 31/4436 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/5377 (2006.01)
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(72) KIM, Seong Muk; KIM, Hye Ju
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B08B 9/055 (2006.01)
B08B 9/032 (2006.01)
F16L 55/26 (2006.01)
- (87) WO2023/250287
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(72) COPPOLA, Tracy Austin; JONES, Jeremy Dayton
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 (21) 2023287807 (22) 23.06.2023
 (54) COMBINATION THERAPIES WITH AN ANTI-FACTOR XI/FACTOR XIA ANTI-BODY
 (51) Int. Cl.
 A61K 38/36 (2006.01)
 A61K 31/19 (2006.01)
 A61K 39/395 (2006.01)
 A61K 47/26 (2006.01)
 A61P 7/02 (2006.01)
 A61P 9/00 (2006.01)
 C07K 14/745 (2006.01)
 C12Q 1/56 (2006.01)
 G01N 33/86 (2006.01)
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 (21) 2023269965 (22) 08.05.2023
 (54) DEVICES, METHODS, AND GRAPHICAL USER INTERFACES FOR PROVIDING NOTIFICATIONS AND APPLICATION INFORMATION
 (51) Int. Cl.
 G06F 3/04883 (2022.01)
 G06F 3/0481 (2022.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) LINE OF SIGHT ESTIMATOR
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 G01S 19/22 (2010.01)
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 (72) PETOVELLO, Mark G.; SYED, Qutub Salman; BAHRAMI, Mojtaba; MILLER, Isaac T.
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 (51) Int. Cl.
 C02F 1/72 (2023.01)
 B01J 3/00 (2006.01)
 C02F 1/02 (2023.01)
 C02F 1/74 (2023.01)
 C02F 101/30 (2006.01)
 C02F 101/32 (2006.01)
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 (31) 22173039.3 (32) 12.05.22 (33) EP
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 (72) CAI, Zhuoyan
 (74) FPA Patent Attorneys Pty Ltd

(71) ARCTURUS THERAPEUTICS, INC.
 (11) AU-A-2023301074
 (21) 2023301074 (22) 30.06.2023
 (54) IMPROVED METHODS FOR IN VITRO TRANSCRIPTION
 (51) Int. Cl.
 C12P 19/34 (2006.01)
 C12N 9/12 (2006.01)
 C12N 15/10 (2006.01)
 (87) WO2024/006978
 (31) 63/357,843 (32) 01.07.22 (33) US
 (43) 04.01.2024
 (72) ALAYYOUBI, Maher; CHOI, Kyoung-Joo Jenny; LUGER II, Timothy Wayne
 (74) Spruson & Ferguson

(71) ARIANEGROUP SAS
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 (21) 2023281240 (22) 26.05.2023
 (54) MULTI-ORBIT SPACE MONITORING DEVICE
 (51) Int. Cl.
 B64G 3/00 (2006.01)
 (87) WO2023/233091
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 (72) GIRAUD, Paul; DUSSOULIER, Yoann; DELOMENIE, Guillaume; EYHERA-MONO, Gaëtan
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 (21) 2023276024 (22) 23.05.2023
 (54) CYCLIC PEPTIDES FOR TARGETING EPIDERMAL GROWTH FACTOR RECEPTOR AND MUTATIONS THEREOF FOR DRUG DELIVERY

(51) Int. Cl.
 C07K 7/06 (2006.01)
 A61K 38/12 (2006.01)
 A61P 35/00 (2006.01)
 G01N 33/574 (2006.01)
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 (31) 63/344,657 (32) 23.05.22 (33) US
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 (72) LUBIN, Bat Chen Revital; GELLERMAN, Gary; FURMAN, Olga; BAZYLEVICH, Andrii
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 (54) MERCAPTIDE MICROEMULSION COLLECTORS FOR MINERAL FLOTATION
 (51) Int. Cl.
 B03D 1/02 (2006.01)
 B03D 1/004 (2006.01)
 B03D 1/006 (2006.01)
 B03D 1/012 (2006.01)
 (87) WO2024/006130
 (31) 63/357,017 (32) 30.06.22 (33) US
 (43) 04.01.2024
 (72) BUITRAGO, Carlos F.; POLLI, Andrew
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ARRAY TECH, INC.
 (11) AU-A-2023278991
 (21) 2023278991 (22) 01.06.2023
 (54) LOW-PROFILE BACKRAIL MODULE CLAMP
 (51) Int. Cl.
 H02S 20/32 (2014.01)
 F24S 25/636 (2018.01)
 (87) WO2023/235521
 (31) 17/805,010 (32) 01.06.22 (33) US
 (43) 07.12.2023
 (72) CREAMY, Lucas; SCHUKNECHT, Nathan; DE FRESART, Benjamin, C.
 (74) AJ PARK

(71) ASAHI GROUP HOLDINGS, LTD.
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 (21) 2023277074 (22) 26.05.2023
 (54) FPR2 AGONIST CONTAINING OUTER MEMBRANE VESICLES DERIVED FROM LACTIC ACID BACTERIUM
 (51) Int. Cl.
 A23L 33/135 (2016.01)
 A61K 35/744 (2015.01)
 A61K 35/747 (2015.01)
 A61P 17/16 (2006.01)
 A61P 25/28 (2006.01)
 A61P 29/00 (2006.01)
 A61P 37/02 (2006.01)
 (87) WO2023/229034
 (31) 2022-086832 (32) 27.05.22 (33) JP
 (43) 30.11.2023
 (72) SUGAHARA Hirotsuke; NAGAYAMA Keitaro
 (74) Spruson & Ferguson

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 (11) AU-A-2023294304
 (21) 2023294304 (22) 12.06.2023
 (54) METHOD FOR REDUCING UNPLEASANT ODOR COMPONENT IN ROASTED COFFEE BEANS
 (51) Int. Cl.
 A23F 5/02 (2006.01)
 A23F 5/04 (2006.01)
 A23F 5/16 (2006.01)
 A23F 5/24 (2006.01)
 (87) WO2023/243608
 (31) 2022-096697 (32) 15.06.22 (33) JP
 (43) 21.12.2023
 (72) INABA, Shiori; SUGAHARA, Hirosuke
 (74) Spruson & Ferguson</p> <hr/> <p>(71) ASTELLAS PHARMA INC.
 (11) AU-A-2023300913
 (21) 2023300913 (22) 29.06.2023
 (54) METHOD FOR PRODUCING NONHUMAN PRIMATE ANIMAL MODEL OF CEREBRAL INFARCTION AND PHARMACEUTICAL COMPOSITION FOR TREATMENT OF CEREBRAL INFARCTION
 (51) Int. Cl.
 A01K 67/027 (2006.01)
 A61K 9/127 (2006.01)
 A61K 9/51 (2006.01)
 A61K 31/7088 (2006.01)
 A61K 35/76 (2015.01)
 A61K 38/17 (2006.01)
 A61K 47/34 (2017.01)
 A61K 47/44 (2017.01)
 A61K 48/00 (2006.01)
 A61P 9/00 (2006.01)
 A61P 9/10 (2006.01)
 A61P 25/00 (2006.01)
 A61P 43/00 (2006.01)
 C07D 211/58 (2006.01)
 C07K 14/47 (2006.01)
 C12N 15/12 (2006.01)
 C12N 15/864 (2006.01)
 C12N 15/867 (2006.01)
 C12Q 1/02 (2006.01)
 G01N 33/15 (2006.01)
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 (31) 2022-106308 (32) 30.06.22 (33) JP
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 (43) 04.01.2024
 (72) NAKAHARA Soichiro; MAEDA Masashi
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) AVALYN PHARMA INC.
 (11) AU-A-2023280860
 (21) 2023280860 (22) 26.05.2023
 (54) NINTEDANIB AND NINTEDANIB COMBINATION DRY POWDER COMPOSITIONS AND USES
 (51) Int. Cl.
 A61K 31/496 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/16 (2006.01)
 A61K 45/06 (2006.01)
 A61K 47/26 (2006.01)
 A61P 11/00 (2006.01)</p> | <p style="text-align: right;">C07B 43/04 (2006.01)
 C07D 209/32 (2006.01)
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 (31) 63/346,856 (32) 28.05.22 (33) US
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 (43) 07.12.2023
 (72) SURBER, Mark William; PHAM, Stephen
 (74) AJ PARK</p> <hr/> <p>(71) AVENCELL THERAPEUTICS INC.
 (11) AU-A-2023288854
 (21) 2023288854 (22) 22.06.2023
 (54) ENGINEERED HUMAN T CELLS COMPRISING A SWITCHABLE CHIMERIC ANTIGEN CELL SURFACE RECEPTOR AND METHODS FOR GENERATING THEM
 (51) Int. Cl.
 A61K 39/00 (2006.01)
 C07K 14/725 (2006.01)
 C07K 16/18 (2006.01)
 C07K 16/28 (2006.01)
 C12N 15/113 (2010.01)
 (87) WO2023/247727
 (31) 22180820.7 (32) 23.06.22 (33) EP
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 (43) 28.12.2023
 (72) EHNINGER, Dr. Armin; CARTELLIERI, Marc; LESCARBEAU, Reynald; EHNINGER, Gerhard; SCHIERMEIER, Andrew
 (74) Patent Attorney Services</p> <hr/> <p>(71) AXOGEN CORPORATION
 (11) AU-A-2023301751
 (21) 2023301751 (22) 06.07.2023
 (54) MULTI-LAYER AMNION PRODUCT, RELATED DEVICES, AND RELATED METHODS
 (51) Int. Cl.
 A61L 27/36 (2006.01)
 A61L 27/50 (2006.01)
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 A61K 31/18 (2006.01)
 A61K 31/165 (2006.01)
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 A61K 31/65 (2006.01)
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 (72) BEN-SHABAT, Shimon; SHAPIRA, Bracha; ROKACH, Lior; SHTAR, Guy; MAZUZ, Eyal; JABARIN, Adi
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 G16C 20/70 (2019.01)
 G16B 15/30 (2019.01)
 G16B 40/00 (2019.01)
 G16C 20/50 (2019.01)
 G16H 70/40 (2018.01)
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 C10G 29/22 (2006.01)
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A61P 9/12 (2006.01)
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A61K 47/68 (2017.01)
A61P 29/00 (2006.01)
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 (54) STRAW AND PREPARATION METHOD THEREFOR
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C08L 67/04 (2006.01)
A47G 21/18 (2006.01)
C08K 3/26 (2006.01)
C08K 3/34 (2006.01)
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G06F 11/00 (2006.01)
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 A61P 35/00 (2006.01)
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G01J 3/30 (2006.01)
 G03B 9/08 (2021.01)
 G06V 10/58 (2022.01)
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 A01M 21/02 (2006.01)
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 G06F 18/214 (2023.01)
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 G06N 20/00 (2019.01)
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 H04W 12/121 (2021.01)
 H04L 9/40 (2022.01)
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 C07D 255/02 (2006.01)
 A61K 49/10 (2006.01)
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 H04B 5/00 (2006.01)
 A47J 31/00 (2006.01)
 G05D 9/12 (2006.01)
 G05D 23/19 (2006.01)
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 H02J 50/10 (2016.01)
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 H04L 27/32 (2006.01)
 H04W 4/80 (2018.01)
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 (54) A KITCHEN APPLIANCE
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 F21V 33/00 (2006.01)
 A47J 31/44 (2006.01)
 F21S 10/00 (2006.01)
 F21S 10/02 (2006.01)
 F21V 8/00 (2006.01)
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 (43) 04.01.2024
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(71) BREVILLE PTY LIMITED
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 A47J 31/44 (2006.01)
 A47J 31/52 (2006.01)
 G01B 11/02 (2006.01)
 G01S 15/08 (2006.01)

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- C07D 405/14** (2006.01)
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- (51) Int. Cl.
- A01K 67/033** (2006.01)
- B07C 5/36** (2006.01)
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- (31) 22172402.4 (32) 09.05.22 (33) EP
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- (72) WOODING, Vaughan
- (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (54) MODULATION OF A PHYSIOLOGICAL FUNCTION VIA MODULATION OF ACTIVATION OF A TRANSIENT RECEPTOR POTENTIAL CHANNEL RECEPTOR
- (51) Int. Cl.
- A61K 31/00** (2006.01)
- A61P 23/00** (2006.01)
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- A61K 38/16** (2006.01)
- A61P 31/04** (2006.01)
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- C12N 15/113** (2010.01)
- A61P 25/28** (2006.01)
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- A61K 31/4439** (2006.01)
- A61P 29/00** (2006.01)
- A61P 35/00** (2006.01)
- C07D 401/14** (2006.01)
- C07D 405/14** (2006.01)
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B60L 50/60 (2019.01)
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B01D 53/62 (2006.01)
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 B05B 1/12 (2006.01)
 B05B 13/04 (2006.01)
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 B22F 10/20 (2021.01)
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 B24D 5/00 (2006.01)
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 C22C 29/08 (2006.01)
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 A61K 35/30 (2015.01)
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F28D 7/02 (2006.01)
H01M 10/613 (2014.01)
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C12Q 1/68 (2018.01)
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G16B 40/00 (2019.01)
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C07K 16/28 (2006.01)
A61K 38/00 (2006.01)
C07K 14/79 (2006.01)
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B33Y 80/00 (2015.01)
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G01N 33/574 (2006.01)				(21) 2023281178	(22) 30.05.2023	
G01N 33/68 (2006.01)				(54) ENGINEERED PROGENITOR CELLS AND METHODS OF USE		
(87) WO2023/217886	(71) DICE ALPHA, INC.			(51) Int. Cl.		
(31) 22172801.7	(11) AU-A-2023272173			C12N 5/0784 (2010.01)		
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(54) COST-EFFECTIVE THERAPY RECOMMENDATIONS	A61P 29/00 (2006.01)			(11) AU-A-2023283386		
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(72) KAMATH, Apurv Ullas; CRAWFORD, Margaret A.; GRAY, John Michael; HAMPAPURAM, Hari; JOHNSON, Matthew Lawrence; PAI, Subrai Girish; SANDERS, Shawn Clay; MIKAMI, Sumitaka; SAYER, Kevin R.; BELLIVEAU, Scott M.	(74) Spruson & Ferguson			C07D 405/12 (2006.01)		
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(71) DEXCOM, INC.	(11) AU-A-2023300794			C07D 413/06 (2006.01)		
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(54) SENSING SYSTEMS AND METHODS FOR DIAGNOSING KIDNEY DISEASE	(51) Int. Cl.			C07D 493/04 (2006.01)		
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A61B 5/0205 (2006.01)	(31) PCT/	(32) 29.06.22	(33) CN	(31) 63/366,211	(32) 10.06.22	(33) US
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G16H 40/63 (2018.01)	CN2022/141416			(21) 2023272830	(22) 12.05.2023	
G16H 40/67 (2018.01)	(43) 04.01.2024			(54) METHODS FOR PREDICTING EFFICACY OF A MODIFIED LIVE PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV) VACCINE		
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G16H 50/70 (2018.01)	(74) Kings Patent & Trade Marks Attorneys Pty Ltd			C07K 14/08 (2006.01)		
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	C12Q 1/6806 (2018.01)					
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B21D 22/04 (2006.01)
B21D 53/00 (2006.01)
F24C 15/08 (2006.01)
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A47L 15/42 (2006.01)
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F24C 15/20 (2006.01)
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C12Q 1/6869 (2018.01)
G16B 30/20 (2019.01)
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G06V 10/82 (2022.01)
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G01N 15/14 (2006.01)
C12Q 1/6869 (2018.01)
G06T 7/33 (2017.01)
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C12Q 1/6855 (2018.01)
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A61K 38/22 (2006.01)
A61P 3/04 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF ACTINOMYCETIA INFECTIONS
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A61K 9/127 (2006.01)
A61K 35/76 (2015.01)
C12N 7/00 (2006.01)
A61P 31/04 (2006.01)
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(54) METHOD AND DEVICE FOR FORECASTING UPCOMING FAULTS IN POWER SYSTEMS
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G05B 23/02 (2006.01)
G01R 31/00 (2006.01)
G06N 20/00 (2019.01)
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(54) METHODS, MOBILE UNIT, CENTRAL UNIT AND SYSTEM IN AN UNDERGROUND ENVIRONMENT
(51) Int. Cl.
H04W 4/40 (2018.01)
H04L 41/12 (2022.01)
H04L 43/0811 (2022.01)
H04L 67/12 (2022.01)
H04W 4/029 (2018.01)
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H02J 3/14 (2006.01)
E21F 17/06 (2006.01)
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(72) ROTH, Patrik; ANDERSSON, Emil
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A61N 5/06 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys
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A61K 9/16 (2006.01)
A61K 8/25 (2006.01)
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A61K 31/565 (2006.01)
A61P 5/30 (2006.01)
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A61K 47/26 (2006.01)
C12N 15/00 (2006.01)
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B62D 53/06 (2006.01)
B60P 1/02 (2006.01)
B60R 19/56 (2006.01)
B60S 9/04 (2006.01)
B62D 63/06 (2006.01)
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(51) Int. Cl.
G16H 30/40 (2018.01)
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
G06N 3/0464 (2023.01)
G06T 7/00 (2017.01)
G06T 7/149 (2017.01)
G06V 10/82 (2022.01)
G06V 10/98 (2022.01)
G06V 40/18 (2022.01)
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C30B 11/00 (2006.01)
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E02B 15/10 (2006.01)
B01D 33/27 (2006.01)
B01D 33/80 (2006.01)
E02B 5/08 (2006.01)
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C07K 14/705 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 15/62 (2006.01)
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C12N 1/08 (2006.01)
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<p>(71) FOLDING HOLDINGS, LLC (11) AU-A-2023280296 (21) 2023280296 (22) 30.05.2023 (54) PREFABRICATED BUILDING SYSTEMS WITH BUILT-UP STRUCTURAL ELEMENTS (51) Int. Cl. E04B 1/24 (2006.01) E04B 1/344 (2006.01) E04B 1/348 (2006.01) E04B 1/58 (2006.01) (87) WO2023/235296 (31) 63/347,448 (32) 31.05.22 (33) US 63/356,762 29.06.22 US (43) 07.12.2023 (72) PETERSON, Elliot (74) Madderns Pty Ltd</p>	<p>(71) FUJITA ACADEMY (11) AU-A-2023270778 (21) 2023270778 (22) 17.05.2023 (54) PHARMACEUTICAL COMPOSITION FOR USE IN THERAPEUTIC OR PROPHYLACTIC METHOD FOR KIDNEY INJURY, COMBINED MEDICINE CONTAINING SAID PHARMACEUTICAL COMPOSITION, AND CCBL1 INHIBITOR (51) Int. Cl. A61K 31/12 (2006.01) A61K 31/282 (2006.01) A61P 13/12 (2006.01) A61P 35/00 (2006.01) (87) WO2023/224055 (31) 2022-083331 (32) 20.05.22 (33) JP (43) 23.11.2023 (72) FUJIGAKI Hidetsugu; SAITO Kuniaki (74) AJ PARK</p>	<p>(71) GENEOS THERAPEUTICS, INC. (11) AU-A-2023267771 (21) 2023267771 (22) 10.05.2023 (54) VACCINES AND METHODS OF USING THE SAME TO TREAT WNT-RELATED CANCER (51) Int. Cl. C12N 15/62 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) C07K 14/47 (2006.01) (87) WO2023/220661 (31) 63/340,090 (32) 10.05.22 (33) US 63/342,605 16.05.22 US (43) 16.11.2023 (72) PERALES-PUCHALT, Alfredo; SARDESAI, Niranjan Y. (74) FB Rice Pty Ltd</p>
<p>(71) FREENOME HOLDINGS, INC. (11) AU-A-2023278176 (21) 2023278176 (22) 02.06.2023 (54) MARKERS FOR THE EARLY DETECTION OF COLON CELL PROLIFERATIVE DISORDERS (51) Int. Cl. G01N 33/574 (2006.01) G16B 40/20 (2019.01) G01N 33/68 (2006.01) (87) WO2023/235878 (31) 63/348,666 (32) 03.06.22 (33) US (43) 07.12.2023 (72) BOURGON, Richard; HSU, Teng-Kuei; PALANIAPPAN, Krishnan Kanna (74) FB Rice Pty Ltd</p>	<p>(71) FUNDACIÓ HOSPITAL UNIVERSITARI VALL D'HEBRON – INSTITUT DE RECERCA; UNIVERSITAT AUTÒNOMA DE BARCELONA; INSTITUCIÓ CATALANA DE RECERCA I ESTUDIS AVANÇATS; NINEVAH THERAPEUTICS SL (11) AU-A-2023266069 (21) 2023266069 (22) 28.04.2023 (54) NUCLEIC ACID CONSTRUCTS AND VECTORS FOR PODOCYTE SPECIFIC EXPRESSION (51) Int. Cl. C12N 15/11 (2006.01) A61K 48/00 (2006.01) C12N 5/10 (2006.01) C12N 15/86 (2006.01) (87) WO2023/213738 (31) 22382421.0 (32) 02.05.22 (33) EP (43) 09.11.2023 (72) MESEGUER NAVARRO, Anna; CHILLON RODRIGUEZ, Miguel; ARÉVALO BAUTISTA, Jazmine Paola; FERNÁNDEZ-MIRANDA, Gonzalo; RAMIS CASTELLTORT, Marc (74) Spruson & Ferguson</p>	<p>(71) GENEOS THERAPEUTICS, INC. (11) AU-A-2023269389 (21) 2023269389 (22) 10.05.2023 (54) INDIVIDUALIZED CANCER EPITOPES AND METHODS OF USING THE SAME (51) Int. Cl. A61K 39/00 (2006.01) A61K 38/00 (2006.01) A61P 35/00 (2006.01) C12N 15/62 (2006.01) (87) WO2023/220659 (31) 63/340,058 (32) 10.05.22 (33) US 63/342,608 16.05.22 US (43) 16.11.2023 (72) PERALES-PUCHALT, Alfredo; SARDESAI, Niranjan, Y. (74) FB Rice Pty Ltd</p>
<p>(71) FRICHS HOLDING 2 APS (11) AU-A-2023281078 (21) 2023281078 (22) 25.05.2023 (54) PYROLYSIS PLANT AND METHOD FOR THERMAL MINERALIZATION OF BIOMASS AND PRODUCTION OF COMBUSTIBLE GASES, LIQUIDS AND BIOCHAR (51) Int. Cl. C10B 49/10 (2006.01) C10B 53/02 (2006.01) C10G 1/02 (2006.01) C10G 3/00 (2006.01)</p>	<p>(71) GENTEX CORPORATION (11) AU-A-2023289976 (21) 2023289976 (22) 23.06.2023 (54) MIRROR ASSEMBLY WITH DRIVER MODELING SYSTEM (51) Int. Cl. B60W 40/08 (2012.01) B60R 1/12 (2006.01)</p>	<p>(71) GENTEX CORPORATION (11) AU-A-2023289976 (21) 2023289976 (22) 23.06.2023 (54) MIRROR ASSEMBLY WITH DRIVER MODELING SYSTEM (51) Int. Cl. B60W 40/08 (2012.01) B60R 1/12 (2006.01)</p>

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B60W 50/00 (2006.01)
G06V 20/59 (2022.01)
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(72) WARD, Mark E.
(74) Spruson & Ferguson
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A61B 5/11 (2006.01)
A61B 5/395 (2021.01)
A61N 1/372 (2006.01)
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(74) Patent Attorney Services
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F03B 11/06 (2006.01)
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(54) CD73 COMPOUNDS
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C07D 401/14 (2006.01)
A61K 31/513 (2006.01)
A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
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A61Q 5/00 (2006.01)
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A61K 8/14 (2006.01)
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B01J 12/00 (2006.01)
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B01J 19/12 (2006.01)
C01B 32/184 (2017.01)
C23C 16/26 (2006.01)
C25B 11/03 (2021.01)
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A01F 25/22 (2006.01)
B65G 3/04 (2006.01)
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H01M 4/96 (2006.01)
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F16L 3/10 (2006.01)
F16L 3/133 (2006.01)
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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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E21B 34/06 (2006.01)
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(54) CRYSTAL OF N-(BENZOYL)-PHENYLALANINE COMPOUND, AND PHARMACEUTICAL COMPOSITION THEREOF, AND PREPARATION METHOD THEREFOR AND USE THEREOF
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C07D 471/04 (2006.01)
A61K 31/404 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4439 (2006.01)
A61P 29/00 (2006.01)
C07D 401/12 (2006.01)
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- (71) HANNA, J.N.
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H01B 7/40 (2006.01)
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C07H 19/01 (2006.01)
A61K 31/7052 (2006.01)
C07H 21/02 (2006.01)
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(54) A SYSTEM AND A METHOD FOR SENSING A CONDITION OF A COMPONENT
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G01N 17/02 (2006.01)
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F16L 55/168 (2006.01)
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E21D 9/00 (2006.01)
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H02G 3/32 (2006.01)
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B60L 15/00 (2006.01)
H02M 7/48 (2007.01)
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- (71) HOKKAIDO ELECTRIC POWER COMPANY, INCORPORATED
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- (51) Int. Cl.
A01K 61/70 (2017.01)
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C04B 7/44 (2006.01)
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H01M 8/0206 (2016.01)
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A61K 8/20 (2006.01)
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A61K 8/67 (2006.01)
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C08H 8/00 (2010.01)
C12P 19/02 (2006.01)
C13K 1/02 (2006.01)
C13K 13/00 (2006.01)
D21C 3/04 (2006.01)
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C12P 19/26 (2006.01)
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C01B 3/38 (2006.01)
C01B 32/40 (2017.01)
C10G 1/10 (2006.01)
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A61K 31/47 (2006.01)
A61P 19/02 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C12N 5/10 (2006.01)
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G06Q 20/36 (2012.01)
G06Q 30/06 (2023.01)
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A63B 55/30 (2015.01)
A45C 7/00 (2006.01)
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C07D 491/044 (2006.01)
A61K 9/32 (2006.01)
A61K 31/435 (2006.01)
A61K 47/04 (2006.01)
A61K 47/12 (2006.01)
A61K 47/38 (2006.01)
A61P 35/00 (2006.01)
C07C 233/15 (2006.01)
C07D 215/18 (2006.01)
C07D 261/20 (2006.01)
C07D 295/104 (2006.01)
C07D 403/06 (2006.01)
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C08H 7/00 (2011.01)
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G16H 10/40 (2018.01)
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D06F 31/00 (2006.01)

D06F 37/26 (2006.01)

D06F 39/08 (2006.01)

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D06F 31/00 (2006.01)

D06F 37/26 (2006.01)

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D06F 37/26 (2006.01)

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D06F 37/26 (2006.01)

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D06F 34/10 (2020.01)

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D06F 31/00 (2006.01)

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D06F 37/26 (2006.01)

D06F 39/00 (2020.01)

D06F 39/02 (2006.01)

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A61M 5/00 (2006.01)

A61M 5/315 (2006.01)

A61M 39/10 (2006.01)

A61M 39/12 (2006.01)

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A61K 31/015 (2006.01)

A61K 31/56 (2006.01)

A61K 31/57 (2006.01)

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B63B 21/04 (2006.01)

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B63B 21/22 (2006.01)

B63B 21/44 (2006.01)

B66D 1/12 (2006.01)

B66D 1/36 (2006.01)

B66D 1/40 (2006.01)

B66D 1/72 (2006.01)

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 (51) Int. Cl.
A61L 27/38 (2006.01)
A61F 2/10 (2006.01)
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C01B 32/182 (2017.01)
C12N 5/0775 (2010.01)
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 (54) ARTICULATED SURGICAL INSTRUMENT FOR ROBOTIC SURGERY OR MICROSURGERY, MANUFACTURING METHOD AND ASSEMBLY METHOD
 (51) Int. Cl.
A61B 34/00 (2016.01)

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A61B 17/3201 (2006.01)
A61B 17/00 (2006.01)
A61B 34/30 (2016.01)
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(31) 102022000014779 **(32)** 14.07.22 **(33)** IT
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(72) LAZZARI, Giorgio; SIMI, Massimiliano
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** MEDPHOTON GMBH
(11) AU-A-2024240570
(21) 2024240570 **(22)** 20.03.2024
(54) IMAGE RECONSTRUCTION METHOD FOR A MEDICAL SYSTEM
(51) Int. Cl.
G06T 7/246 (2017.01)
G06T 7/55 (2017.01)
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(74) FB Rice Pty Ltd
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(21) 2023295207 **(22)** 13.06.2023
(54) CYCLIC PEPTIDES FOR TRAPPING INTERLEUKIN-1 BETA
(51) Int. Cl.
C07K 7/64 (2006.01)
A61P 9/10 (2006.01)
A61K 38/00 (2006.01)
(87) WO2023/244554
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(74) Allens Patent & Trade Mark Attorneys
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(21) 2023266446 **(22)** 08.05.2023
(54) PHENYLPYRAZOLE COMPOUND AND APPLICATION THEREOF
(51) Int. Cl.
C07D 401/04 (2006.01)
A01N 43/56 (2006.01)
A61P 7/02 (2006.01)
A61P 7/04 (2006.01)
(87) WO2023/217077
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(74) Madderns Pty Ltd
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(54) SYSTEM AND METHOD OF MONITORING THE OPERATION OF VIBRATING EQUIPMENT
(51) Int. Cl.
B07B 13/18 (2006.01)
G01H 1/00 (2006.01)
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(72) WARD, David; WIRTH, Jan
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** MICROX LABS INC.
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(54) A MICROFLUIDIC IMPEDANCE CYTOMETRY APPARATUS
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G01N 15/10 (2006.01)
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(21) 2023278646 **(22)** 31.05.2023
(54) ELECTROLYTIC CELL AND ELECTROLYZER
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C25B 9/23 (2021.01)
C25B 1/04 (2021.01)
C25B 9/00 (2021.01)
C25B 9/60 (2021.01)
C25B 9/65 (2021.01)
C25B 9/75 (2021.01)
C25B 9/77 (2021.01)
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(21) 2023285487 **(22)** 29.05.2023
(54) ROTARY COMPRESSOR
(51) Int. Cl.
F04C 18/356 (2006.01)
F04C 29/00 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2023289042 **(22)** 15.06.2023
(54) VEHICLE CONTROL ARRANGEMENT
(51) Int. Cl.
B60W 10/20 (2006.01)
B60T 13/74 (2006.01)
B60W 10/18 (2012.01)
B60W 50/00 (2006.01)
B60W 50/023 (2012.01)
B60W 50/08 (2020.01)
B62D 1/20 (2006.01)
B62D 1/22 (2006.01)
B62D 5/04 (2006.01)
(87) WO2023/245227
(31) 2022901665 **(32)** 19.06.22 **(33)** AU
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(72) MOHIDEEN, Farlin Anooz
(74) Patenteur Pty Ltd
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(21) 2023274972 **(22)** 26.05.2023
(54) IMAGE PROCESSING
(51) Int. Cl.
G06T 7/00 (2017.01)
A61B 5/00 (2006.01)
G06T 7/187 (2017.01)
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(31) 2207799.4 **(32)** 26.05.22 **(33)** GB
(43) 30.11.2023
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(74) Spruson & Ferguson
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- (71)** MUSHLABS GMBH
(11) AU-A-2023300413
(21) 2023300413 **(22)** 29.06.2023
(54) PRODUCTION OF A FUNGAL FERMENTATION MEDIUM FROM BREWER'S SPENT GRAIN
(51) Int. Cl.
C12N 1/14 (2006.01)
A23J 1/00 (2006.01)
A23J 3/20 (2006.01)
A23L 31/00 (2016.01)
C12N 1/22 (2006.01)
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(43) 04.01.2024
(72) GODARD, Thibault; DELGADO MONTUFAR, Daniel Alejandro; SHARMA, Tripti; AYASS, Wassim W.
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- (71)** NATIONAL INSTITUTE OF PLANT GENOME RESEARCH
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(21) 2023290708 **(22)** 15.06.2023
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<p>(71) NATIVE DIGITAL S.A. (11) AU-A-2023284117 (21) 2023284117 (22) 30.05.2023 (54) METHOD AND SYSTEM FOR THE UNEQUIVOCAL CHARACTERIZATION OF A PRODUCT BY MEANS OF AN INTELLIGENT PAINT (51) Int. Cl. H04L 9/32 (2006.01) (87) WO2023/237964 (31) 102022000012245 (32) 09.06.22 (33) IT (43) 14.12.2023 (72) BIONDI, Davide; BIONDI, Andrea (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) NESTE OYJ (11) AU-A-2023307548 (21) 2023307548 (22) 04.07.2023 (54) IMPROVED METHOD FOR PROCESSING LIQUEFIED WASTE PLASTICS (51) Int. Cl. C10G 1/00 (2006.01) C10G 1/10 (2006.01) C10G 19/02 (2006.01) (87) WO2024/013430 (31) 22184301.4 (32) 12.07.22 (33) EP 20225658 12.07.22 FI (43) 18.01.2024 (72) PAASIKALLIO, Ville; WANG, Min; PASANEN, Antti; KAUPPI, Inkeri (74) Spruson & Ferguson</p>	<p>(71) NIAGARA BOTTLING, LLC (11) AU-A-2023293105 (21) 2023293105 (22) 14.06.2023 (54) SYSTEM FOR REDUCING ROLLED STOCK WASTE (51) Int. Cl. B65H 19/18 (2006.01) B65H 26/06 (2006.01) (87) WO2023/245071 (31) 63/352,126 (32) 14.06.22 (33) US (43) 21.12.2023 (72) HUNT, Jayson, P.; PASTORE, Colin, J.; RUBEN, Daren, A.; PIZARRO CRUZ, Jesus, A.; ROBINSON, Darren, P. (74) Spruson & Ferguson</p>
<p>(71) NEOFLOW TECHNOLOGIES LTD (11) AU-A-2023284376 (21) 2023284376 (22) 06.06.2023 (54) BLOOD VESSEL SPASM RELIEF DEVICE (51) Int. Cl. A61B 18/14 (2006.01) A61N 1/05 (2006.01) A61N 1/36 (2006.01) (87) WO2023/238030 (31) 63/350,060 (32) 08.06.22 (33) US (43) 14.12.2023 (72) SKOROHOD, David (74) Collison & Co</p>	<p>(71) NESTE OYJ (11) AU-A-2023308404 (21) 2023308404 (22) 09.06.2023 (54) REMOVAL OF SILICON FROM DE-POLYMERIZED OIL (51) Int. Cl. C10G 1/08 (2006.01) C10G 1/10 (2006.01) (87) WO2024/013424 (31) 22184304.8 (32) 12.07.22 (33) EP 20225660 12.07.22 FI (43) 18.01.2024 (72) HAKALA, Kimmo; MORELIUS, Valeria; PAASIKALLIO, Ville; QURESHI, Muhammad Saad (74) Spruson & Ferguson</p>	<p>(71) NICHOLSON MANUFACTURING LTD. (11) AU-A-2023308540 (21) 2023308540 (22) 13.07.2023 (54) SELF-SHARPENING KNIFE TIP (51) Int. Cl. B27L 11/08 (2006.01) B22F 7/06 (2006.01) B22F 7/08 (2006.01) B22F 10/25 (2021.01) B27L 1/08 (2006.01) B33Y 80/00 (2015.01) (87) WO2024/015523 (31) 63/389,794 (32) 15.07.22 (33) US (43) 18.01.2024 (72) PAGEL, Eric Grant; LEFSRUD, Jorgen Carl; BOWDEN, James Buckley (74) Davies Collison Cave Pty Ltd</p>
<p>(71) NESTE OYJ (11) AU-A-2023301554 (21) 2023301554 (22) 30.06.2023 (54) AN AVIATION FUEL COMPONENT (51) Int. Cl. 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 55/06 (2006.01) C10G 65/12 (2006.01) C10L 1/02 (2006.01) (87) WO2024/003463 (31) 20225603 (32) 30.06.22 (33) FI 20225604 30.06.22 FI 20225605 30.06.22 FI 20225606 30.06.22 FI 20225607 30.06.22 FI 20225608 30.06.22 FI 20225609 30.06.22 FI 20226071 02.12.22 FI</p>	<p>(71) NGK INSULATORS, LTD. (11) AU-A-2023288272 (21) 2023288272 (22) 19.06.2023 (54) REGENERATION METHOD FOR ACIDIC GAS ADSORPTION DEVICE, AND MANUFACTURING METHOD FOR ACIDIC GAS ADSORPTION DEVICE (51) Int. Cl. B01D 53/04 (2006.01) C01B 32/50 (2017.01) (87) WO2023/248967 (31) 2022-098602 (32) 20.06.22 (33) JP 2022-190913 30.11.22 JP (43) 28.12.2023 (72) OKUMA Yusuke; SHIBAGAKI Yukinari; KAN Hirofumi; IIDA Kazuki; TORII Atsushi; NAKAGAWA Kosuke (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) NIPPON STEEL CORPORATION (11) AU-A-2023282694 (21) 2023282694 (22) 09.06.2023 (54) ZN-AL-MG HOT-DIP PLATED STEEL SHEET (51) Int. Cl. C23C 2/06 (2006.01) C22C 18/00 (2006.01) C22C 18/04 (2006.01) C23C 2/02 (2006.01) C23C 2/40 (2006.01) (87) WO2023/238934 (31) 2022-094346 (32) 10.06.22 (33) JP (43) 14.12.2023 (72) TOBA Tetsuya; KAWAMURA Yasuaki; KOHIGASHI Yusuke; TANAKA Tomohito (74) Spruson & Ferguson</p>
<p>(71) NGUYEN, H.T. (11) AU-A-2024261874 (21) 2024261874 (22) 10.04.2024</p>		

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 (21) 2023288879 (22) 19.06.2023
 (54) PLATED STEEL SHEET
 (51) Int. Cl.
 C23C 2/06 (2006.01)
 C22C 18/04 (2006.01)
 C23C 2/26 (2006.01)
 C23C 2/40 (2006.01)
 (87) WO2023/248975
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 (72) MITSUNOBU Takuya; URANAKA Mas-
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 (54) METAL PIPE FOR OIL WELLS
 (51) Int. Cl.
 F16L 15/04 (2006.01)
 (87) WO2024/005167
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 KURANISHI, Takao; ISHII, Kazuya;
 YAMAOKA, Ikuro
 (74) Spruson & Ferguson

(71) NIU, G.; TAN, H.
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 (21) 2023267699 (22) 21.04.2023
 (54) SIRNA SPECIFICALLY BINDING TO
 CD206 OF M2 MACROPHAGE AND
 USE THEREOF
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 48/00 (2006.01)
 A61P 35/00 (2006.01)
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 (21) 2023319875 (22) 04.08.2023
 (54) HARD SURFACE CLEANING COM-
 POSITION AND CLEANING METHOD
 (51) Int. Cl.
 C11D 3/386 (2006.01)
 C12N 9/20 (2006.01)
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 B01J 13/00 (2006.01)
 C01B 33/32 (2006.01)
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 Dong Hee; CHOI, Jeong Won; PARK,
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 Yeong Jun; JUNG, Sun Yong
 (74) WRAYS PTY LTD

(71) OCADO INNOVATION LIMITED
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 (21) 2023273932 (22) 09.05.2023
 (54) ITEM TRANSFER SYSTEM AND
 STORAGE AND RETRIEVAL SYSTEM
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 B65G 1/04 (2006.01)
 B65D 77/04 (2006.01)
 B65G 1/137 (2006.01)
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 (31) 2207149.2 (32) 16.05.22 (33) GB
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 (74) James & Wells Intellectual Property

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 (21) 2023280059 (22) 31.05.2023
 (54) A SYSTEM AND METHOD FOR
 MEASURING PERFORMANCE
 (51) Int. Cl.
 A63B 24/00 (2006.01)
 (87) WO2023/230660
 (31) 2022901486 (32) 31.05.22 (33) AU
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 (72) GRAHAM, Kenneth; BAKER, Neil; FRI-
 DAY, Kurt
 (74) Chrysilou IP

(71) ORGLMEISTER, A.
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 (21) 2023278233 (22) 10.05.2023
 (54) METHOD FOR GENERATING A COM-
 POSITE CIRCULAR IMAGE OR CIR-
 CULAR RING IMAGE
 (51) Int. Cl.
 G06V 10/10 (2022.01)
 G06T 3/40 (2006.01)
 (87) WO2023/232414
 (31) 10 2022 113 479.2 (32) 29.05.22 (33) DE
 (43) 07.12.2023
 (72) ORGLMEISTER, Albert
 (74) Griffith Hack

(71) OWENS-BROCKWAY GLASS CON-
 TAINER INC.
 (11) AU-A-2023307913
 (21) 2023307913 (22) 11.07.2023
 (54) MELTING FURNACES AND CHAR-
 GING OF MELTING FURNACES
 (51) Int. Cl.
 C03B 3/00 (2006.01)
 C03B 5/235 (2006.01)

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 (31) 17/861,993 (32) 11.07.22 (33) US
 (43) 18.01.2024
 (72) WILL, Steven; HOLMES, Kirk;
 BASTARRACHEA, Karin Gabriela;
 PLUMBO, Victor A.
 (74) Spruson & Ferguson

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 TECHNOLOGY TOOLS LIMITED
 (11) AU-A-2023220938
 (21) 2023220938 (22) 10.05.2023
 (54) CRYOGENIC COOLING SYSTEM
 (51) Int. Cl.
 F25B 9/12 (2006.01)
 (87) WO2023/156801
 (31) 2207170.8 (32) 16.05.22 (33) GB
 (43) 24.08.2023
 (72) JIANG, Linshu; BRZAKALIK, Robin;
 WILKINSON, Chris; MATTHEWS, An-
 thony; MARTIN, Matthew; POOLE,
 Timothy; FOSTER, Tim
 (74) FB Rice Pty Ltd

(71) OYSTER POINT PHARMA, INC.
 (11) AU-A-2023281071
 (21) 2023281071 (22) 05.06.2023
 (54) AAV VECTOR ENCODING DIAMINE
 OXIDASE AND USES THEREOF
 (51) Int. Cl.
 C12N 15/864 (2006.01)
 A61K 35/76 (2015.01)
 A61K 38/44 (2006.01)
 A61K 48/00 (2006.01)
 A61P 3/00 (2006.01)
 A61P 7/00 (2006.01)
 (87) WO2023/235897
 (31) 63/348,856 (32) 03.06.22 (33) US
 63/383,026 09.11.22 US
 (43) 07.12.2023
 (72) CARLSON, Eric, C.; NAU, Jeffrey, Alan
 (74) FB Rice Pty Ltd

(71) PEOPLE CENTER, INC.
 (11) AU-A-2023289641
 (21) 2023289641 (22) 16.06.2023
 (54) SYSTEMS, METHODS, USER INTER-
 FACES, AND DEVELOPMENT ENVIR-
 ONMENTS FOR A DATA MANAGER
 (51) Int. Cl.
 G06F 16/25 (2019.01)
 G06F 8/34 (2018.01)
 (87) WO2023/249898
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 (43) 28.12.2023
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 Ishan; GUPTA, Abhishek; BANSAL, Ab-
 hishek; RAMBHIYA, Dipesh Jayantilal;
 GUNDA, Siddhartha; ZHAO, Lei; BO-
 STON, Kyle Michael
 (74) GLMR

(71) PERFETTI VAN MELLE S.P.A.
 (11) AU-A-2023269397
 (21) 2023269397 (22) 09.05.2023

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 (51) Int. Cl.
A23G 3/42 (2006.01)
A23G 3/48 (2006.01)
A23L 29/212 (2016.01)
A23L 29/231 (2016.01)
A23L 29/281 (2016.01)
 (87) WO2023/218335
 (31) 10202200009458 (32) 09.05.22 (33) IT
 (43) 16.11.2023
 (72) VITALE, Consiglia; CAPELLETTI, Claudia
 (74) WRAYS PTY LTD
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- (71) PFIZER INC.
 (11) AU-A-2023294103
 (21) 2023294103 (22) 14.06.2023
 (54) IL-12 VARIANTS, ANTI-PD1 ANTIBODIES, FUSION PROTEINS, AND USES THEREOF
 (51) Int. Cl.
C07K 14/54 (2006.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
 (87) WO2023/242769
 (31) 63/353,241 (32) 17.06.22 (33) US
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 (43) 21.12.2023
 (72) APGAR, James Reasoner; CHAPARRO RIGGERS, Javier Fernando; CHU, Ling Hon Matthew; HUANG, Tzu-Hsuan; MOHAN, Kritika; MOSYAK, Lidia; PASCUA, Edward Derrick; PATTERSON, James Travis; STARBECK-MILLER, Gabriel Roy; ZAJONC, Dirk Michael
 (74) Spruson & Ferguson
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- (71) PFIZER INC.
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 (21) 2023302139 (22) 30.06.2023
 (54) PYRIDO[4,3-D]PYRIMIDINE COMPOUNDS
 (51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/55 (2006.01)
C07D 519/00 (2006.01)
 (87) WO2024/009191
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 (74) Allens Patent & Trade Mark Attorneys
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C12N 9/22 (2006.01)
C12N 15/11 (2006.01)
C12N 15/85 (2006.01)
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B29B 13/02 (2006.01)
B29B 17/00 (2006.01)
B29B 17/04 (2006.01)
C08J 11/06 (2006.01)
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 (51) Int. Cl.
H01Q 1/42 (2006.01)
H01Q 1/32 (2006.01)
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 (21) 2023264245 (22) 02.05.2023
 (54) PRE-TARGETING
 (51) Int. Cl.
A61K 51/04 (2006.01)
A61K 51/10 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
A61K 39/00 (2006.01)
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D21J 3/10 (2006.01)
B32B 5/26 (2006.01)
B65D 1/02 (2006.01)
D21J 7/00 (2006.01)
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 (31) 2209797.6 (32) 04.07.22 (33) GB
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A01N 33/08 (2006.01)
A01P 1/00 (2006.01)
A01P 3/00 (2006.01)
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A01K 97/02 (2006.01)
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 (72) EL SAYED, Mohamed Nader; FOSTER-POLLARD, Oliver
 (74) Origin Patent and Trade Mark Attorneys
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A61K 9/14 (2006.01)
A61K 9/20 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/437 (2006.01)
A61P 25/00 (2006.01)
C07D 209/16 (2006.01)
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A61G 5/12 (2006.01)
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(72) DAFF, Ashley; MAIN, Rhys; HEPBURN, Ross
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(54) MULTISPECIFIC MOLECULES FOR MODULATING T-CELL ACTIVITY, AND USES THEREOF
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A61K 38/03 (2006.01)
A61K 38/17 (2006.01)
A61P 31/12 (2006.01)
C07K 16/28 (2006.01)
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(21) 2023265093 **(22)** 05.05.2023
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F16L 37/084 (2006.01)
F16L 17/02 (2006.01)
F16L 37/113 (2006.01)
F16L 41/02 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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A61P 37/02 (2006.01)
C07K 14/435 (2006.01)
C07K 16/00 (2006.01)
C07K 16/28 (2006.01)
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(54) MACROCYCLIC RAS INHIBITORS
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A61P 35/00 (2006.01)
A61K 31/504 (2006.01)
C07D 498/12 (2006.01)
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(54) FORMULATIONS FOR ANTI-INSULIN RECEPTOR ANTIBODY AND USES THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
A61P 3/10 (2006.01)
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F24H 1/18 (2022.01)
F24H 1/00 (2022.01)
B21D 51/18 (2006.01)
F24H 9/02 (2006.01)
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H10N 69/00 (2023.01)
G06N 10/40 (2022.01)
H01L 23/552 (2006.01)
H01L 23/66 (2006.01)
H01L 25/18 (2023.01)
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F23D 14/62 (2006.01)
F23L 13/02 (2006.01)
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(54) ELECTRICAL POWER POINT
(51) Int. Cl.
H01R 35/04 (2006.01)
H01R 12/70 (2011.01)
H01R 13/11 (2006.01)
H01R 13/187 (2006.01)
H01R 13/20 (2006.01)
H01R 13/42 (2006.01)

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H01R 24/20 (2011.01)
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(21) 2023264361 **(22)** 02.05.2023
(54) MILK CHANNEL AND FEED INLET COUPLED THERETO, AND SYSTEM AND METHOD ASSOCIATED THEREWITH
(51) Int. Cl.
A01J 5/01 (2006.01)
A01J 7/02 (2006.01)
G01K 3/02 (2006.01)
G01N 27/10 (2006.01)
G01N 33/04 (2006.01)
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(51) Int. Cl.
E06B 9/322 (2006.01)
E06B 9/58 (2006.01)
F16G 11/10 (2006.01)
A47H 5/032 (2006.01)
E06B 9/326 (2006.01)
(87) WO2023/229969
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(72) LYNCH, William; BARCLIFT, Michael
(74) Spruson & Ferguson
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(21) 2023287408 **(22)** 20.06.2023
(54) SYSTEM AND METHOD FOR CROSSLINKING A CONTINUOUS MAT OF MINERAL AND/OR VEGETABLE FIBERS
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/294 (2021.01)
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(11) AU-A-2023289501
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(54) SYSTEM AND METHOD FOR MANUFACTURING A CONTINUOUS MAT OF MINERAL AND/OR VEGETABLE FIBERS
(51) Int. Cl.
D04H 1/4209 (2012.01)
B29C 35/04 (2006.01)
B29C 35/06 (2006.01)
D04H 1/4218 (2012.01)
D04H 1/4226 (2012.01)
D04H 1/645 (2012.01)
F27B 9/10 (2006.01)
F27B 9/24 (2006.01)
F27D 17/00 (2006.01)
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(54) A SWING JAW OF A JAW CRUSHER
(51) Int. Cl.
B02C 1/02 (2006.01)
B02C 1/04 (2006.01)
B02C 1/10 (2006.01)
(87) WO2023/247408
(31) 22180049.3 **(32)** 21.06.22 **(33)** EP
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(51) Int. Cl.
B02C 1/04 (2006.01)
(87) WO2023/247601
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(43) 28.12.2023
(72) GRAYDON, Stuart; SMYTH, Stuart; BAXTER, Adam
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(51) Int. Cl.
B02C 1/02 (2006.01)
B02C 1/04 (2006.01)
B02C 1/10 (2006.01)
(87) WO2023/247409
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(11) AU-A-2023265481
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A61K 39/02 (2006.01)
A61P 31/04 (2006.01)

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B67D 3/00 (2006.01)
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(54) PURIFICATION OF TARGET MATERIAL FOR THE PRODUCTION OF RADIATION-ISOTOPIES
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G21G 1/00 (2006.01)
B01D 17/00 (2006.01)
C22B 60/00 (2006.01)
(87) WO2023/247788
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(72) MAERTENS, Dominic; DE PEUTER, Jolan
(74) Spruson & Ferguson
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(54) INTRACELLULAR LIGATION OF PHOTOCATALYSTS FOR PHOTORESPONSIVE, PROBE-MEDIATED PROTEIN LABELING
(51) Int. Cl.
G01N 33/68 (2006.01)
B01J 31/18 (2006.01)
B01J 35/00 (2006.01)
C07F 15/00 (2006.01)
C12N 9/14 (2006.01)
G01N 33/50 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(54) RETAIL SECURITY ASSEMBLY
(51) Int. Cl.
E05B 73/00 (2006.01)
(87) WO2023/233162
(31) 2208092.3 **(32)** 01.06.22 **(33)** GB
(43) 07.12.2023
(72) PRYCE-HALL, Timothy; PRICE, Edward
(74) Murray Trento & Associates Pty Ltd
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(21) 2023288492 **(22)** 02.05.2023
(54) DETACHING A SECURITY TAG FROM AN ARTICLE WITH A MAGNETIC DETACHER HAVING A MOVABLE BLOCKER
(51) Int. Cl.
G08B 13/24 (2006.01)
E05B 73/00 (2006.01)
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(74) Spruson & Ferguson
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- (71)** SERVER TECHNOLOGY, INC.
(11) AU-A-2023283726
(21) 2023283726 **(22)** 06.06.2023
(54) PER OUTLET RESIDUAL CURRENT MONITORING FOR POWER DISTRIBUTION UNITS
(51) Int. Cl.
G01R 31/52 (2020.01)
H02H 3/16 (2006.01)
H02H 3/26 (2006.01)
H02H 3/28 (2006.01)
G01R 31/50 (2020.01)
H02H 3/30 (2006.01)
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H02H 3/34 (2006.01)
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(72) ANDERSON, Swen; SUCHOFF, Michael; MASKALY, James, P.
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(21) 2023229468 **(22)** 15.08.2023
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B23B 25/00 (2006.01)
(31) 202310645533.4 **(32)** 31.05.23 **(33)** CN
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(11) AU-A-2023268441
(21) 2023268441 **(22)** 10.05.2023
(54) PERMEABLE BACKING AND TUFTED ARTICLES COMPRISING SAID BACKING
(51) Int. Cl.
E01C 13/08 (2006.01)
A47G 27/02 (2006.01)
B32B 5/02 (2006.01)
D03D 27/02 (2006.01)
D05C 15/04 (2006.01)
D05C 17/02 (2006.01)
D06N 7/00 (2006.01)
E01C 13/02 (2006.01)
(87) WO2023/220130
(31) 63/347,069 **(32)** 31.05.22 **(33)** US
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(43) 16.11.2023
(72) FOWLER, Gregory, D.; MATHIS, Michael
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2023266586
(21) 2023266586 **(22)** 12.05.2023
(54) PANTYHOSE ARTICLE HAVING ULTRA-HIGH MOLECULAR WEIGHT POLYETHYLENE AND METHOD FOR MANUFACTURING THEREOF
(51) Int. Cl.
A41B 11/14 (2006.01)
A41B 17/00 (2006.01)
D04B 1/16 (2006.01)
(87) WO2023/215999
(31) 63/341,160 **(32)** 12.05.22 **(33)** US
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(72) BRISSON, Annie; BOUSQUET, Eric; HOMUTH, Zakary; LAW, Ky; PINON, Anel
(74) Griffith Hack
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(11) AU-A-2023298136
(21) 2023298136 **(22)** 29.06.2023
(54) PROCESS FOR PRODUCING KEROSENE AND/OR DIESEL FROM RE-NEWABLE SOURCES
(51) Int. Cl.
C10G 3/00 (2006.01)
C10G 45/58 (2006.01)
C10G 47/02 (2006.01)
C10G 65/12 (2006.01)
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A61F 2/24 (2006.01)
A61M 25/01 (2006.01)
A61B 17/00 (2006.01)
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C02F 1/28 (2023.01)
B01D 15/04 (2006.01)
C02F 5/02 (2023.01)
G21G 4/00 (2006.01)
C02F 1/66 (2023.01)
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B64U 10/10 (2023.01)
G05D 1/20 (2024.01)
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A61B 5/266 (2021.01)
A61B 5/28 (2021.01)
A61B 5/291 (2021.01)
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A61N 1/36 (2006.01)
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H05K 7/20 (2006.01)
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B65D 85/804 (2006.01)
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 (54) BEVERAGE OR FOODSTUFF PREPARATION SYSTEM
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A47J 31/44 (2006.01)
A47J 31/36 (2006.01)
A47J 31/52 (2006.01)
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 (51) Int. Cl.
A47J 31/36 (2006.01)
A47J 31/44 (2006.01)
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B65D 85/804 (2006.01)
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 (51) Int. Cl.
A47J 31/36 (2006.01)
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A47J 31/52 (2006.01)
B65D 85/804 (2006.01)
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F41F 7/00 (2006.01)
B64G 1/40 (2006.01)
B64G 1/64 (2006.01)
B64G 5/00 (2006.01)
F41B 3/00 (2006.01)
F41B 6/00 (2006.01)
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A01F 29/09 (2010.01)
A01F 29/12 (2006.01)
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A61K 9/00 (2006.01)
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A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
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B07B 13/00 (2006.01)
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C12M 1/42 (2006.01)
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B63H 1/20 (2006.01)
B64C 11/20 (2006.01)
B64C 11/48 (2006.01)
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(51) Int. Cl.
B01J 3/00 (2006.01)
B01J 7/00 (2006.01)
B01J 19/12 (2006.01)
C01B 3/04 (2006.01)
C01B 13/02 (2006.01)
F24S 20/20 (2018.01)
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(54) METHOD FOR SCREENING STEVIA PLANT
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C12Q 1/6895 (2018.01)
A01H 6/14 (2018.01)
A23L 33/105 (2016.01)
C12N 15/11 (2006.01)
C12P 15/00 (2006.01)
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C07D 213/55 (2006.01)
A01N 43/40 (2006.01)
A01P 13/02 (2006.01)
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C12N 15/86 (2006.01)
A61K 35/76 (2015.01)
A61K 48/00 (2006.01)
A61P 43/00 (2006.01)
C12N 5/10 (2006.01)
C12N 7/01 (2006.01)
C12N 15/12 (2006.01)
C12N 15/37 (2006.01)
C12N 15/48 (2006.01)
C12N 15/52 (2006.01)
C12N 15/63 (2006.01)
C12N 15/66 (2006.01)
C12N 15/861 (2006.01)
C12N 15/863 (2006.01)
C12N 15/864 (2006.01)
C12N 15/867 (2006.01)
C12N 15/869 (2006.01)
C40B 40/08 (2006.01)
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C12N 15/86 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 7/01 (2006.01)
C12N 15/11 (2006.01)
C12N 15/35 (2006.01)
C12N 15/38 (2006.01)
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C12N 15/864 (2006.01)
C12N 15/867 (2006.01)
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A61P 17/00 (2006.01)
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C07K 16/28 (2006.01)
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C07B 59/00 (2006.01)
A61K 51/04 (2006.01)
A61K 51/08 (2006.01)
C07D 257/02 (2006.01)
C07D 259/00 (2006.01)
C07D 403/12 (2006.01)
C07D 409/12 (2006.01)
C07F 5/00 (2006.01)
C07F 7/12 (2006.01)
C07K 1/13 (2006.01)
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C07K 5/068 (2006.01)
C07K 7/64 (2006.01)
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(11) AU-A-2022461959
(21) 2022461959 (22) 31.05.2022
(54) ENSURING BACKWARDS COMPATIBILITY BETWEEN A SUPERVISORY SYSTEM AND ON-DEVICE CONTROL SOFTWARE
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G06F 8/71 (2018.01)
E21B 44/00 (2006.01)
G06F 8/61 (2018.01)
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G06F 9/54 (2006.01)
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(72) CARTWRIGHT, Joel; COOK, Steven Mark; INNES, Christopher
(74) Blackwattle IP
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(21) 2023264140 (22) 27.04.2023
(54) RESTORATION OF MULTICAST OR BROADCAST SESSION
- (51) Int. Cl.
H04L 45/28 (2022.01)
H04W 4/06 (2009.01)
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H04W 8/18 (2009.01)
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A61K 31/506 (2006.01)
A61P 25/30 (2006.01)
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(11) AU-A-2023281714
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(54) ANTI-CD20 ANTIBODY COMPOSITIONS
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C07K 16/00 (2006.01)
A61K 39/395 (2006.01)
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 G01D 18/00 (2006.01)
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 (51) Int. Cl.
 G16B 20/40 (2019.01)
 C12Q 1/6827 (2018.01)
 G01N 33/564 (2006.01)
 G16B 20/20 (2019.01)
 G16B 25/10 (2019.01)
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 (72) LI, Jin Billy; LI, Qin
 (74) FB Rice Pty Ltd
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 (54) CORROSION RESISTANT ADHESIVE SOL-GEL
 (51) Int. Cl.
 C09D 5/08 (2006.01)
 B05D 7/00 (2006.01)
 B05D 7/14 (2006.01)
 C09D 4/00 (2006.01)
 C09D 7/63 (2018.01)
 C23C 22/00 (2006.01)
 (87) WO2023/215893
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 (72) SCHUETTE, Wayne M.
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 G06F 3/04845 (2022.01)
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 C07D 401/06 (2006.01)
 A61K 31/48 (2006.01)
 A61P 25/28 (2006.01)
 C07D 457/04 (2006.01)
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 (74) Kings Patent & Trade Marks Attorneys Pty Ltd
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 C07K 16/28 (2006.01)
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 A01D 34/63 (2006.01)
 A01D 34/68 (2006.01)
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 A61L 15/44 (2006.01)
 A61K 9/70 (2006.01)
 A61F 13/00 (2006.01)
 A61L 15/18 (2006.01)
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 C12Q 1/6876 (2018.01)
 A61B 5/00 (2006.01)
 A61B 10/00 (2006.01)
 G01N 33/50 (2006.01)
 G16B 5/20 (2019.01)
 G16H 20/10 (2018.01)
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F16K 7/02 (2006.01)
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A61B 8/12 (2006.01)
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C07F 9/572 (2006.01)
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F25B 49/00 (2006.01)
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B65B 5/10 (2006.01)
B25J 9/00 (2006.01)
B25J 15/06 (2006.01)
B25J 19/02 (2006.01)
B65B 25/04 (2006.01)
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B65G 17/24 (2006.01)
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C07C 53/128 (2006.01)
A61K 31/19 (2006.01)
A61K 31/215 (2006.01)
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A61P 3/00 (2006.01)
C07C 233/47 (2006.01)
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A01N 57/20 (2006.01)
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C07K 5/117 (2006.01)
A61P 35/00 (2006.01)
C12Q 1/37 (2006.01)
G01N 33/574 (2006.01)
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H04N 23/74 (2023.01)
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A61F 2/07 (2013.01)
A61B 17/00 (2006.01)
A61B 17/11 (2006.01)
A61B 17/22 (2006.01)
A61B 90/00 (2016.01)
A61F 2/915 (2013.01)
A61M 1/36 (2006.01)
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C25B 1/27 (2021.01)
C25B 11/091 (2021.01)
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H04L 9/40 (2022.01)
H04L 41/08 (2022.01)
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H04W 76/10 (2018.01)

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C07D 211/14 (2006.01)
A61K 31/445 (2006.01)
A61P 35/00 (2006.01)
C07D 211/18 (2006.01)
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C07D 211/40 (2006.01)
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(51) Int. Cl.
C07D 205/06 (2006.01)
A61K 31/437 (2006.01)
A61K 31/465 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/50 (2006.01)
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07C 317/08 (2006.01)
C07D 213/81 (2006.01)
C07D 213/82 (2006.01)
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C07D 241/24 (2006.01)
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B65H 26/00 (2006.01)
B65H 23/195 (2006.01)
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(72) VAN VOORN, Patrick; JOCHEMSEN, Cornelis Jan
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(71) VOIDLESS S.R.L.
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(51) Int. Cl.
B65B 5/02 (2006.01)
B65B 5/06 (2006.01)
B65B 35/30 (2006.01)
B65B 35/58 (2006.01)
B65B 43/10 (2006.01)
B65B 57/12 (2006.01)
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B65B 65/00 (2006.01)
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(72) RIVA, Guglielmo Franco; BERTOLANI, Mattia; VILLANI, Carlo; KAIDANOVIC, Daniel
(74) PHILLIPS ORMONDE FITZPATRICK

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H01M 8/04186 (2016.01)
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H01M 8/18 (2006.01)
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(51) Int. Cl.

C12P 13/04 (2006.01)
C12P 13/00 (2006.01)
C12P 21/02 (2006.01)
C12P 7/52 (2006.01)
(87) WO2023/230041
(31) 63/345,296 **(32)** 24.05.22 **(33)** US
(43) 30.11.2023
(72) YU, Dihui; SHANG, Rick
(74) Griffith Hack

(71) WACKER CHEMIE AG
(11) AU-A-2022482741
(21) 2022482741 **(22)** 19.10.2022
(54) FLOORING STRUCTURE FOR REDUCING FLOOR IMPACT SOUND BY USING HYBRID ADHESIVE AND MANUFACTURING METHOD THEREFOR
(51) Int. Cl.
B32B 5/18 (2006.01)
B32B 3/30 (2006.01)
B32B 7/12 (2006.01)
B32B 9/00 (2006.01)
B32B 9/04 (2006.01)
B32B 21/04 (2006.01)
B32B 27/06 (2006.01)
B32B 27/30 (2006.01)
(87) WO2024/083327
(43) 25.04.2024
(72) KIM, JungSoo; KANG, Chul-kyu
(74) Griffith Hack

(71) WEBB, T.
(11) AU-A-2023283678
(21) 2023283678 **(22)** 06.06.2023
(54) A BOTULINUM TOXIN SYRINGE
(51) Int. Cl.
A61M 5/31 (2006.01)
A61K 8/64 (2006.01)
A61Q 19/08 (2006.01)
C07K 14/33 (2006.01)
(87) WO2023/235918
(31) 2022901550 **(32)** 07.06.22 **(33)** AU
(43) 14.12.2023
(72) WEBB, Thomas
(74) Patentec Patent Attorneys

(71) WELL LEAD MEDICAL CO., LTD.
(11) AU-A-2023266891
(21) 2023266891 **(22)** 12.05.2023
(54) STENT AND IMPLANTATION DEVICE THEREOF
(51) Int. Cl.
A61M 25/14 (2006.01)
A61F 2/82 (2013.01)
(87) WO2023/217269
(31) 202221163845.9 **(32)** 13.05.22 **(33)** CN
(43) 16.11.2023
(72) WAN, SHAW PONG; ZOU, Wenlong; DUAN, Songfeng
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) WILDE, L.T.J.
(11) AU-A-2023310738
(21) 2023310738 **(22)** 17.07.2023
(54) HARNESS VEHICLE
(51) Int. Cl.

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B62B 5/06 (2006.01)
A45F 3/04 (2006.01)
A45F 3/08 (2006.01)
A45F 3/10 (2006.01)
A45F 3/14 (2006.01)
B62B 5/00 (2006.01)
B62B 5/08 (2006.01)
(87) WO2024/019973
(31) 63/390,285 **(32)** 18.07.22 **(33)** US
 63/462,489 27.04.23 US
(43) 25.01.2024
(72) WILDE, Larry, T., Jr.
(74) LAMINAR IP PTY LTD

(71) WISTA LABORATORIES LTD.
(11) AU-A-2023279800
(21) 2023279800 **(22)** 30.05.2023
(54) TREATMENT OF NEURODEGENERATIVE DISORDERS UTILISING METHYLTHIONIUM (MT)-CONTAINING COMPOUNDS
(51) Int. Cl.
A61K 31/5415 (2006.01)
A61P 25/28 (2006.01)
(87) WO2023/232764
(31) 2208038.6 **(32)** 31.05.22 **(33)** GB
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(72) WISCHIK, Claude Michel; STOREY, John Mervyn David; SCHELTER, Björn Olaf
(74) FB Rice Pty Ltd

(71) WONDERLAND SWITZERLAND AG
(11) AU-A-2023269236
(21) 2023269236 **(22)** 11.05.2023
(54) LIMITING DEVICE, CANOPY MOUNTING STRUCTURE, AND CHILD CARRIER
(51) Int. Cl.
B62B 7/06 (2006.01)
B62B 9/12 (2006.01)
(87) WO2023/217975
(31) 202210536960.4 **(32)** 11.05.22 **(33)** CN
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 202211253970.3 13.10.22 CN
(43) 16.11.2023
(72) YANG, Tao
(74) Griffith Hack

(71) XERO LIMITED
(11) AU-A-2022460169
(21) 2022460169 **(22)** 30.11.2022
(54) METHODS AND SYSTEMS FOR PREDICTING CASH FLOW
(51) Int. Cl.
G06N 3/04 (2023.01)
G06N 20/00 (2019.01)
G06Q 20/22 (2012.01)
G06Q 40/02 (2023.01)
G06Q 40/12 (2023.01)
G06N 20/20 (2019.01)
G06Q 20/40 (2012.01)
G06Q 20/42 (2012.01)
G06Q 40/00 (2023.01)
(87) WO2023/229473
(31) 2022901440 **(32)** 27.05.22 **(33)** AU

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(72) DOAN, Danny; QIN, Allen; DRIDAN, Rebecca; CHEAH, Soon-Ee
(74) FB Rice Pty Ltd

(71) XERO LIMITED
(11) AU-A-2022461605
(21) 2022461605 **(22)** 31.05.2022
(54) GRAPHICAL USER INTERFACE
(51) Int. Cl.
G06F 3/048 (2013.01)
G06F 3/0484 (2022.01)
(87) WO2023/234785
(43) 07.12.2023
(72) DIAZ, Diego Granados; DOWARD, Hayden Thomas
(74) FB Rice Pty Ltd

(71) XERO LIMITED
(11) AU-A-2023275277
(21) 2023275277 **(22)** 24.04.2023
(54) METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING MODELS FOR PREDICTING REOCCURRING TRANSACTIONS
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 16/28 (2019.01)
G06F 18/22 (2023.01)
G06F 18/23 (2023.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
(87) WO2023/229474
(31) 2022901440 **(32)** 27.05.22 **(33)** AU
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(43) 30.11.2023
(72) DOAN, Danny; QIN, Allen; DRIDAN, Rebecca; CHEAH, Soon-Ee
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(71) XIZANG HAISCO PHARMACEUTICAL CO., LTD.
(11) AU-A-2023278399
(21) 2023278399 **(22)** 02.06.2023
(54) COMPOUND FOR INHIBITING OR DEGRADING BCL6 AND USE THEREOF IN PHARMACEUTICS
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4704 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07D 471/10 (2006.01)
C07D 487/04 (2006.01)
C07D 487/08 (2006.01)
C07D 487/10 (2006.01)
(87) WO2023/232133
(31) 202210619706.0 **(32)** 02.06.22 **(33)** CN
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(72) ZHANG, Chen; LIAO, Yuting; LU, Yonghua; LI, Yupeng; ZHAO, Junbin; TANG, Pingming; YU, Yan; LI, Yao; YAN, Pangke
(74) PHILLIPS ORMONDE FITZPATRICK

(71) YOSHINO GYPSUM CO., LTD.
(11) AU-A-2023291909
(21) 2023291909 **(22)** 22.02.2023
(54) FIREPROOF PARTITION WALL
(51) Int. Cl.
E04B 1/94 (2006.01)
E04B 2/74 (2006.01)
(87) WO2023/243150
(31) 2022-094924 **(32)** 13.06.22 **(33)** JP
(43) 21.12.2023
(72) YAMASHITA, Takuji; TSUKAMOTO, Shun; KOGUCHI, Ryohei
(74) Spruson & Ferguson

(71) YOSHINO GYPSUM CO., LTD.
(11) AU-A-2023316901
(21) 2023316901 **(22)** 21.04.2023
(54) INORGANIC BEARING SURFACE MATERIAL AND BEARING WALL
(51) Int. Cl.
E04B 2/56 (2006.01)
E04C 2/04 (2006.01)
(87) WO2024/024189
(31) 2022-118776 **(32)** 26.07.22 **(33)** JP
(43) 01.02.2024
(72) AKAI, Kozo; TSUKAMOTO, Shun; KOGUCHI, Ryohei
(74) Spruson & Ferguson

(71) ZHANG, C.; GAO, Y.
(11) AU-A-2023280305
(21) 2023280305 **(22)** 31.05.2023
(54) SYSTEM AND METHODS FOR PREDICTING GLAUCOMA INCIDENCE AND PROGRESSION USING RETINAL PHOTOGRAPHS
(51) Int. Cl.
A61B 3/12 (2006.01)
A61B 3/14 (2006.01)
G06N 3/08 (2023.01)
G06T 7/00 (2017.01)
(87) WO2023/235341
(31) 63/347,399 **(32)** 31.05.22 **(33)** US
(43) 07.12.2023
(72) ZHANG, Charlotte; GAO, Yuanxu
(74) Spruson & Ferguson

(71) ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.
(11) AU-A-2023283511
(21) 2023283511 **(22)** 02.06.2023
(54) VEHICLE DOOR OPENING AND CLOSING DEVICE AND VEHICLE
(51) Int. Cl.
E05D 15/58 (2006.01)
(87) WO2023/236854
(31) 202210639343.7 **(32)** 07.06.22 **(33)** CN

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(72) LU, Wen; HE, Da; FENG, Xianjing; YIN, Te; JIANG, Xiaoyuan; YANG, Dacheng
(74) Spruson & Ferguson
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- (71) ZODIAC POOL CARE EUROPE
(11) AU-A-2023268750
(21) 2023268750 (22) 09.05.2023
(54) SWIMMING POOL CLEANER WITH
MOTORIZED NOZZLE
(51) Int. Cl.
E04H 4/16 (2006.01)
(87) WO2023/218347
(31) 63/340,863 (32) 11.05.22 (33) US
(43) 16.11.2023
(72) BESNIER, Arnaud
(74) FB Rice Pty Ltd
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- (71) ZSCHIMMER & SCHWARZ, INC.
(11) AU-A-2023278998
(21) 2023278998 (22) 02.06.2023
(54) EPOXIDE COMPOUNDS, METH-
ODS OF PREPARATIONS AND USES
THEREOF
(51) Int. Cl.
C07D 301/12 (2006.01)
B01J 29/89 (2006.01)
B01J 31/02 (2006.01)
C07D 303/38 (2006.01)
(87) WO2023/235556
(31) 17/805,372 (32) 03.06.22 (33) US
(43) 07.12.2023
(72) PÉREZ, Antonio Leyva; MESEGUER,
Judit Oliver; ARNANDIS, Susi Hervàs;
PLACEK, Douglas G.
(74) FB Rice Pty Ltd
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- (71) ZTE CORPORATION
(11) AU-A-2023280257
(21) 2023280257 (22) 21.04.2023
(54) COMMUNICATION NODE, DATA
TRANSMISSION METHOD, AND
STORAGE MEDIUM
(51) Int. Cl.
H04L 67/141 (2022.01)
(87) WO2023/231638
(31) 202210613467.8 (32) 31.05.22 (33) CN
(43) 07.12.2023
(72) NIU, Li; DAI, Bo; LU, Ting; GAO, Yuan
(74) Davies Collison Cave Pty Ltd

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2022457584	FLUVES NV	2023267247	CABOSSE NATURALS NV
2022458960	VIASAT, INC.	2023267472	LONE STAR MARINE PTY LTD
2022460169	XERO LIMITED	2023267528	VAN DE ROER, C.; RUTHERFORD, S.
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2022460658	GREEN ENERGY STORAGE S.R.L.	2023267699	NIU, G.; TAN, H.
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2022461605	XERO LIMITED	2023267942	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS
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2022462805	HYUNDAI STEEL COMPANY	2023268029	BÜHLER AG
2022462839	KARSTEN MANUFACTURING CORPORATION	2023268060	MICROX LABS INC.
2022465538	ELECTRON VEXII CO., LTD.	2023268163	IMI SYSTEMS LTD.
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2022468175	EPIROC ROCK DRILLS AKTIEBOLAG	2023268495	BIOSAPIEN INC.
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2022470338	FARMLAND IRRIGATION RESEARCH INSTITUTE, CAAS	2023268677	MAREL RED MEAT B.V.
2022476849	HALLIBURTON ENERGY SERVICES, INC.	2023268750	ZODIAC POOL CARE EUROPE
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2022482741	WACKER CHEMIE AG	2023269197	DOVETAIL GENOMICS, LLC
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2023229468	SHANDONG UXG BEARING MANUFACTURING CO., LTD.	2023269236	WONDERLAND SWITZERLAND AG
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2023263589	DELICA AG	2023269517	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS
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2023264271	HENKEL AG & CO. KGAA	2023269965	APPLE INC.
2023264361	S.C.R. (ENGINEERS) LIMITED	2023270393	BESPOKE PROFILES LIMITED
2023264552	BIOSKRYB GENOMICS, INC.	2023270440	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
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2023265546	SPREAD-A-BALE LIMITED	2023271953	SPRINGWORKS THERAPEUTICS, INC.
2023265581	SLICIP, INC.	2023272116	ADAPTIVENDO LLC
2023265697	SYNPLOGEN CO., LTD.	2023272173	DICE ALPHA, INC.
2023265895	HELIX NANOTECHNOLOGIES INC	2023272397	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
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2023266446	METISA BIOTECHNOLOGY CO., LTD.; SHENYANG UNIVERSITY OF CHEMICAL TECHNOLOGY	2023273662	RIGETTI & CO, LLC
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2023266586	SHEERTEX INC.	2023273932	OCADO INNOVATION LIMITED
		2023274031	Q-LEAP TECHNOLOGY LIMITED
		2023274486	MAROTTA, C.
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		2023274972	MOLETEST LIMITED
		2023274977	BTL MEDICAL SOLUTIONS A.S.
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2023278784	SALUDA MEDICAL PTY LIMITED	2023283386	EISAI R&D MANAGEMENT CO., LTD.
2023278818	RHEEM MANUFACTURING COMPANY	2023283391	TYCO FIRE & SECURITY GMBH
2023278890	KRESS CORPORATION	2023283511	ZHEJIANG ZEEKR INTELLIGENT TECHNOLOGY CO., LTD.; ZHEJIANG GEELY HOLDING GROUP CO., LTD.
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2023278993	TROPHY SAS; CARESTREAM DENTAL LLC; UNIVERSITY OF TOURS; NATIONAL CENTRE FOR SCIENTIFIC RESEARCH; NATIONAL INSTITUTE OF APPLIED SCIENCES CENTRE VAL DE LOIRE; NATIONAL INSTITUTE OF HEALTH AND MEDICAL RESEARCH (INSERM)	2023283554	VACCINEX, INC.
2023278998	ZSCHIMMER & SCHWARZ, INC.	2023283678	WEBB, T.
2023279272	ADAMA AGAN LTD.	2023283726	SERVER TECHNOLOGY, INC.
2023279386	THE ARMSTRONG MONITORING CORPORATION	2023283773	RESEARCH DEVELOPMENT FOUNDATION
2023279726	ADICET THERAPEUTICS, INC.	2023283801	PPG INDUSTRIES OHIO, INC.
2023279800	WISTA LABORATORIES LTD.	2023283803	ELEMENT BIOSCIENCES, INC.
2023279913	COMPACT BV	2023284036	LABORATORY CORPORATION OF AMERICA HOLDINGS; UCL BUSINESS LTD; THE FRANCIS CRICK INSTITUTE LIMITED
2023279920	ADAMA MAKHTESHIM LTD.	2023284117	NATIVE DIGITAL S.A.
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2023280296	FOLDING HOLDINGS, LLC	2023284423	SLEEP SOLUTIONS OF TEXAS, LLC
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2023280383	ALEXION PHARMACEUTICALS, INC.	2023284479	VALE S.A.; SERVIÇO NACIONAL DE APRENDIZAGEM INDUSTRIAL, DEPARTAMENTO REGIONAL DA BAHIA - SENAI/DR/BA
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2023280788	CATERPILLAR GLOBAL MINING EQUIPMENT LLC	2023284867	LAMINATED FILM LLC
2023280799	COVIDIEN LP; TRUSTEE OF DARTMOUTH COLLEGE	2023285085	REGENERON PHARMACEUTICALS, INC.
2023280819	VERSITECH LIMITED	2023285116	REVOLUTION MEDICINES, INC.
2023280860	AVALYN PHARMA INC.	2023285316	HERRENKNECHT AG; JACKCONTROL AG
2023280895	DEXCOM, INC.		
2023281045	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE		
2023281050	LIFE TECHNOLOGIES CORPORATION		
2023281063	LIPOCINE, INC.		
2023281071	OYSTER POINT PHARMA, INC.		
2023281078	FRICHS HOLDING 2 APS		
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2023285487	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	2023293229	LG ELECTRONICS INC.
2023285566	SK BIOPHARMACEUTICALS CO., LTD.	2023293233	LG ELECTRONICS INC.
2023285601	THE UNIVERSITY OF AKRON	2023293236	LG ELECTRONICS INC.
2023285633	CERES TAG LTD	2023293293	BIGFOOT BIOMEDICAL, INC.
2023285634	ESTRENUE PTY LTD	2023293357	BAREFOOT CITIZENS IP PTY LTD
2023285647	GRAIN PROCESSING CORPORATION	2023293961	LAVA THERAPEUTICS N.V.
2023285655	L & M RADIATOR, INC.	2023294103	PFIZER INC.
2023286098	GRIPPLE LIMITED	2023294304	ASAHI GROUP HOLDINGS, LTD.
2023286602	ANTERO MIDSTREAM LLC	2023294392	BREVILLE PTY LIMITED
2023286685	FLAGSHIP PIONEERING INNOVATIONS VI, LLC	2023294396	EYETELLIGENCE PTY LTD
2023286764	SANDVIK LTD	2023294442	LG ELECTRONICS INC.
2023287212	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.	2023294937	SEED THERAPEUTICS US, INC.
2023287239	THE UNIVERSITY OF MELBOURNE; THE ROYAL WOMEN'S HOSPITAL	2023295207	MERCK SHARP & DOHME LLC
2023287242	CHRISTIE, J.	2023295413	PIONEER HI-BRED INTERNATIONAL, INC.
2023287334	UNITEC S.P.A.	2023295731	IFP ENERGIES NOUVELLES
2023287379	BERTIN TECHNOLOGIES	2023296019	SUMITOMO ELECTRIC INDUSTRIES, LTD.
2023287408	SAINT-GOBAIN ISOVER	2023296292	LG ELECTRONICS INC.
2023287807	ANTHOS THERAPEUTICS, INC.	2023296294	LG ELECTRONICS INC.
2023288272	NGK INSULATORS, LTD.	2023296910	TURUN YLIOPISTO
2023288492	SENSORMATIC ELECTRONICS, LLC	2023296993	KVERNELAND GROUP RAVENNA S.R.L.
2023288542	LAVA THERAPEUTICS N.V.	2023296997	KVERNELAND GROUP RAVENNA S.R.L.
2023288669	SANDVIK LTD	2023296998	KVERNELAND GROUP RAVENNA S.R.L.
2023288717	SANDVIK LTD	2023297073	ENERYIELD AB
2023288721	GE RENEWABLE TECHNOLOGIES	2023297169	BREVILLE PTY LIMITED
2023288854	AVENCELL THERAPEUTICS INC.	2023297830	THE TORO COMPANY
2023288879	NIPPON STEEL CORPORATION	2023297838	BENJAMIN MOORE & CO.
2023288916	SCK.CEN	2023298135	BRISTOL-MYERS SQUIBB COMPANY
2023288999	COMAU S.P.A.; FINCANTIERI S.P.A.	2023298136	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.
2023289042	MOHIDEEN, F.A.	2023298154	DENALI THERAPEUTICS INC.
2023289075	TEMPERO BIO, INC.	2023298294	BREVILLE PTY LIMITED
2023289492	INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT; INSTITUT NATIONAL DES SCIENCES ET INDUSTRIES DU VIVANT ET DE L'ENVIRONNEMENT; SORBONNE UNIVERSITE; ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS; INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE DE LORRAINE; UNIVERSITÉ PARIS-SACLAY	2023298558	GILEAD SCIENCES, INC.
2023289501	SAINT-GOBAIN ISOVER	2023298977	SUNTORY HOLDINGS LIMITED
2023289641	PEOPLE CENTER, INC.	2023298982	NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE
2023289686	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA; BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE	2023299002	GE PRECISION HEALTHCARE LLC
2023289976	GENTEX CORPORATION	2023299045	AMYLOID SOLUTION INC.
2023290657	IDS RESEARCH SOCIETA' A RESPONSABILITA' LIMITATA	2023299061	URTESTE S.A.
2023290708	NATIONAL INSTITUTE OF PLANT GENOME RESEARCH	2023299263	AMERICAN STERILIZER COMPANY
2023291498	UPL MAURITIUS LIMITED; UPL EUROPE LTD.	2023299799	ARKEMA INC.
2023291790	SAINT-GOBAIN ISOVER	2023300413	MUSHLABS GMBH
2023291909	YOSHINO GYPSUM CO., LTD.	2023300415	HEMPEL A/S
2023292000	BUZZELET DEVELOPMENT AND TECHNOLOGIES LTD.	2023300491	KYOTO UNIVERSITY
2023292044	AMERICAN STERILIZER COMPANY	2023300736	KVERNELAND GROUP RAVENNA S.R.L.
2023292207	DEMATIC CORP.	2023300794	DOMA BIOPHARMACEUTICAL (SUZHOU) CO., LTD.
2023292274	SHINE TECHNOLOGIES, LLC	2023300913	ASTELLAS PHARMA INC.
2023292346	INPEX CORPORATION; NATIONAL UNIVERSITY CORPORATION UNIVERSITY OF TOYAMA	2023301074	ARCTURUS THERAPEUTICS, INC.
2023292491	ABBVIE INC.	2023301379	IO THERAPEUTICS, INC.
2023292779	LG ELECTRONICS INC.	2023301450	BAVARIAN NORDIC A/S
2023292906	INFOSIGHT CORPORATION	2023301554	NESTE OYJ
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		2023302138	HOLCIM TECHNOLOGY LTD
		2023302139	PFIZER INC.
		2023302189	BRIDGESTONE CORPORATION
		2023302710	BRIDGESTONE CORPORATION
		2023303021	ELEMENT BIOSCIENCES, INC.
		2023303406	VIVIDION THERAPEUTICS, INC.
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		2023303521	BLAZE BIOSCIENCE, INC.
		2023303986	AGC INC.
		2023305006	VIVIDION THERAPEUTICS, INC.
		2023305786	MAREL A/S
		2023305813	ALEXAKIS, A.
		2023306645	MEDICAL MICROINSTRUMENTS, INC.
		2023307548	NESTE OYJ
		2023307592	ALCON INC.
		2023307913	OWENS-BROCKWAY GLASS CONTAINER INC.

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2023308404	NESTE OYJ
2023308540	NICHOLSON MANUFACTURING LTD.
2023310598	HALLIBURTON ENERGY SERVICES, INC.
2023310738	WILDE, L.T.J.
2023311193	THE BOEING COMPANY
2023312961	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023313031	UNIVERSITÄT ZÜRICH
2023313050	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023313222	ISHIHARA SANGYO KAISHA, LTD.
2023313326	RECONNECT LABS AG
2023313342	BRACCO IMAGING SPA
2023313368	TECHNISCHE UNIVERSITÄT MÜNCHEN
2023314209	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023315045	CARLSBERG BREWERIES A/S
2023315166	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023316798	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023316876	ABBVIE BIOTHERAPEUTICS INC.; ABBVIE DEUTSCHLAND GMBH & CO. KG
2023316901	YOSHINO GYPSUM CO., LTD.
2023316948	JETOPTERA, INC.
2023318457	ELECTROLUX APPLIANCES AKTIEBOLAG
2023318607	HILTI AKTIENGESELLSCHAFT
2023319875	NOVOZYMES A/S
2023325977	MAK, C.
2023326325	ITRON, INC.
2023327785	BLUEVAULT PTY LTD
2023327789	CLEARSHIELD SECURITY PTY LTD
2023331522	SPAX INTERNATIONAL GMBH & CO. KG
2023331637	ELECTROLUX APPLIANCES AKTIEBOLAG
2023335631	CHERY AUTOMOBILE CO., LTD.
2023337772	RINNAI CORPORATION
2023342692	ILLUMINA, INC.
2023344274	ILLUMINA, INC.
2023348581	BEIJING PHABUILDER BIOTECHNOLOGY CO., LTD.
2023364245	HUANENG CLEAN ENERGY RESEARCH INSTITUTE; HUANENG GROUP R & D CENTER CO., LTD.
2023387778	INNER MONGOLIA MENGNIU DAIRY (GROUP) CO., LTD.
2023397408	CUMPSON, P.
2023404430	TRINA SOLAR CO., LTD.
2023412019	SUBMERSED TECHNOLOGIES PP2 AB
2023430181	CLONBIO GROUP LTD.
2024204722	FBD BIOLOGICS LIMITED
2024212507	ILLUMINA, INC.
2024212956	HANNA, J.N.
2024216088	HUANENG CLEAN ENERGY RESEARCH INSTITUTE; HUANENG GROUP R&D CENTER CO., LTD.
2024220205	KURA ONCOLOGY, INC.
2024240570	MEDPHOTON GMBH
2024261036	ESPANSIONE MARKETING S.P.A.
2024261874	NGUYEN, H.T.
2024264640	GOMEZ, R.A.M.
2024266878	ILLUMINA, INC.
2024267026	ILLUMINA, INC.

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<u>B02C 4 /-</u>	2023272760	2022482741	<u>B60R 19 /-</u>	<u>B62D 5 /-</u>	<u>B65B 57 /-</u>
2023263589	2023272760	2023268441	2023271623	2023289042	2023278484
<u>B03D 1 /-</u>	<u>B23P 15 /-</u>	2023302117	<u>B60R 21 /-</u>	<u>B62D 53 /-</u>	2023299263
2023299799	2023272760	<u>B32B 7 /-</u>	2023289976	2023271623	<u>B65B 61 /-</u>
<u>B05B 1 /-</u>	<u>B24B 5 /-</u>	2022482741	<u>B60S 9 /-</u>	<u>B62D 63 /-</u>	2023278484
2023264939	2023274486	<u>B32B 9 /-</u>	2023271623	2023271623	<u>B65B 65 /-</u>
<u>B05B 13 /-</u>	<u>B24B 9 /-</u>	2022482741	<u>B60T 13 /-</u>	<u>B63B 21 /-</u>	2023278484
2023264939	2023274486	<u>B33Y 10 /-</u>	2023289042	2023267472	<u>B65D 1 /-</u>
<u>B05D 1 /-</u>	<u>B24D 5 /-</u>	2023272760	<u>B60W 10 /-</u>	<u>B63H 1 /-</u>	2023302117
2023282438	2023272760	<u>B33Y 70 /-</u>	2023275390	2023412019	<u>B65D 43 /-</u>
<u>B05D 7 /-</u>	<u>B25J 15 /-</u>	2023268495	2023289042	<u>B64C 11 /-</u>	2023273644
2023266002	2023287334	<u>B33Y 80 /-</u>	<u>B60W 30 /-</u>	2023412019	<u>B65D 47 /-</u>
2023266003	<u>B25J 19 /-</u>	2022455175	2023275390	<u>B64C 13 /-</u>	2023273644
<u>B06B 1 /-</u>	2023287334	2023268495	2023335631	2023316948	<u>B65D 77 /-</u>
2023278993	2023288999	2023272760	<u>B60W 40 /-</u>	<u>B64C 21 /-</u>	2023273932
<u>B07B 13 /-</u>	<u>B25J 5 /-</u>	2023308540	2023289976	2023316948	<u>B65D 81 /-</u>
2023281728	2023288999	<u>B42D 25 /-</u>	<u>B60W 50 /-</u>	2023316948	2023264597
2023284313	<u>B25J 9 /-</u>	2023292906	2023289042	<u>B64D 1 /-</u>	<u>B65D 85 /-</u>
<u>B07C 5 /-</u>	2023287334	<u>B60C 19 /-</u>	2023289976	2023264939	2023312961
2023268029	2023288999	2023302189	<u>B60W 60 /-</u>	<u>B64D 33 /-</u>	2023313050
<u>B08B 9 /-</u>	<u>B27L 1 /-</u>	2023302710	2023275390	2023316948	2023314209
2023286602	2023308540	<u>B60L 15 /-</u>	<u>B61L 15 /-</u>	<u>B64G 1 /-</u>	2023315166
<u>B21D 22 /-</u>	<u>B27L 11 /-</u>	2022468855	2023287242	2023262593	2023316798
2023318457	2023308540	<u>B60L 3 /-</u>	<u>B61L 23 /-</u>	<u>B64G 3 /-</u>	<u>B65D 90 /-</u>
<u>B21D 51 /-</u>	<u>B29B 13 /-</u>	2023335631	2023287242	2023281240	2023264939
2023278818	2023273813	<u>B60L 5 /-</u>	<u>B61L 25 /-</u>	<u>B64G 5 /-</u>	2023273932
<u>B21D 53 /-</u>	<u>B29B 17 /-</u>	2023280219	2023287242	2023262593	<u>B65G 13 /-</u>
2023318457	2023273813	2023280788	<u>B61L 27 /-</u>	<u>B64U 10 /-</u>	2023292207
<u>B22F 10 /-</u>	<u>B29C 35 /-</u>	<u>B60L 50 /-</u>	2023287242	2023277150	<u>B65G 17 /-</u>
2023272760	2023287408	2023278777	<u>B62B 5 /-</u>	<u>B65B 25 /-</u>	2023287334
2023308540	2023289501	<u>B60L 53 /-</u>	2023310738	2023287334	<u>B65G 3 /-</u>
<u>B22F 12 /-</u>	<u>B29D 7 /-</u>	2023281461	<u>B62B 7 /-</u>	<u>B65B 35 /-</u>	2023285647
2023272760	2023325977	<u>B60M 1 /-</u>	2023269236	2023278484	<u>B65G 47 /-</u>
<u>B22F 7 /-</u>	<u>B32B 21 /-</u>	2023281461	<u>B62B 9 /-</u>	2023287334	2023292207
2023308540	2022482741	<u>B60P 1 /-</u>	2023269236		
		2023271623			
		2023278890			

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<u>B65G 69 /-</u>	<u>C03B 3 /-</u>	<u>C07D 255 /-</u>	<u>C07D 409 /-</u>	<u>C07F 7 /-</u>	<u>C07K 7 /-</u>
2023285647	2023307913	2023313342	2023299045	2023313368	2023276024
<u>B65H 19 /-</u>	<u>C03B 5 /-</u>	<u>C07D 257 /-</u>	2023305006	<u>C07F 9 /-</u>	2023295207
2023293105	2023291790	2023313368	2023313368	2023282533	2023313368
<u>B65H 23 /-</u>	<u>C04B 7 /-</u>	<u>C07D 259 /-</u>	<u>C07D 413 /-</u>	<u>C07H 19 /-</u>	<u>C08B 37 /-</u>
2023268658	2023302138	2023313368	2023268009	2023265895	2023282822
<u>B65H 26 /-</u>	<u>C07B 43 /-</u>	<u>C07D 261 /-</u>	2023273293	<u>C07H 21 /-</u>	<u>C08F 18 /-</u>
2023268658	2023280860	2024220205	2023278399	2023265895	2023297838
2023293105		<u>C07D 271 /-</u>	2023283386	<u>C07K 1 /-</u>	<u>C08F 2 /-</u>
<u>B66D 1 /-</u>	<u>C07B 59 /-</u>	<u>C07D 277 /-</u>	2023298135	<u>C07K 14 /-</u>	2023297838
2023267472	2023313368	2023299045	2023298135	2023263628	<u>C08F 214 /-</u>
<u>B67D 1 /-</u>	<u>C07C 233 /-</u>	<u>C07D 295 /-</u>	2023299045	2023265968	2023303986
2023298294	2023289686	2023278510	<u>C07D 295 /-</u>	2023267247	<u>C08F 216 /-</u>
2023315045	2024220205	2024220205	<u>C07D 457 /-</u>	202327247	2023303986
<u>B67D 3 /-</u>	<u>C07C 317 /-</u>	<u>C07D 301 /-</u>	2023267670	2023267771	<u>C08H 7 /-</u>
2023266207	2023305006	2022462144	<u>C07D 471 /-</u>	2023271953	2023284652
<u>C01B 13 /-</u>	<u>C07C 53 /-</u>	2023268009	2022462144	2023272830	<u>C08H 8 /-</u>
2022466772	2023289686	2023278399	2023268009	2023280383	2023295731
<u>C01B 3 /-</u>	<u>C07D 205 /-</u>	<u>C07D 303 /-</u>	2023273293	2023281045	<u>C08J 11 /-</u>
2022466772	2023305006	2023282477	2023278399	2023283678	2023273813
2023292346	<u>C07D 209 /-</u>	2023298135	2023282477	2023283773	<u>C08J 3 /-</u>
<u>C01B 32 /-</u>	2023280860	2023278998	2023298135	2023287807	2023284652
2023282946	2023313326	<u>C07D 307 /-</u>	2023298558	2023288854	<u>C08H 8 /-</u>
2023288272	<u>C07D 211 /-</u>	<u>C07D 487 /-</u>	2023305006	2023294103	2023295731
2023292346	2023300913	2023272173	<u>C07D 487 /-</u>	2023298154	<u>C08J 11 /-</u>
2024264640	2023303406	2023278399	2023272173	2023300913	2023273813
<u>C01B 33 /-</u>	<u>C07D 213 /-</u>	2023282477	2023278399	2023301450	<u>C08J 3 /-</u>
2023269725	2023303406	2023298135	2023282477	2024204722	2023284652
<u>C01C 1 /-</u>	2023278332	2023298135	2023282477	<u>C07K 16 /-</u>	<u>C08K 3 /-</u>
2023302054	2023305006	2023298558	2023305006	2023264245	2023348581
<u>C01C 3 /-</u>	<u>C07D 215 /-</u>	2023299045	<u>C07D 491 /-</u>	2023272504	<u>C08K 5 /-</u>
2023264597	2023305006	<u>C07D 401 /-</u>	2023281691	2023277789	2023303986
<u>C01G 45 /-</u>	<u>C07D 221 /-</u>	2023280860	2023298135	2023278323	<u>C08L 27 /-</u>
2023296910	2023303408	2023283386	2023305006	2023279726	2023303986
<u>C02F 1 /-</u>	<u>C07D 239 /-</u>	2023298558	2023313368	2023281045	<u>C08L 27 /-</u>
2023267974	2023305006	2023303408	2024220205	2023281714	2023303986
2023292274	<u>C07D 215 /-</u>	2023305006	<u>C07D 403 /-</u>	2023281751	<u>C08L 29 /-</u>
<u>C02F 101 /-</u>	2023305006	2023280860	2023280860	2023283554	2023303986
2023267974	<u>C07D 241 /-</u>	2023283386	2023283386	2023283773	<u>C08L 29 /-</u>
<u>C02F 5 /-</u>	2023305006	2023298558	<u>C07D 498 /-</u>	2023285085	2023303986
2023292274	<u>C07D 251 /-</u>	2023303408	2023298558	2023287212	<u>C08L 3 /-</u>
	2023270440	2023305006	2023303408	2023288854	2023348581
		2023305006	2023305006	2023293961	<u>C08L 5 /-</u>
		<u>C07D 405 /-</u>	2023285116	2023294103	2023282822
		2023270440	2023298135	2023298154	<u>C08L 67 /-</u>
		2023283386	2024220205	2023300794	2023348581
			<u>C07D 407 /-</u>	2023316876	<u>C08L 5 /-</u>
			2023270440	2024204722	2023282822
			2023283386	<u>C07K 19 /-</u>	<u>C08L 29 /-</u>
				2023263628	2023303986
				2023287212	2023348581
				<u>C07K 5 /-</u>	<u>C09D 127 /-</u>
				2023299061	2023303986
				2023313368	

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<u>C09D 17 /-</u>	<u>C10G 55 /-</u>	<u>C12N 7 /-</u>	2023288879	<u>D06F 31 /-</u>	<u>E04B 1 /-</u>
2023297838	2023301554	2023265152	<u>C22C 29 /-</u>	2023292779	2023280296
<u>C09D 4 /-</u>	<u>C10G 65 /-</u>	2023265204	2023272760	2023293229	2023291909
2023266002	2023298136	2023265697		2023293233	<u>E04B 2 /-</u>
2023266003	2023301554	2023301450	<u>C23C 16 /-</u>	2023293236	2023291909
<u>C09D 5 /-</u>	<u>C10L 1 /-</u>	<u>C12N 9 /-</u>	2023282438	2023294442	2023316901
2023266002	2023278466	2023265968	2024264640	2023296292	
2023266003	2023301554	2023269197	<u>C23C 2 /-</u>	2023296294	<u>E04C 2 /-</u>
2023303986		2023284238			2023316901
<u>C09D 7 /-</u>	<u>C11D 3 /-</u>	2023289492	2023282694	<u>D06F 34 /-</u>	<u>E04G 21 /-</u>
2023266002	2023319875	2023290708	2023288879	2023293233	2023270393
2023266003		2023294937	<u>C23C 22 /-</u>	2023293236	<u>E04H 12 /-</u>
2023297838	<u>C12M 1 /-</u>	2023295413	2023266002	2023294442	2023268007
<u>C10B 49 /-</u>	2023277543	2023301074	2023266003	2023296292	<u>E04H 17 /-</u>
2023281078	<u>C12M 3 /-</u>	2023319875	<u>C23C 4 /-</u>	2023296294	2023268007
<u>C10B 53 /-</u>	2023277543	<u>C12P 13 /-</u>	2023272760	<u>D06F 37 /-</u>	<u>E04H 4 /-</u>
2023281078	<u>C12N 1 /-</u>	2023275581	<u>C25B 1 /-</u>	2023292779	2023268750
<u>C10G 1 /-</u>	2023265697	<u>C12P 15 /-</u>	2023278646	2023293229	<u>E04H 9 /-</u>
2023275509	2023284238	2023298977	2023280819	2023293233	2023267039
2023281078	2023286685	<u>C12P 19 /-</u>	2023281078	2023293236	<u>E05B 1 /-</u>
2023292346	2023300413	2023269197	2023302054	2023296292	2023275956
2023307548	<u>C12N 15 /-</u>	2023282822	<u>C25B 11 /-</u>	2023296294	<u>E05B 13 /-</u>
2023308404	2023260275	2023284238	2023280819	2023318457	2023275956
<u>C10G 19 /-</u>	2023265204	2023295731	2024264640	<u>D06F 58 /-</u>	<u>E05B 47 /-</u>
2023307548	2023265481	2023301074	<u>C25B 9 /-</u>	2023292779	2023275956
<u>C10G 2 /-</u>	2023265697	<u>C12P 21 /-</u>	2023278646	2023293233	<u>E05B 73 /-</u>
2023292346	2023266069	<u>C12P 7 /-</u>	<u>C30B 11 /-</u>	2023293236	2023275956
2023301554	2023267699	2023275581	2023263578	2023294442	<u>E05B 15 /-</u>
<u>C10G 29 /-</u>	2023267771	<u>C12Q 1 /-</u>	<u>C30B 29 /-</u>	2023296292	2023288492
2023275509	2023269197	2023264552	2023263578	<u>D06N 7 /-</u>	<u>E05D 15 /-</u>
<u>C10G 3 /-</u>	2023269246	2023269197	<u>C40B 40 /-</u>	2023268441	2023283511
2023281078	2023281071	2023269296	2023265204	<u>D21B 1 /-</u>	2023278468
2023298136	2023283551	2023277548	<u>D03D 27 /-</u>	2023279913	2023288492
2023301554	2023284238	2023283361	2023268441	<u>D21C 3 /-</u>	<u>E06B 5 /-</u>
<u>C10G 35 /-</u>	2023287212	2023283803	<u>D04B 1 /-</u>	2023295731	2023327789
2023292346	2023288854	2023284422	2023266586	<u>D21J 3 /-</u>	<u>E06B 9 /-</u>
<u>C10G 45 /-</u>	2023290708	2023287239	<u>D04H 1 /-</u>	2023279913	2023276458
2023298136	2023292959	2023287807	2023287408	2023302117	2023327789
2023301554	2023295413	2023298977	2023289501	<u>E01C 13 /-</u>	<u>E21B 19 /-</u>
<u>C10G 47 /-</u>	2023298977	2023299061	<u>D05C 15 /-</u>	2023268441	2023281812
2023298136	2023300913	2023300913	2023268441	<u>E02B 15 /-</u>	<u>E21B 23 /-</u>
2023301554	2023301074	2023303021	<u>D05C 17 /-</u>	2022470338	2022479921
<u>C10G 50 /-</u>	2024204722	<u>C13K 1 /-</u>	2023268441	<u>E02B 5 /-</u>	<u>E21B 34 /-</u>
2023292346	<u>C12N 5 /-</u>	2023295731	<u>D05C 17 /-</u>	2022470338	2022476849
	2023265204	<u>C13K 13 /-</u>	2023268441		2022479921
	2023265697	2023295731			
	2023266069	<u>C22B 60 /-</u>			
	2023271613	2023288916			
	2023279726	<u>C22C 18 /-</u>			
	2023281178	2023282694			
	2023282946				
	2023287212				
	2023288542				
	2023300491				

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<u>E21B 43 /-</u>	<u>F16C 33 /-</u>	<u>F23D 14 /-</u>	<u>F42B 12 /-</u>	2023276024	<u>G05B 19 /-</u>
2023310598	2022460655	2023337772	2023268163	2023278176	2023288999
<u>E21B 44 /-</u>	<u>F16C 35 /-</u>	<u>F23L 13 /-</u>	<u>G01B 11 /-</u>	2023283361	<u>G05B 23 /-</u>
2022461959	2022460655	2023337772	2023298294	2023284422	2023297073
<u>E21D 11 /-</u>	<u>F16D 3 /-</u>	<u>F24C 15 /-</u>	<u>G01D 18 /-</u>	2023287239	<u>G05D 1 /-</u>
2023285316	2023280788	2023318457	2023279386	2023287807	2023275390
<u>E21D 20 /-</u>	<u>F16G 11 /-</u>	2023331637	<u>G01F 1 /-</u>	2023288542	2023277150
2023280061	2023276458	<u>F24H 1 /-</u>	2023342692	2023294937	<u>G05D 23 /-</u>
<u>E21D 21 /-</u>	<u>F16K 15 /-</u>	2023277639	<u>G01R 1 /-</u>	2023299061	2023294392
2023280061	2023284313	2023278818	2023326325	2023300913	<u>G05D 9 /-</u>
<u>E21D 9 /-</u>	<u>F16K 31 /-</u>	<u>F24H 9 /-</u>	<u>G01H 1 /-</u>	<u>G01N 35 /-</u>	2023294392
2023285316	2023284313	2023278818	2023281728	2023326325	<u>G05D 11 /-</u>
<u>E21F 17 /-</u>	<u>F16K 7 /-</u>	<u>F24S 20 /-</u>	<u>G01J 3 /-</u>	<u>G01R 31 /-</u>	2023293293
2022468175	2023271409	2022466772	2023303521	2023283726	<u>G06F 11 /-</u>
<u>F01N 3 /-</u>	<u>F16L 15 /-</u>	<u>F24S 25 /-</u>	<u>G01K 1 /-</u>	2023297073	2023293293
2023282898	2023298982	2023278991	<u>G01K 11 /-</u>	<u>G01S 13 /-</u>	<u>G06F 16 /-</u>
<u>F01P 3 /-</u>	<u>F16L 17 /-</u>	2023404430	2022457584	2023278467	2023275277
2023285655	2023265093	<u>F25B 25 /-</u>	<u>G01K 11 /-</u>	<u>G01S 15 /-</u>	2023289641
<u>F01P 5 /-</u>	<u>F16L 3 /-</u>	2023283391	2022457584	2023298294	<u>G06F 18 /-</u>
2023285655	2023286098	<u>F25B 49 /-</u>	<u>G01M 3 /-</u>	<u>G01S 17 /-</u>	2023275277
<u>F03B 11 /-</u>	2023318607	2023220938	2023264361	2023298294	2023281474
2023288721	<u>F16L 37 /-</u>	<u>F25B 9 /-</u>	<u>G01M 5 /-</u>	<u>G01S 19 /-</u>	<u>G06F 21 /-</u>
<u>F04C 18 /-</u>	2023265093	2023283391	2022457584	2022461760	2023215108
2023285487	<u>F16L 41 /-</u>	<u>F26B 17 /-</u>	<u>G01M 5 /-</u>	2023280321	2023344274
<u>F04C 29 /-</u>	2023265093	2023289501	<u>G01N 15 /-</u>	<u>G01S 5 /-</u>	<u>G06F 3 /-</u>
2023285487	<u>F16L 5 /-</u>	<u>F27B 9 /-</u>	2023268060	2022461760	2023269965
<u>F16B 21 /-</u>	2023266576	2023287408	2023283803	2023278467	2023311193
2023280627	<u>F16L 37 /-</u>	2023289501	<u>G01N 17 /-</u>	<u>G01V 15 /-</u>	<u>G06F 8 /-</u>
<u>F16B 25 /-</u>	2023265093	<u>F27D 17 /-</u>	2022457584	2023292906	2022461959
2023331522	<u>F16L 41 /-</u>	2023289501	2023300415	<u>G02B 1 /-</u>	2023289641
<u>F16B 35 /-</u>	2023265093	<u>F28D 7 /-</u>	<u>G01N 21 /-</u>	2023278467	2023344274
2023331522	<u>F21L 4 /-</u>	2023281660	2023277548	<u>G01V 15 /-</u>	<u>G06F 9 /-</u>
<u>F16B 5 /-</u>	2023293357	<u>F41B 3 /-</u>	<u>G01N 23 /-</u>	2023265094	2022461959
2023318607	<u>F21S 10 /-</u>	2023262593	2023397408	<u>G02B 27 /-</u>	2023283368
<u>F16B 9 /-</u>	2023297169	<u>F41B 6 /-</u>	<u>G01N 27 /-</u>	2023265094	<u>G06N 10 /-</u>
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<u>F16C 19 /-</u>	2023297169	<u>F41F 1 /-</u>	<u>G01N 30 /-</u>	2023303521	2022460169
2022460655	<u>F21V 8 /-</u>	2023262593	2023272397	<u>G03B 9 /-</u>	2023275277
	<u>F41F 7 /-</u>	2023262593	<u>G01N 33 /-</u>	2023303521	2023281474
			2023264361	<u>G05B 13 /-</u>	2023297073
			2023267942	2023281182	2023397408
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<u>G06Q 20 /-</u>	2023277548	2023273662	<u>H02J 7 /-</u>	2023287379
	2023284036			
	2024267026		2022465538	<u>H04W 12 /-</u>
2022460169		<u>H01M 10 /-</u>		
2023215108	<u>G16B 40 /-</u>	2023281660	<u>H02M 7 /-</u>	2023281566
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2022460169	<u>G16B 5 /-</u>	2023281660	<u>H02S 50 /-</u>	<u>H04W 64 /-</u>
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	2023344274	2023271214	2023326325	
		2023285655	<u>H04B 5 /-</u>	<u>H04W 8 /-</u>
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<u>G06T 5 /-</u>	2023281297	<u>H01Q 1 /-</u>		<u>H04W 84 /-</u>
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		2023293146		
2023277548	2023294396		2022460862	
2023278233	<u>G16H 40 /-</u>	<u>H01R 25 /-</u>		
2023294396			<u>H04L 45 /-</u>	
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		2023293146		
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	2023280895		2022460862	
<u>G06V 40 /-</u>	2023284036	2023293146	2023215108	
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2023294396	<u>G16H 70 /-</u>	<u>H01R 35 /-</u>		
			<u>H04L 9 /-</u>	
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			2023281566	
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H04L 5/06 (2006.01)
H04L 5/26 (2006.01)
H04W 16/14 (2009.01)
H04W 72/04 (2023.01)
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A61K 9/16 (2006.01)
A61K 9/51 (2006.01)
A61K 31/225 (2006.01)
A61K 39/12 (2006.01)
A61K 39/39 (2006.01)
A61K 47/18 (2017.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
C07C 229/16 (2006.01)
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C07C 69/54 (2006.01)
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B65D 43/02 (2006.01)
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H04W 56/00 (2009.01)
H04L 7/00 (2006.01)
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tomize dosimetry and sphere selection
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A61N 5/10 (2006.01)
A61K 51/12 (2006.01)
G16H 20/17 (2018.01)
G16H 20/40 (2018.01)
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A61K 51/12 (2006.01)
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
A61M 5/19 (2006.01)
G16H 20/17 (2018.01)
G16H 20/40 (2018.01)
 A61M 5/168 (2006.01)
 A61M 5/172 (2006.01)
 A61M 5/178 (2006.01)
 A61M 25/00 (2006.01)
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C25C 3/12 (2006.01)
C04B 35/532 (2006.01)
H05B 7/09 (2006.01)
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C08L 95/00 (2006.01)
C08F 220/18 (2006.01)
C08G 18/00 (2006.01)
C08G 18/64 (2006.01)
C08G 18/76 (2006.01)
C08K 3/32 (2006.01)
C08K 5/29 (2006.01)
C08L 9/06 (2006.01)
C08L 23/02 (2006.01)
C08L 23/08 (2006.01)
C08L 25/08 (2006.01)
C08L 53/02 (2006.01)
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C07H 1/06 (2006.01)
C07H 1/08 (2006.01)
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 (51) Int. Cl.
A61M 5/32 (2006.01)
A61B 17/34 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/395 (2006.01)
A61P 35/00 (2006.01)
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C07K 19/00 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
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C12N 9/64 (2006.01)
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E21B 36/00 (2006.01)
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C23C 2/12 (2006.01)
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A61K 31/7048 (2006.01)
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G01M 17/007 (2006.01)
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G02C 7/04 (2006.01)
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B60R 22/10 (2006.01)
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A61B 10/02 (2006.01)
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A61B 17/3207 (2006.01)
A61M 25/10 (2013.01)
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A61B 90/00 (2016.01)
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A61F 5/44 (2006.01)
A61J 1/10 (2006.01)
A61M 25/00 (2006.01)
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B01D 53/047 (2006.01)
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B29C 65/00 (2006.01)
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 (51) Int. Cl.
A61K 31/4725 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
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 (54) SYSTEM AND METHOD FOR PROVIDING INFORMATION ON FUEL SAVINGS, SAFE OPERATION, AND MAINTENANCE BY REAL-TIME PREDICTIVE MONITORING AND PREDICTIVE CONTROLLING OF AERODYNAMIC AND HYDRODYNAMIC ENVIRONMENTAL INTERNAL/EXTERNAL FORCES, HULL STRESSES, MOTION WITH SIX DEGREES OF FREEDOM, AND THE LOCATION OF MARINE STRUCTURE
 (51) Int. Cl.
B63B 49/00 (2006.01)
B63B 71/10 (2020.01)
B63B 79/10 (2020.01)
B63B 79/15 (2020.01)
B63B 79/30 (2020.01)
B63B 79/40 (2020.01)
G01B 11/16 (2006.01)
G01L 1/24 (2006.01)
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 (72) Lee, Michael Myung Sub
 (74) LAMINAR IP PTY LTD

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H02J 3/32 (2006.01)
H02B 15/00 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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A61K 39/395 (2006.01)
A61K 31/4745 (2006.01)

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A61K 47/20 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 43/00 (2006.01)
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(51) Int. Cl.
C07K 5/10 (2006.01)
A61K 39/395 (2006.01)
A61K 47/65 (2017.01)
A61P 35/00 (2006.01)
C07C 237/08 (2006.01)

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(51) Int. Cl.
F28D 9/00 (2006.01)
B21D 53/04 (2006.01)
F25B 1/00 (2006.01)
F28F 3/04 (2006.01)
F28F 13/18 (2006.01)

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A01M 1/14 (2006.01)
A01M 1/02 (2006.01)
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A41D 19/00 (2006.01)
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A61B 42/50 (2016.01)
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A61K 31/513 (2006.01)
A61K 31/555 (2006.01)
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(54) ELECTRODE UNIT AND ELECTRODE DEVICE INCLUDING SAME
(51) Int. Cl.
A61B 18/14 (2006.01)
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A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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(51) Int. Cl.
A01C 7/04 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) Method and system for controlling dental machines
(51) Int. Cl.
G06F 3/01 (2006.01)
A61C 1/00 (2006.01)
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(74) Patent Attorney Services

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(54) Orthopaedic prosthetic system for a rotating hinged-knee prosthesis
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A61F 2/38 (2006.01)
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A61B 5/11 (2006.01)
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A61B 17/80 (2006.01)
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 (21) 2023248389 (22) 06.04.2023
 (54) INJECTION MOLDED SCREENING APPARATUSES AND METHODS
 (51) Int. Cl.
B07B 1/46 (2006.01)
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F42D 1/04 (2006.01)
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B01J 19/00 (2006.01)
G06N 3/12 (2006.01)
C12Q 1/6874 (2018.01)
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 (51) Int. Cl.
G01V 1/50 (2006.01)
G01V 1/30 (2006.01)
G01V 1/36 (2006.01)
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F42D 1/10 (2006.01)
G06D 5/00 (2006.01)
F42D 1/24 (2006.01)
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 (54) A HAIRCARE APPLIANCE
 (51) Int. Cl.

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A45D 20/50 (2006.01)
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 (51) Int. Cl.
A61L 2/18 (2006.01)
A61B 1/12 (2006.01)
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A01M 1/02 (2006.01)
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 (54) Method and system for processing data packages
 (51) Int. Cl.
H04L 49/90 (2022.01)
G06N 7/01 (2023.01)
G06N 20/00 (2019.01)
H04L 67/1095 (2022.01)
H04L 69/22 (2022.01)
 (87) WO2020/161466
 (31) 1901738.3 (32) 07.02.19 (33) GB
 1901736.7 07.02.19 GB
 1901737.5 07.02.19 GB
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(72) GOODYEAR, John; PEPPER, Anthony Robert; LARKINS, Neil Tony; PILKINGTON, Nathan Michael
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 (54) Method and system for processing data packages
 (51) Int. Cl.
 H04L 9/00 (2022.01)
 (87) WO2020/161467
 (31) 1901736.7 (32) 07.02.19 (33) GB
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 (54) METHOD AND COMMUNICATION SYSTEM FOR THE COUPLED OPERATION OF AN ELECTRIC WASHING BRUSH OF AN ELECTRIC PUMP DEVICE
 (51) Int. Cl.
 H02J 7/34 (2006.01)
 B08B 1/00 (2006.01)
 B08B 3/04 (2006.01)
 B08B 7/04 (2006.01)
 F04D 13/06 (2006.01)
 H02J 1/10 (2006.01)
 H02J 13/00 (2006.01)
 (31) 10 2022 114 570.0 (32) 09.06.22 (33) DE
 (43) 04.01.2024
 (44) 19.12.2024
 (72) MAYR, Stefan
 (74) Griffith Hack

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 (54) ANTI-INFECTION FORMULATION AND METHODS OF USE
 (51) Int. Cl.
 A61K 33/24 (2019.01)
 A61K 9/00 (2006.01)
 A61K 31/155 (2006.01)
 A61P 31/02 (2006.01)
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 (72) TUCKER, Ian George; ALAWI, Fadil Al; LEECH, Wayne Frederick; WU, Zimei
 (74) James & Wells Intellectual Property

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 (21) 2022246639 (22) 30.03.2022
 (54) HAIR TREATMENT COMPOSITIONS WITH AMINE DERIVATIVES
 (51) Int. Cl.
 A61K 8/41 (2006.01)
 A61K 8/19 (2006.01)
 A61Q 5/10 (2006.01)
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 (31) 63/169,507 (32) 01.04.21 (33) US
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 B01J 19/24 (2006.01)
 C01B 3/06 (2006.01)
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 D06F 58/20 (2006.01)
 D06F 58/02 (2006.01)
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 (43) 25.06.2020
 (44) 19.12.2024
 (72) CAVARRETTA, Francesco; DAL MOLIN, Rudy; CAMATA, Davide; LUCCHINI, Francesco; PILLOT, Sergio
 (74) Halfords IP

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 (54) Laundry dryer
 (51) Int. Cl.
 D06F 58/20 (2006.01)
 D06F 58/02 (2006.01)
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 (72) CAVARRETTA, Francesco; DAL MOLIN, Rudy; CAMATA, Davide; LUCCHINI, Francesco; PILLOT, Sergio
 (74) Halfords IP

(71) Electrolux Appliances Aktiebolag
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 (21) 2019208188 (22) 23.07.2019
 (54) Laundry Dryer including a Heat Pump System
 (51) Int. Cl.
 D06F 58/26 (2006.01)
 D06F 58/02 (2006.01)
 D06F 58/20 (2006.01)
 (31) 18191847.5 (32) 30.08.18 (33) EP
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 (72) CAVARRETTA, Francesco; GAMBARRO, Fabio; GOBBO, Gianni
 (74) Halfords IP

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 (54) Monitoring system for a door of a domestic appliance and domestic appliance comprising such a system
 (51) Int. Cl.
 F24C 15/02 (2006.01)
 A47L 15/42 (2006.01)
 D06F 39/14 (2006.01)
 F24C 7/08 (2006.01)
 F25D 23/02 (2006.01)
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 (31) 18198037.6 (32) 01.10.18 (33) EP
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 (72) IVANOVIC, Branko; HILDNER, Dietmar
 (74) Halfords IP

(71) Electrolux Appliances Aktiebolag
 (11) AU-B-2020239009
 (21) 2020239009 (22) 28.02.2020
 (54) Control panel for an apparatus, in particular for a domestic appliance, and a method for assembling said control panel
 (51) Int. Cl.
 H05K 5/00 (2006.01)
 A47L 15/42 (2006.01)
 D06F 34/28 (2020.01)
 D06F 39/00 (2020.01)
 (87) WO2020/182487
 (31) 19162650.6 (32) 13.03.19 (33) EP
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 (72) FESER, Jürgen; BOSS, Sebastian; WINKELMANN, Klaus; PARRELLA, Alessandro
 (74) Halfords IP

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 (11) AU-B-2021318491
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 (54) Methods and apparatus for aspects of a dose detection system module for a medication delivery device
 (51) Int. Cl.
 A61M 5/315 (2006.01)
 A61M 5/24 (2006.01)
 (87) WO2022/026303
 (31) 63/057,645 (32) 28.07.20 (33) US
 (43) 03.02.2022
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 (72) KERSHNER, James Robert; LIAO, Yan; MASSARI, Rossano Claudio; TRZYBINSKI, Robert Eugene
 (74) Spruson & Ferguson

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 (11) AU-B-2022248996
 (21) 2022248996 (22) 24.03.2022

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(54) SYSTEM AND METHOD FOR SEPARATING COMPETING ANIONS FROM PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS) IN WATER
 (51) Int. Cl.
B01D 15/00 (2006.01)
C02F 1/00 (2023.01)
 (87) WO2022/212165
 (31) 63/169,987 (32) 02.04.21 (33) US
 (43) 06.10.2022
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 (72) WOODARD, Steven, E.; NICKELSEN, Michael, G.; BERRY, John, C.
 (74) PHILLIPS ORMONDE FITZPATRICK

Emory University see Johns Hopkins University
 (21) 2022203617

(71) Encore Medical, L.P. (d/b/a/ DJO Surgical)
 (11) AU-B-2021216908
 (21) 2021216908 (22) 01.02.2021
 (54) Partial knee implants and methods for installing the same
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A61B 17/15 (2006.01)
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G01R 33/16 (2006.01)
A61B 17/00 (2006.01)
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H02H 7/22 (2006.01)
H01B 7/00 (2006.01)
H01B 7/30 (2006.01)
H02J 7/00 (2006.01)
H02H 7/16 (2006.01)
H02H 9/04 (2006.01)
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B65C 9/40 (2006.01)
G06N 20/00 (2019.01)
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C12N 1/20 (2006.01)
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B25J 9/16 (2006.01)
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F01K 3/12 (2006.01)
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G01D 5/353 (2006.01)
G01H 9/00 (2006.01)
H04B 10/071 (2013.01)
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 (54) A patient interface
 (51) Int. Cl.
A61M 16/08 (2006.01)
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 (74) AJ PARK

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A62B 7/00 (2006.01)

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A61K 9/16 (2006.01)
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B66F 3/28 (2006.01)
F15B 15/18 (2006.01)

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E03B 7/07 (2006.01)
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F04D 15/00 (2006.01)
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G05D 7/06 (2006.01)

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B65D 47/08 (2006.01)
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H01M 4/04 (2006.01)
H01M 4/06 (2006.01)
H01M 4/26 (2006.01)
H01M 4/38 (2006.01)
H01M 4/62 (2006.01)
H01M 12/06 (2006.01)
H01M 12/08 (2006.01)

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E05D 13/00 (2006.01)
E05D 15/06 (2006.01)

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G16H 40/60 (2018.01)
G16H 20/17 (2018.01)
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F03D 13/10 (2016.01)
B63B 27/30 (2006.01)
B63B 35/00 (2020.01)
B66C 1/10 (2006.01)
B66C 23/18 (2006.01)
F03D 13/40 (2016.01)

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(51) Int. Cl.
G02B 6/245 (2006.01)
G02B 6/25 (2006.01)
G02B 6/255 (2006.01)
G02B 6/44 (2006.01)

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B07B 1/22 (2006.01)
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A61K 35/17 (2015.01)
C12N 5/071 (2010.01)
C12N 5/078 (2010.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/85 (2006.01)

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H02M 1/00 (2007.01)
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C07K 16/28 (2006.01)
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H01M 4/52 (2010.01)
C01G 53/06 (2006.01)
H01M 10/30 (2006.01)

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A61K 31/439 (2006.01)
A61P 17/00 (2006.01)

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(51) Int. Cl.

H02J 7/04 (2006.01)
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H02M 7/04 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 31/20 (2006.01)

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B65D 19/44 (2006.01)
B65D 57/00 (2006.01)
B65G 1/04 (2006.01)
B65G 1/14 (2006.01)
B65G 49/06 (2006.01)
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A61K 31/445 (2006.01)
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G09B 1/38 (2006.01)
H01F 7/02 (2006.01)
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F16B 19/05 (2006.01)
B21J 15/02 (2006.01)
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C08G 59/30 (2006.01)
C08L 63/00 (2006.01)
G01N 15/14 (2006.01)
G01N 21/05 (2006.01)
G03F 7/033 (2006.01)
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B82Y 40/00 (2011.01)
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 apparatus for impregnating a garment

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C07K 1/00 (2006.01)
C12N 15/13 (2006.01)
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G01N 33/569 (2006.01)
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C12Q 1/02 (2006.01)
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E01H 3/02 (2006.01)
B05B 12/12 (2006.01)
B60W 40/00 (2006.01)
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B60W 60/00 (2020.01)
E21F 5/00 (2006.01)

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H02J 3/00 (2006.01)

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A61K 31/4155 (2006.01)
A61K 9/20 (2006.01)
A61P 1/00 (2006.01)
A61P 3/10 (2006.01)
A61P 9/04 (2006.01)
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C12M 1/12 (2006.01)
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A61K 8/98 (2006.01)
A61K 9/16 (2006.01)
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C12N 11/06 (2006.01)
C12N 11/08 (2020.01)
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H04N 19/119 (2014.01)
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H04N 19/18 (2014.01)
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B23K 26/142 (2014.01)
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A23C 11/10 (2006.01)
A23L 7/104 (2016.01)

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C07D 311/30 (2006.01)
C07D 405/04 (2006.01)
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C12M 1/00 (2006.01)
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G01N 21/05 (2006.01)
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A61K 8/11 (2006.01)
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A61K 9/50 (2006.01)
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A61K 36/185 (2006.01)
A61K 47/34 (2017.01)
C01B 33/00 (2006.01)
C07C 33/14 (2006.01)
C07C 39/19 (2006.01)
C07C 39/23 (2006.01)
C07D 311/60 (2006.01)
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C08J 3/12 (2006.01)
C08L 83/04 (2006.01)
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C07F 7/08 (2006.01)
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A61P 35/00 (2006.01)
C07D 407/12 (2006.01)
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B01J 19/12 (2006.01)
C01G 1/10 (2006.01)
C01G 3/10 (2006.01)
C22B 1/245 (2006.01)
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C07K 14/47 (2006.01)
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F04C 2/34 (2006.01)
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C01G 1/10 (2006.01)
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B03C 3/34 (2006.01)
E21F 5/20 (2006.01)
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H02J 7/00 (2006.01)
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F21Y 105/18 (2016.01)
F21Y 107/30 (2016.01)
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F02D 35/00 (2006.01)
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F24S 25/615 (2018.01)
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C12Q 1/68 (2018.01)
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C08F 2/38 (2006.01)
C07C 333/08 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
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C25B 1/04 (2021.01)
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F03D 9/19 (2016.01)
H02J 3/38 (2006.01)
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A23F 5/24 (2006.01)
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E04C 3/00 (2006.01)
F16B 15/00 (2006.01)
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(54) A delivery system comprising silicon nanoparticles
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A61K 9/51 (2006.01)

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A43B 11/00 (2006.01)
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A43B 21/32 (2006.01)
A43B 21/36 (2006.01)
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B01D 15/04 (2006.01)
B01J 39/26 (2006.01)
G01T 1/164 (2006.01)
G21G 1/10 (2006.01)
H05H 6/00 (2006.01)
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A61K 31/502 (2006.01)
A61K 39/395 (2006.01)
A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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A61K 35/50 (2015.01)
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C12N 5/073 (2010.01)
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H02J 3/38 (2006.01)
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A61P 31/00 (2006.01)
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A01N 25/04 (2006.01)
A01N 25/10 (2006.01)
A01N 25/28 (2006.01)
A01P 7/04 (2006.01)
A61K 47/34 (2017.01)
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A01N 25/00 (2006.01)
A01N 25/02 (2006.01)
A01N 25/04 (2006.01)
A01N 25/16 (2006.01)
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C09C 1/48 (2006.01)

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H04W 12/043 (2021.01)
H04W 8/00 (2009.01)
H04W 12/0433 (2021.01)
H04W 76/14 (2018.01)
H04W 88/04 (2009.01)
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H04N 9/75 (2006.01)
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G01S 7/521 (2006.01)

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A61K 47/00 (2006.01)
C12N 11/00 (2006.01)
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C07D 217/00 (2006.01)
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B64C 9/16 (2006.01)
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 (54) Wing flap with torque member and method for forming thereof
 (51) Int. Cl.
B64C 9/16 (2006.01)
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B29C 53/42 (2006.01)
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B32B 27/04 (2006.01)
B32B 37/00 (2006.01)
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C07H 21/04 (2006.01)
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A61K 33/24 (2019.01)
A61K 33/30 (2006.01)
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A61B 5/029 (2006.01)
A61B 5/0507 (2021.01)
A61B 5/055 (2006.01)
A61B 5/08 (2006.01)
A61B 5/11 (2006.01)
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G16H 40/63 (2018.01)
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 C07D 311/80 (2006.01)
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2018241180	Hunter Douglas Inc.	2019232508	Bracco Suisse SA
2018256617	Britax Childcare Pty Ltd	2019236021	Mach Design B.V.
2018274622	Sagetis Biotech SL; Institut Químic de Sarrià Cets Fundació Privada; Institut d'Investigacions Biomèdiques August Pi I Sunyer	2019236238	Cerecin Inc.
2018275118	Cothra Bioscience, Inc.	2019236616	The Boeing Company
2018275549	The University of North Carolina at Chapel Hill	2019239596	Abiomed Europe GmbH
2018278936	Britax Romer Kindersicherheit GmbH	2019240680	DePuy Synthes Products, Inc.
2018281280	Regeneron Pharmaceuticals, Inc.	2019244479	University of Geneva; Les Hopitaux Universitaires de Geneve; University of Zurich
2018292187	HWS Concrete Towers, S.L.	2019247653	The Board of Trustees of the University of Illinois
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2018304545	University of the Sciences	2019251766	Specter Innovations Group Pty Ltd
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2018313921	Bioerativ Therapeutics Inc.	2019253915	F & T Spagnolo Pty Ltd
2018321760	Zoetis Services LLC	2019254054	Syntoil Spolka Akcyjna
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2018346818	Gamida-Cell Ltd.	2019257224	LanzaTech, Inc.
2018356441	4TEEN4 Pharmaceuticals GmbH	2019257405	G James Australia Pty Ltd
2018367552	Osaka University	2019261567	Ceterix Orthopaedics, Inc.
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2018379410	Willow Biosciences Inc.	2019262104	Bioscout Pty Ltd
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2018392099	Oddlygood Global Oy	2019263064	Kartos Therapeutics, Inc.
2018397738	The J. David Gladstone Institutes, A Testamentary Trust Established Under The Will of J. David Gladstone	2019263751	BPG Sales and Technology Investments, LLC
2018406914	Medizinische Universität Wien	2019264096	N .V. Nutricia
2018417229	Vinsan Therapeutics Inc.	2019264609	SIMONELLI GROUP S.P.A.
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2018453171	Electrolux Appliances Aktiebolag	2019269480	Paul Hartmann AG
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2019201298	Hunter Douglas Inc.	2019271416	Wilverex Pty Ltd
2019201978	The Boeing Company	2019272010	CATERPILLAR INC.
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2019302669	GÉNIN, F.; GÉNIN, J.	2019451182	Landis+Gyr Technology, Inc.
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2019307637	Illumina, Inc.; Illumina Cambridge Limited	2019471598	Halliburton Energy Services, Inc.
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2019314353	Culligan International Company	2020201420	Hiab AB
2019314390	Fresenius Medical Care Holdings, Inc.	2020201456	The Boeing Company
2019318214	PerkinElmer Health Sciences, Inc.	2020201498	The Boeing Company
2019319670	Illinois Tool Works Inc.	2020206109	Translate Bio, Inc.
2019321966	BASF SE	2020211927	Qualcomm Incorporated
2019322261	Subsea 7 do Brasil Servicos Ltda.	2020213442	Mul-T-Lock Technologies Ltd.
2019323802	Johnson & Johnson Consumer Inc.	2020213863	Dentsply Sirona Inc.; Sirona Dental Systems GmbH
2019328725	Loughborough University	2020215613	The Board of Trustees of the Leland Stanford Junior University
2019330759	Platinum Group Chile SpA	2020216034	Hanmi Pharm. Co., Ltd.
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2019337344	Kaak Groep B.V.	2020218383	BeiGene, Ltd.
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2019399674	Societe de Commercialisation des Produits de la Recherche Appliquée Socpra Sciences et Génie S.E.C.	2020358040	Precision Planting LLC
2019400237	Globe (Jiangsu) Co., Ltd.	2020367375	Cryovac, LLC
2019400736	Pharma Mar, S.A.	2020376839	Skeletal Dynamics, Inc.
2019405686	Epiroc Rock Drills Aktiebolag	2020392328	Cisco Technology, Inc.
2019407179	ASP Global Manufacturing GmbH	2020401528	MSA Technology, LLC
2019408406	Merck Patent GmbH; Ryvu Therapeutics S.A.	2020409099	Raytheon Company
2019408928	Fischer, S.; Wilke, T.; Mohr, B.	2020412618	Nutcracker Therapeutics, Inc.
		2020421622	Raytheon Company

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2020426649	Halliburton Energy Services, Inc.	2022224759	Griffith University
2020456546	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2022226577	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2020460465	Neogen Corporation	2022226600	PLASTIC SAFETY SYSTEMS, INC.
2020469890	Foshan Ideal Co., Ltd.	2022228308	COLGATE-PALMOLIVE COMPANY
2020473677	ZTE CORPORATION	2022235588	Acuitas Therapeutics Inc.; CureVac SE
2020483818	NINGDE AMPEREX TECHNOLOGY LIMITED	2022235811	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.
2021203257	REM Technology Inc.		DAIKIN INDUSTRIES, LTD.
2021206842	ImmunoGen, Inc.	2022236143	GACW INCORPORATED
2021216908	Encore Medical, L.P. (d/b/a/ DJO Surgical)	2022238788	SUNGROW POWER SUPPLY CO., LTD.
2021218927	Shanghai Escugen Biotechnology Co., Ltd.	2022239163	Sera Prognostics, Inc.
2021225827	Institute of Microbiology, Chinese Academy of Sciences	2022241477	Cytroniq Co., Ltd.
2021225890	BIOHENG THERAPEUTICS LIMITED	2022241564	Fisher & Paykel Healthcare Limited
2021230095	Simpson Strong-Tie A/S	2022241569	COLGATE-PALMOLIVE COMPANY
2021232778	The Brigham and Women's Hospital, Inc.	2022242653	Zoetis Services LLC
2021237732	Steris Instrument Management Services, Inc.	2022246447	ELC MANAGEMENT LLC
2021239839	RMH Tech LLC	2022246639	EMERGING COMPOUNDS TREATMENT TECHNOLOGIES, INC.
2021244198	American Sterilizer Company	2022248996	BiSN Tec Ltd
2021259858	University of Iowa Research Foundation		Axsome Therapeutics, Inc.
2021264070	Howmet Aerospace Inc.	2022252773	SIEMENS GAMESA RENEWABLE ENERGY A/S
2021266198	Nkmax Co., Ltd.	2022252856	INTEGRITY ORTHOPAEDICS, INC.
2021267783	Osaka University; Matrixome, Inc.	2022253534	Vertex Pharmaceuticals Incorporated
2021282419	Meso Scale Technologies, LLC	2022254991	Aristocrat Technologies Australia Pty Limited
2021288467	Nacuity Pharmaceuticals, Inc.	2022256154	DAINIHON JOCHUGIKU CO., LTD.
2021289471	DUG Technology (Australia) Pty Ltd.	2022256209	Stryker Corporation
2021307910	International Business Machines Corporation	2022257726	Fisher & Paykel Healthcare Limited
2021318491	Eli Lilly and Company	2022259720	ARRANTA BIO HOLDINGS, LLC
2021320960	Kikkoman Corporation	2022263547	PETRA PHARMA CORPORATION
2021324672	HOENIGSCHMID, A.	2022267366	ESPERA-WERKE GMBH
2021331185	Insulet Corporation	2022268900	THE PROCTER & GAMBLE COMPANY
2021341457	Essilor International	2022271962	GLOBAL BLOOD THERAPEUTICS, INC.
2021343589	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2022272287	RENEW HEALTH LIMITED
		2022273544	China Coal Technology & Engineering Group
2021345283	10x Genomics, Inc.	2022277419	Chongqing Research Institute Co. Ltd
2021350112	The Procter & Gamble Company	2022279525	SPHEREX, INC.
2021350837	The Procter & Gamble Company		POWER STOW INTERNATIONAL APS
2021352100	HUECK FOLIEN GESELLSCHAFT M.B.H.	2022285556	Wing Aviation LLC
2021353861	Graphic Packaging International, LLC	2022287243	Trent Bridge (VIC) Engineering Pty Ltd
2021358444	ENERTECHNOS LIMITED	2022287581	HANGZHOU GLUBIO PHARMACEUTICAL CO., LTD.
2021362270	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2022287680	Brighten Optix Corp.; Nthalmic Holding Pty Ltd
2021365848	NITE IZE, INC.	2022289605	Pall Corporation
2021370352	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2022291412	BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.
2021370592	NIPPON STEEL CORPORATION	2022291609	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2021374181	Mitsubishi Shipbuilding Co., Ltd.	2022293671	SCHLAGE LOCK COMPANY LLC
2021374260	LG CHEM, LTD.		ANDRE, A.G.; FOOD PROCESS ENGINEERING PTY LTD
2021393182	ENEOS CORPORATION	2022304843	CENTRO NACIONAL DE INVESTIGACIONES CIENTIFICAS
2021395127	HUAWEI TECHNOLOGIES CO., LTD.	2022307542	SIEMENS GAMESA RENEWABLE ENERGY A/S
2021410652	HILL'S PET NUTRITION, INC.	2022307831	MACK RIDES IP GMBH & CO. KG
2021416786	KOMATSU LTD.		BYD COMPANY LIMITED
2021420338	HUAWEI TECHNOLOGIES CO., LTD.	2022309928	ATLAS ELEKTRONIK GMBH; THYSSENKRUPP AG
2021423034	XINGZHONG (SHANDONG) ENERGY TECHNOLOGY CO., LTD.		Lee, K.
		2022314872	VULCO S.A.
2021449806	DEEPCURE INC.	2022315816	NOVOCURE GMBH
2021454770	BARD PERIPHERAL VASCULAR, INC.	2022316990	HITACHI, LTD.
2021456362	INNOMOTICS GMBH	2022319816	CARBON CAPTURE, INC.
2021464163	RAZER (ASIA-PACIFIC) PTE. LTD.	2022321155	FETU LIMITED
2021472146	XANTHO BIOTECHNOLOGY CO., LTD	2022323905	INNOMOTICS GMBH
2022201153	Case Western Reserve University	2022323907	UMC UTRECHT HOLDING B.V.
2022202333	The University of British Columbia	2022329605	C. R. BARD, INC.
2022203464	Ecolab USA Inc.	2022339753	LG CHEM, LTD.
2022203617	Johns Hopkins University; Emory University	2022345492	AMERICAN STERILIZER COMPANY
2022204029	ToolGen Incorporated	2022346089	ENDOMAGNETICS LTD.
2022204326	Elanco New Zealand	2022348682	SERMONIX PHARMACEUTICALS, INC.
2022206202	PUREWICK CORPORATION	2022354188	BAKER HUGHES OILFIELD OPERATIONS LLC
2022207584	WUHU MIDEA KITCHEN AND BATH APPLIANCES MFG. CO., LTD.; MIDEA GROUP CO., LTD.	2022358001	TONGWEI SOLAR (ANHUI) CO., LTD.
		2022370215	CHEVRON U.S.A. INC.
2022212251	DALLY, J.E.	2022381846	
2022213518	DYSON TECHNOLOGY LIMITED	2022389457	
2022214700	SHEN ZHEN BIOROCKS BIOTECHNOLOGY COMPANY LIMITED	2022403551	
		2022453941	
2022221753	KOMATSU LTD.	2022457103	

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2023200230	Veltek Associates, Inc.
2023200231	Veltek Associates, Inc.
2023200305	The Regents of the University of California
2023200603	Gilead Sciences, Inc.
2023201411	LG Electronics Inc.
2023201708	FISHER & PAYKEL HEALTHCARE LIMITED
2023201850	Willand (Beijing) Technology Co., LTD.
2023202241	ResMed Pty Ltd
2023202421	CHRYSO
2023202466	ESCO Group LLC
2023202524	Acer Incorporated
2023202644	Alydia Health, Inc.
2023202915	Shenzhen Aiper Intelligent Co., Ltd.
2023203026	ServiceNow, Inc.
2023203055	Flamel Ireland Ltd.
2023203257	NAGOYA General Incorporated Association
2023203321	Boehringer Ingelheim International GmbH
2023203450	Einhell Germany AG
2023203615	Daiichi Sankyo Company, Limited
2023204321	ConMed Corporation
2023204654	Monsanto Technology LLC
2023206213	XINGMAI INNOVATION TECHNOLOGY (SUZHOU) CO., LTD.
2023208142	Tencent America LLC
2023210005	USYNOVA PHARMACEUTICALS LTD.
2023214248	VK Meditech Co Ltd
2023216794	Nyxoah SA
2023216840	IMGT Co, Ltd.
2023219902	Enoda Limited
2023229611	Fujikura Ltd.
2023233224	Maxeon Solar Pte. Ltd.
2023248389	DERRICK CORPORATION
2023248932	COLGATE-PALMOLIVE COMPANY
2023250174	FRIGSTAD ENGINEERING (NORWAY) AS
2023251395	W. L. Gore & Associates, Inc.
2023256470	GREEN LI-ION PTE. LTD
2023263493	Getac Technology Corporation
2023263510	CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.
2023266281	SHANGHAI ACADEMY OF AGRICULTURAL SCI- ENCES; SHANDONG IMPERIAL GARDEN BIOTECH- NOLOGY TECHNOLOGY CO., LTD
2023270257	SUNGROW ENERGY STORAGE TECHNOLOGY CO., LTD.
2023274131	Ausco Modular Pty Limited
2023278035	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2023282270	Google LLC
2023285796	The NOCO Company
2023285833	Samsung Electronics Co., Ltd.
2023285881	Chongqing Changan Automobile Co., Ltd.
2023286182	TY MAXXY PTY LTD
2024200619	LG Electronics Inc.
2024201103	Sensile Medical AG
2024201140	Huawei Technologies Co., Ltd.
2024201159	Bluescope Steel Limited
2024201403	B.BOX FOR KIDS DEVELOPMENTS PTY LTD
2024201851	Becton, Dickinson and Company
2024202480	Sony Corporation
2024202506	Skechers U.S.A., Inc. II
2024204138	Stryker Corporation
2024204688	SRMB Enterprises
2024204737	Trina Solar Co., Ltd.
2024204898	QTEQ IQ Pty Ltd
2024205144	SUCCESS BIO-TECH CO., LTD.
2024227222	Academia Sinica
2024259826	SHANDONG UNIVERSITY
2024264595	Lockheed Martin Corporation

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<u>A01C 5 /-</u>	2019261943 2019282263 2021320960	<u>A23L 33 /-</u>	<u>A47L 15 /-</u>	2022381846	2022252856 2022256154 2022268900 2022289605 2022389457 2023200603 2023203055 2023203321 2023210005 2023214248
2020358040		2018380962 2019264096 2019295120 2019301805 2019337405	2019352672 2020239009	<u>A61C 1 /-</u>	
<u>A01C 7 /-</u>	<u>A01P 13 /-</u>		<u>A61B 1 /-</u>	2020213863	
2018208631 2019200715 2020358040	2019280709	<u>A23L 7 /-</u>	2019335392	<u>A61F 13 /-</u>	
<u>A01D 61 /-</u>	<u>A01P 21 /-</u>	<u>A23L 7 /-</u>	<u>A61B 10 /-</u>	2019269480 2019270508 2019323802	
	2019261943	2018392099	2018419656 2023200305	<u>A61F 2 /-</u>	<u>A61K 33 /-</u>
2019270807	<u>A01P 3 /-</u>	<u>A23P 10 /-</u>	<u>A61B 17 /-</u>	2019287447 2019288273 2019414923 2020200145 2023251395	2021350112 2022204326 2022256154
<u>A01G 17 /-</u>	2021320960	2018380962	<u>A61B 17 /-</u>		
2019253915	<u>A01P 7 /-</u>	<u>A23P 30 /-</u>	2018435750 2019212628 2019215215 2019261567 2019263028 2019455815 2020251061 2020293687 2020376839 2021216908 2022254991 2022381846 2023202644 2023204321 2023251395 2024201851 2024204138	<u>A61F 5 /-</u>	<u>A61K 35 /-</u>
<u>A01G 3 /-</u>	2019265890	2018380962	<u>A24B 15 /-</u>	2022206202 2022354188	2018302641 2018346818 2018367552 2019217554 2019388016 2020285291 2021266198 2022267366 2022358001 2023214248 2024205144
2019253915	<u>A21C 13 /-</u>	<u>A24B 15 /-</u>	2019358424		
<u>A01H 6 /-</u>	<u>A23C 11 /-</u>	<u>A24F 40 /-</u>	2019384926	<u>A61G 7 /-</u>	
2019203192	2018392099	<u>A24F 47 /-</u>	2019383778	2019300527	
<u>A01K 67 /-</u>	<u>A23C 9 /-</u>	<u>A24F 47 /-</u>		<u>A61J 1 /-</u>	
2018295358	2019362595	<u>A41D 19 /-</u>	2022212251	2019287591 2019407179 2022354188	<u>A61K 36 /-</u>
<u>A01M 1 /-</u>	<u>A23D 9 /-</u>	<u>A43B 11 /-</u>	<u>A61B 18 /-</u>		2018417229 2019301805 2019337405 2019360164 2021350112 2021472146 2022309928
2022203464 2022257726	2019301805 2019337405 2022309928	2024202506	2019216750 2019277125 2021449806	<u>A61K 31 /-</u>	
<u>A01M 23 /-</u>	<u>A23F 5 /-</u>	<u>A43B 21 /-</u>	<u>A61B 3 /-</u>	2017377233 2018379410 2018406914 2018417229 2019213835 2019215105 2019218232 2019219070 2019236238 2019247653 2019252324 2019262197 2019263064 2019340376 2019360164 2019370200 2019383466 2019400736 2019408406 2020206109 2020216034 2020218383 2020218496 2020221684 2020226190 2020240797 2020245520 2020412618 2021288467 2021320960 2021350112 2021374260 2022204326 2022235588	<u>A61K 38 /-</u>
2019299356	2019264609	2024202506	2020246957		
<u>A01M 29 /-</u>	<u>A23K 20 /-</u>	<u>A43B 23 /-</u>	<u>A61B 42 /-</u>		
2023203257	2021410652	2024202506	2022212251	<u>A61B 5 /-</u>	
<u>A01N 1 /-</u>	<u>A23K 50 /-</u>	<u>A45D 20 /-</u>	<u>A61B 5 /-</u>	2019240680 2019262222 2019313352 2022348682 2022381846 2023200305	2017339536 2017358289 2018205999 2018275549 2018281280 2018445968 2019289199 2019295120 2020229436
2022267366	2021410652	2022213518	<u>A61B 5 /-</u>		
<u>A01N 25 /-</u>	<u>A23L 19 /-</u>	<u>A47G 19 /-</u>	<u>A61B 6 /-</u>		
2019265890 2019265895	2018392099	2019314127	2023200305	<u>A61B 8 /-</u>	<u>A61K 39 /-</u>
<u>A01N 33 /-</u>	<u>A23L 2 /-</u>	<u>A47G 23 /-</u>	<u>A61B 6 /-</u>	2017361081 2017377233 2017380844 2018219226 2018300051 2018336519 2018356441 2019275076 2019383466 2020226190 2020279974 2021206842 2021218927 2021225827 2021225890 2022235588	
2019280709	2019295120	2019271416	<u>A61B 6 /-</u>		
<u>A01N 35 /-</u>	<u>A23L 27 /-</u>	<u>A47J 31 /-</u>	2023200305	<u>A61B 8 /-</u>	
2019282263	2019265921 2021320960	2019264609 2019314127	<u>A61B 8 /-</u>	2023216840	
<u>A01N 37 /-</u>	<u>A23L 29 /-</u>	<u>A47J 43 /-</u>	<u>A61B 90 /-</u>		
2019261943 2019282263 2023204654	2018392099	2020227073	2018435750 2019215215 2019263028 2021244198 2022370215		
<u>A01N 39 /-</u>	<u>A23L 3 /-</u>	<u>A47J 44 /-</u>			
2019280709	2019276967 2021320960				
<u>A01N 43 /-</u>					

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2023203615	2019215157	2019250997	<u>A61P 27/-</u>		
2024227222	2019352635	2019270250		<u>A61P 43/-</u>	<u>B01J 39/-</u>
<u>A61K 45/-</u>	2019360164	2019408928	2018445968		2019399674
	2020226216	2020460465	2020249810	2017377233	
2017377233	2020240797	2021318491	2024205144	2018281280	<u>B01L 3/-</u>
2017380844	2020245520	2021331185		2020240797	
2019213835	2020249810	2024201103	<u>A61P 29/-</u>	2021266198	
2019215105	2021288467	2024201851			2019341645
2020215613	2021374260		2021374260	<u>A61P 7/-</u>	2020412618
2022256154	2022204326	<u>A61M 60/-</u>			
2022389457	2022235588		<u>A61P 3/-</u>	2018275549	<u>B01L 7/-</u>
2023203321	2022252856	2019239596		2018367552	
	2022358001		2017380844		2020232685
<u>A61K 47/-</u>	2023203055	<u>A61N 1/-</u>	2018367552	<u>A61P 9/-</u>	<u>B02C 13/-</u>
	2023203321		2019301805		2022307831
2017339536	2024205144	2019224043	2020221684	2018356441	
2017377233		2021449806	2021374260	2018367552	<u>B02C 23/-</u>
2018274622	<u>A61L 15/-</u>	202226577		2019388016	
2018275118		2022323907	<u>A61P 31/-</u>	2020221684	
2019213835	2018417229	2023216794		2021374260	2022307831
2019215157			2018302641		
2019232508	<u>A61L 2/-</u>	<u>A61N 5/-</u>	2018377716	<u>A61Q 11/-</u>	<u>B03B 5/-</u>
2019265890			2018406914		
2019360164	2019276967	2019270183	2021225827	2021350112	2022238788
2019383466	2019335392	2019270250	2021266198	2021350837	
2020215613			2021320960		<u>B03C 3/-</u>
2020226216	<u>A61L 27/-</u>	<u>A61N 7/-</u>	2022204326	<u>A61Q 15/-</u>	2019394363
2020240797			2022235588		
2020245520	2024205144	2023216840	2023200603	2020250849	
2021259858			2024227222	<u>A61Q 19/-</u>	<u>B03D 1/-</u>
2022235588	<u>A61M 1/-</u>	<u>A61P 1/-</u>			2019297408
2022252856			<u>A61P 33/-</u>	2023214248	
2023203615	2019314390	2018205999		2023248932	<u>B04C 11/-</u>
2024205144	2022259720	2018302641	2019252324		
	2023202644	2019295120	2021266198	<u>A61Q 5/-</u>	2022323905
<u>A61K 48/-</u>	<u>A61M 11/-</u>	2021350112			
		2021350837	<u>A61P 35/-</u>	2022246639	<u>B04C 5/-</u>
2018275549	2019248020	2021374260		2022272287	
2018377716		2022267366	2017377233		2022323905
2018445968	<u>A61M 16/-</u>		2018274622	<u>A62B 7/-</u>	
2020249810		<u>A61P 13/-</u>	2018275118		<u>B05B 1/-</u>
2021232778	2022241569		2018300051	2023201708	
	2022263547	2021374260	2018336519		2019374062
<u>A61K 49/-</u>	2023201708	2023203321	2019263064	<u>A63G 7/-</u>	
	2023202241		2019275076		<u>B05B 12/-</u>
2019232508		<u>A61P 15/-</u>	2019301283	2022315816	
	<u>A61M 25/-</u>		2019370200		2021416786
<u>A61K 51/-</u>		2019219070	2019383466	<u>A63H 33/-</u>	
	2018435750	<u>A61P 17/-</u>	2019400736		<u>B05B 15/-</u>
2018219226	2019256311		2019408406	2021324672	
2019270183	2019270250	2018417229	2020216034		2019374062
2019270250	2019357403	2020218496	2020218383	<u>B01D 15/-</u>	
2019399674	2020460465	2021472146	2020221684		<u>B05B 17/-</u>
	2022354188	2023214248	2020226190	2019399674	
<u>A61K 8/-</u>			2020229436	2022248996	2019248020
	<u>A61M 3/-</u>	<u>A61P 19/-</u>	2020279974		
2019337405			2020285291	<u>B01D 53/-</u>	<u>B05B 5/-</u>
2019360164	2019215215	2017339536	2021218927		
2020226216		2018367552	2021225890	2019394363	2019374219
2020250849	<u>A61M 37/-</u>	2021374260	2021259858	2022339753	
2021350112			2022256154		<u>B05C 17/-</u>
2021350837	2019352635	<u>A61P 25/-</u>	2022268900	<u>B01D 61/-</u>	
2022246639			2022289605		2019248020
2022272287	<u>A61M 39/-</u>	2019215105	2022389457	2019346437	
2022358001		2019236238	2023203615		<u>B05C 5/-</u>
2023214248	2019250997	2019262197	2023210005	<u>B01J 13/-</u>	
2023248932	2019256311	2020221684			2019248020
	2019407179	2020240797	<u>A61P 37/-</u>	2019360164	
<u>A61K 9/-</u>	2021454770	2020245520			<u>B06B 1/-</u>
	2022263547	2021288467	2018302641	<u>B01J 19/-</u>	
2018406914		2022252856			2019248020
2019215105	<u>A61M 5/-</u>	2022309928	<u>A61P 39/-</u>	2019298815	
				2019311199	<u>B07B 1/-</u>
			2022309928	2019330759	

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2022238788	2019236616		2020367375	<u>B65D 71 /-</u>	<u>B82Y 40 /-</u>
2023248389		<u>B62B 5 /-</u>			
<u>B07C 5 /-</u>	<u>B32B 5 /-</u>	2023200230	<u>B65B 59 /-</u>	2019271416	2019307637
	2019287591	2023200231	2020367375	2021353861	
2019386256	<u>B42D 25 /-</u>	<u>B62D 55 /-</u>		<u>B65D 73 /-</u>	<u>B82Y 5 /-</u>
<u>B08B 1 /-</u>			<u>B65B 61 /-</u>	2021353861	2019307637
	2021352100	2022279525	2020367375		<u>C01B 3 /-</u>
2023203450	<u>B42D 3 /-</u>	<u>B63B 25 /-</u>	<u>B65B 65 /-</u>	<u>B65D 77 /-</u>	2019298815
<u>B08B 3 /-</u>		2021374181	2020367375	2019268742	2021393182
	2024204688			<u>B65D 83 /-</u>	<u>C01B 32 /-</u>
2023203450	<u>B44D 3 /-</u>	<u>B63B 27 /-</u>	<u>B65B 7 /-</u>	2022228308	2019254054
<u>B08B 7 /-</u>		2019322261	2020367375	<u>B65D 85 /-</u>	2020483818
	2020232188	2023250174		2019257405	<u>C01B 33 /-</u>
2023203450	<u>B60B 9 /-</u>	<u>B63B 35 /-</u>	<u>B65C 9 /-</u>		
2024264595		2023250174	2022271962	<u>B65G 1 /-</u>	2019360164
<u>B09B 3 /-</u>	2022238788			2019257405	2020483818
	<u>B60L 53 /-</u>	<u>B63B 49 /-</u>	<u>B65D 1 /-</u>		<u>C01G 1 /-</u>
2019287591		2022241564	2019271416	<u>B65G 13 /-</u>	2019330759
<u>B21D 53 /-</u>	2020200848	<u>B63B 71 /-</u>		2022287243	<u>C01G 3 /-</u>
	<u>B60N 2 /-</u>	2022241564	<u>B65D 19 /-</u>	<u>B65G 15 /-</u>	2019330759
2022236143			2019257405		
<u>B21J 15 /-</u>	2018256617	<u>B63B 79 /-</u>	<u>B65D 25 /-</u>	2018431328	<u>C01G 53 /-</u>
	2018278936	2022241564	2020232188	<u>B65D 21 /-</u>	2019302669
2021264070	<u>B60R 11 /-</u>	<u>B63B 79 /-</u>		2022287243	<u>C02F 1 /-</u>
<u>B23K 26 /-</u>		<u>B64C 15 /-</u>	<u>B65D 35 /-</u>	2022242653	
	2021365848		2022242653	<u>B65G 23 /-</u>	2019314353
2024264595	<u>B60R 22 /-</u>	<u>B64C 15 /-</u>		2018431328	2022248996
<u>B25B 27 /-</u>		<u>B64C 39 /-</u>	<u>B65D 39 /-</u>	2018431328	<u>C02F 103 /-</u>
	2018278936	2019216716	2022277419	<u>B65G 49 /-</u>	2021423034
2019339784	<u>B60T 13 /-</u>	<u>B64C 39 /-</u>		2019257405	<u>C02F 9 /-</u>
<u>B25C 1 /-</u>		<u>B64C 7 /-</u>	<u>B65D 41 /-</u>	<u>B65H 35 /-</u>	2019314353
	2019384304	2019216716	2022242653	2019236021	<u>C04B 28 /-</u>
2018381171	<u>B60T 17 /-</u>	2023274131			2023202421
2019279911		<u>B64C 9 /-</u>	<u>B65D 43 /-</u>	<u>B66C 1 /-</u>	<u>C04B 35 /-</u>
<u>B25J 9 /-</u>	2019384304		2022277419	2023250174	2019306027
	<u>B60T 8 /-</u>	2019201978	2024201403		<u>C04B 7 /-</u>
2019379873		2019201979		<u>B66F 3 /-</u>	2023202421
<u>B29C 53 /-</u>	2019383427	<u>B64C 9 /-</u>	<u>B65D 47 /-</u>	2019277195	<u>C06D 5 /-</u>
	<u>B60W 30 /-</u>	2019201978	2022277419	<u>B67D 1 /-</u>	2019212682
2019236616		2019201979	2024201403		<u>C07C 13 /-</u>
<u>B29C 65 /-</u>	2019272010	<u>B64D 47 /-</u>		<u>B66C 23 /-</u>	2018417229
	<u>B60W 40 /-</u>	2020201498	2019268742	2023250174	<u>C07C 219 /-</u>
2020367375			<u>B65D 5 /-</u>		2022235588
<u>B29D 11 /-</u>	2021362270	<u>B64U 101 /-</u>	2019271416	<u>B66F 7 /-</u>	
	2021416786	2023274131		2022291609	<u>C07C 225 /-</u>
2020258015	<u>B60W 60 /-</u>		<u>B65D 51 /-</u>	2019268742	2019262197
2021237732		2023274131	2024201403	2022291609	
<u>B31F 1 /-</u>	2021416786	<u>B65B 31 /-</u>			
	<u>B61L 25 /-</u>	2020367375	<u>B65D 55 /-</u>	2019268742	
2018447558			2022277419	2019314127	
<u>B32B 27 /-</u>	2022329605	<u>B65B 39 /-</u>		2019366793	
	<u>B61L 27 /-</u>	2019384029	<u>B65D 57 /-</u>	2019384029	
2019236616			2019257405	2019384541	
<u>B32B 37 /-</u>	2022329605	<u>B65B 51 /-</u>		2019385482	
	<u>B62B 3 /-</u>	2020367375	<u>B65D 65 /-</u>	2022291609	
2019236616			2022242653		
<u>B32B 38 /-</u>	2023200230	<u>B65B 57 /-</u>		<u>B67D 7 /-</u>	
	2023200231			2019268742	
				2022291609	

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<u>C07C 229 /-</u>	<u>C07D 215 /-</u>	<u>C07D 475 /-</u>	<u>C07K 16 /-</u>	<u>C08L 23 /-</u>	<u>C12N 1 /-</u>
2022235588	2019408406	2019277372	2017361081	2019321966	2018302641
<u>C07C 233 /-</u>	<u>C07D 217 /-</u>	<u>C07D 487 /-</u>	2018219226	<u>C08L 25 /-</u>	2018304545
2022235588	2019247653	2019370200	2018281280	2019321966	2019217554
<u>C07C 237 /-</u>	2019408406	2020218383	2018336519		2022267366
2023203615	<u>C07D 241 /-</u>	2023210005	2018356441	<u>C08L 53 /-</u>	<u>C12N 11 /-</u>
<u>C07C 255 /-</u>	2019408406	<u>C07D 489 /-</u>	2018387829	2019321966	2020215613
2020258015	<u>C07D 271 /-</u>	2018379410	2019275076	<u>C08L 63 /-</u>	2022358001
2022235588	2019408406	<u>C07D 491 /-</u>	2019301283	<u>C08L 63 /-</u>	<u>C12N 15 /-</u>
<u>C07C 309 /-</u>	<u>C07D 277 /-</u>	2018454271	2019383466	2019307637	2018275549
2020258015	2021259858	2019277372	2020229436	<u>C08L 83 /-</u>	2018295358
<u>C07C 311 /-</u>	<u>C07D 307 /-</u>	2019383466	2020279974	2019360164	2018313921
2019408406	2019408406	<u>C07D 513 /-</u>	2021218927	<u>C08L 9 /-</u>	2018346818
<u>C07C 317 /-</u>	<u>C07D 309 /-</u>	<u>C07D 519 /-</u>	2021267783	2019321966	2018377716
2019408406	2020258015	<u>C07D 519 /-</u>	<u>C07K 5 /-</u>	<u>C08L 95 /-</u>	2018379410
2020258015	<u>C07D 311 /-</u>	<u>C07F 7 /-</u>	2023203615	2019321966	2018397738
<u>C07C 323 /-</u>	2018417229	<u>C07H 1 /-</u>	<u>C07K 7 /-</u>	<u>C09C 1 /-</u>	2019205269
2020258015	2019360164	2020226216	2019289199	2019244479	2021218927
<u>C07C 327 /-</u>	2022268900	2020258015	<u>C08B 37 /-</u>	<u>C08L 95 /-</u>	2021225827
2020258015	<u>C07D 333 /-</u>	<u>C07H 15 /-</u>	2019265921	2019321966	2021225890
<u>C07C 33 /-</u>	2019408406	2018380962	<u>C08F 2 /-</u>	<u>C09C 1 /-</u>	2021232778
2019360164	<u>C07D 401 /-</u>	2019362595	2024259826	2019254054	2021267783
<u>C07C 333 /-</u>	2019400736	<u>C07H 17 /-</u>	<u>C08F 220 /-</u>	<u>C09J 163 /-</u>	2022203617
2024259826	2019408406	<u>C07H 17 /-</u>	2019321966	2019254054	2022204029
<u>C07C 39 /-</u>	2019400736	<u>C07H 21 /-</u>	<u>C08F 224 /-</u>	<u>C09J 163 /-</u>	<u>C12N 5 /-</u>
2018417229	2022268900	2021232778	2020258015	2019319670	2018275549
2019360164	<u>C07D 405 /-</u>	<u>C07H 21 /-</u>	<u>C08G 18 /-</u>	<u>C09K 11 /-</u>	2018346818
<u>C07C 67 /-</u>	2019408406	<u>C07H 3 /-</u>	2019321966	2019328725	2018367552
2020221684	2022268900	2018380962	<u>C08F 220 /-</u>	<u>C11B 1 /-</u>	2018397738
<u>C07C 69 /-</u>	<u>C07D 409 /-</u>	2019362595	2019321966	2019301805	2019275076
2020221684	2019408406	<u>C07J 43 /-</u>	<u>C08F 224 /-</u>	<u>C11D 1 /-</u>	2021218927
2020258015	<u>C07D 413 /-</u>	2021259858	2020258015	<u>C11D 1 /-</u>	2021225890
<u>C07D 207 /-</u>	2019400736	<u>C07K 1 /-</u>	<u>C08G 59 /-</u>	2019280709	2021267783
2019215157	2022268900	2021225827	2019321966	<u>C11D 3 /-</u>	2024205144
<u>C07D 209 /-</u>	2022273544	<u>C07K 14 /-</u>	<u>C08G 61 /-</u>	<u>C11D 3 /-</u>	<u>C12N 7 /-</u>
2019408406	<u>C07D 417 /-</u>	2018275549	2019342903	2019280709	2024227222
<u>C07D 211 /-</u>	2019400736	2018295358	<u>C08G 73 /-</u>	<u>C12C 11 /-</u>	<u>C12N 9 /-</u>
2019263064	2019408406	2018313921	2019342903	2018304545	2018281280
<u>C07D 213 /-</u>	2022268900	2020206109	<u>C08J 3 /-</u>	<u>C12C 12 /-</u>	2018313921
2019408406	<u>C07D 471 /-</u>	2020229436	2019360164	2018304545	2018379410
<u>C07D 213 /-</u>	2020216034	2020279974	<u>C08K 3 /-</u>	<u>C12C 12 /-</u>	2018397738
2019408406	2023200603	2020285291	2019321966	2018304545	2022204029
		2021267783	<u>C08K 5 /-</u>	<u>C12G 3 /-</u>	<u>C12P 17 /-</u>
			2018454271	2019223096	2018379410
			2019321966	<u>C12M 1 /-</u>	<u>C12P 19 /-</u>
				2019223096	2019265921
				<u>C12M 3 /-</u>	<u>C12P 21 /-</u>
				2019257224	2018275549
				2020232685	
				2022202333	<u>C12Q 1 /-</u>
				2022358001	2018302641
					2018311346
					2018321760
					2018367552
					2019311199

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2021232778	<u>D06B 1 /-</u>	<u>E03D 5 /-</u>	<u>E21B 10 /-</u>	2021423034	<u>F04C 2 /-</u>
2021282419					
2021345283	2019374219	2019209965	2019351468	<u>F01K 27 /-</u>	2019230459
2022201153					
2022202333	<u>D06B 5 /-</u>	<u>E04B 1 /-</u>	<u>E21B 17 /-</u>	2021423034	<u>F04C 29 /-</u>
2022203617					
2022224759	2019374219	2019212717	2024204898	<u>F01K 3 /-</u>	2019230459
2022241477		2021239839			
2023266281	<u>D06F 33 /-</u>	<u>E21B 19 /-</u>	<u>E21B 19 /-</u>	2022345492	<u>F04D 13 /-</u>
		<u>E04B 7 /-</u>			
<u>C12R 1 /-</u>	2019283485	2019250656	2019322261	<u>F02B 43 /-</u>	2023203450
	<u>D06F 34 /-</u>	<u>E21B 21 /-</u>	<u>E21B 21 /-</u>	2021203257	<u>F04D 15 /-</u>
2018304545		<u>E04C 3 /-</u>			
2023266281	2020239009	2019212717	2019416961	<u>F02C 3 /-</u>	2019359356
			2019472060		
<u>C21D 8 /-</u>	<u>D06F 39 /-</u>	<u>E04C 5 /-</u>	<u>E21B 23 /-</u>	2019308815	<u>F04D 29 /-</u>
2021370592	2019283485	2020239635	2020426649	<u>F02D 19 /-</u>	2019477645
<u>C22B 1 /-</u>	2019352672		2022403551		
	2020239009	<u>E04D 13 /-</u>		2021203257	<u>F04F 7 /-</u>
2019330759	<u>D06F 58 /-</u>	2019250656	<u>E21B 33 /-</u>	<u>F02D 35 /-</u>	2019424710
<u>C22B 11 /-</u>	2018453171		2019471598	2021203257	<u>F15B 11 /-</u>
	2018454422	<u>E04F 13 /-</u>	2020426649	<u>F02D 41 /-</u>	2022279525
2019330759	2019208188		2022252773		
	2023201411	2021239839		2021203257	<u>F15B 13 /-</u>
<u>C22B 15 /-</u>	<u>D07B 1 /-</u>	<u>E04G 11 /-</u>	<u>E21B 34 /-</u>		
2019330759	2020274436	2018292187	2018456049	<u>F02M 21 /-</u>	2022279525
<u>C22B 23 /-</u>			2022403551		
		<u>E04G 3 /-</u>	2022457103	2021203257	<u>F15B 15 /-</u>
2019330759	<u>D21H 27 /-</u>			<u>F02M 25 /-</u>	2019277195
		2018292187	<u>E21B 36 /-</u>		
<u>C22B 26 /-</u>	2018447558			2021203257	<u>F15B 18 /-</u>
		<u>E04H 4 /-</u>	2022252773		
2023256470	<u>E01B 9 /-</u>			<u>F02M 26 /-</u>	2018431328
		2023202915	<u>E21B 41 /-</u>		
<u>C22B 3 /-</u>	2019251766	2023206213		2021203257	<u>F15B 21 /-</u>
			2019322261		
2019330759	<u>E01F 11 /-</u>	<u>E05B 19 /-</u>	<u>E21B 43 /-</u>	<u>F02N 11 /-</u>	2022279525
2023256470					
	2022226600	2020213442	2019322261	2023285796	<u>F16B 15 /-</u>
<u>C22B 4 /-</u>	<u>E01F 9 /-</u>	<u>E05B 27 /-</u>	2019339921	<u>F03C 1 /-</u>	2019212717
			2019382219		
2019330759	2022226600	2020213442	2022457103	2019424710	<u>F16B 19 /-</u>
<u>C22C 38 /-</u>	<u>E01H 3 /-</u>	<u>E05B 35 /-</u>	<u>E21B 47 /-</u>	<u>F03C 2 /-</u>	2021264070
2021370592	2021416786	2020213442	2019472060	2019230459	<u>F16B 2 /-</u>
<u>C23C 2 /-</u>	2022221753		2020426649		
		<u>E05B 47 /-</u>	2022457103	<u>F03D 13 /-</u>	2021239839
2024201159	<u>E02F 3 /-</u>	2019203126	2024204898		
				2022314872	<u>F16B 5 /-</u>
<u>C25B 1 /-</u>	2022321155	<u>E05D 13 /-</u>	<u>E21B 49 /-</u>	2023250174	2021239839
	2023202466				
2022304843	<u>E02F 9 /-</u>	2020469890	2019472060	<u>F03D 9 /-</u>	<u>F16B 7 /-</u>
<u>C25B 15 /-</u>	2019272010	<u>E05D 15 /-</u>	<u>E21B 7 /-</u>	2022253534	2021230095
	2023202466			2022314872	
2022304843	<u>E03B 11 /-</u>	2020469890	<u>E21F 5 /-</u>	<u>F04B 9 /-</u>	<u>F16D 1 /-</u>
<u>C25B 9 /-</u>	2019359356	<u>E06B 3 /-</u>	2019394363	2019424710	2019477645
			2021416786	<u>F04C 15 /-</u>	<u>F16F 15 /-</u>
<u>C25C 3 /-</u>	<u>E03B 5 /-</u>	2019257405			
		2020469890	<u>F01C 1 /-</u>	2019230459	2020456546
2019306027	2019359356	<u>E06B 9 /-</u>		<u>F04C 18 /-</u>	<u>F16L 1 /-</u>
			2019230459		
<u>D05B 27 /-</u>	<u>E03B 7 /-</u>	2018241180	<u>F01D 15 /-</u>	2019230459	2019322261
		2019201298			
2019429374	2019359356				

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<u>F16L 25 /-</u>	<u>F25J 1 /-</u>	<u>G01N 21 /-</u>	<u>G02B 7 /-</u>	<u>G06N 3 /-</u>	<u>G11C 11 /-</u>
2019339784	2019445489	2018321760	2024264595	2019311199	2019205269
<u>F16L 3 /-</u>	<u>F28D 9 /-</u>	2019276567	<u>G02C 7 /-</u>	<u>G06N 7 /-</u>	<u>G16C 10 /-</u>
2019280452	2022236143	2019307637	2021341457	2020218635	2021307910
<u>F16L 33 /-</u>	<u>F28F 13 /-</u>	2019313352	2022291412	<u>G06Q 10 /-</u>	<u>G16C 20 /-</u>
2019339784	2022236143	2020232685	<u>G03C 1 /-</u>	2020244732	2021307910
<u>F16L 55 /-</u>	<u>F28F 3 /-</u>	2022246447	2018454271	<u>G06Q 50 /-</u>	<u>G16H 20 /-</u>
2019280452	2022236143	<u>G01N 27 /-</u>	<u>G03F 7 /-</u>	2023202466	2019264737
<u>F17C 13 /-</u>	<u>F42D 1 /-</u>	2019205269	2019307637	2023286182	2019270183
2021374181	2019212682	2020401528	<u>G05D 1 /-</u>	<u>G06T 7 /-</u>	2019270250
<u>F21S 10 /-</u>	<u>G01B 11 /-</u>	<u>G01N 33 /-</u>	2019307637	2020264436	<u>G16H 40 /-</u>
2021464163	2020216554	2018219226	2019216716	2021345283	2019264737
<u>F21V 1 /-</u>	2020426649	2018302641	2019379873	<u>G07C 9 /-</u>	2022348682
2021464163	2022241564	2018311346	2019405686	2022307542	<u>G16H 50 /-</u>
<u>F21V 15 /-</u>	<u>G01B 13 /-</u>	2018336519	2020201456	<u>G07D 7 /-</u>	2022348682
2021464163	2019337344	2019231261	2020244732	2020228711	<u>G21G 1 /-</u>
<u>F21Y 105 /-</u>	<u>G01C 21 /-</u>	2019328725	2020264436	<u>G07F 17 /-</u>	2019399674
2019340399	2022287581	2019337344	2022221753	2022241477	<u>H01B 7 /-</u>
2021464163	<u>G01D 1 /-</u>	2020233121	2022287581	2022256209	2020274436
<u>F21Y 107 /-</u>	2020201420	2021225827	2023201850	<u>G08B 13 /-</u>	2021358444
2021464163	<u>G01D 5 /-</u>	2021282419	<u>G05D 7 /-</u>	2019340399	<u>H01B 9 /-</u>
<u>F21Y 113 /-</u>	2019380874	2022201153	2019359356	<u>G08B 25 /-</u>	2020274436
2021464163	<u>G01G 19 /-</u>	2022202333	<u>G06F 1 /-</u>	2019287776	<u>H01F 1 /-</u>
<u>F21Y 115 /-</u>	2020239635	2022241477	2019353140	<u>G08B 5 /-</u>	2021370592
2021464163	2021362270	2022246447	<u>G06F 11 /-</u>	<u>G08B 17 /-</u>	2021370592
<u>F23D 14 /-</u>	<u>G01H 9 /-</u>	2022246447	2020237002	2018456049	2023219902
2022207584	2019380874	2022389457	2020315354	<u>G08G 1 /-</u>	<u>H01F 3 /-</u>
<u>F24C 15 /-</u>	<u>G01J 3 /-</u>	<u>G01R 31 /-</u>	2023203026	2019272010	2023219902
2019352672	2019313352	<u>G01R 33 /-</u>	<u>G06F 113 /-</u>	<u>G08G 5 /-</u>	<u>H01F 7 /-</u>
<u>F24C 7 /-</u>	2019318214	<u>G01R 33 /-</u>	2024264595	2022287581	2021324672
2019352672	<u>G01L 1 /-</u>	<u>G01S 13 /-</u>	<u>G06F 21 /-</u>	<u>G08C 17 /-</u>	<u>H01F 3 /-</u>
<u>F24H 9 /-</u>	2022241564	<u>G01S 13 /-</u>	2020237002	2018456049	2023219902
2022207584	<u>G01L 5 /-</u>	<u>G01S 15 /-</u>	2023286182	<u>G08G 1 /-</u>	<u>H01F 7 /-</u>
<u>F24S 25 /-</u>	2019384304	2022319816	<u>G06F 3 /-</u>	2019272010	<u>H01F 7 /-</u>
2020274436	2020274436	<u>G01S 5 /-</u>	2020213863	<u>G08G 5 /-</u>	2021324672
2021239839	<u>G01M 17 /-</u>	2019287776	<u>G06F 30 /-</u>	2022287581	<u>H01L 31 /-</u>
<u>F25B 1 /-</u>	2019263751	2020201498	2024264595	<u>G09B 1 /-</u>	2022453941
2022236143	<u>G01N 15 /-</u>	<u>G01S 7 /-</u>	<u>G06F 8 /-</u>	2021324672	2024204737
<u>F25D 23 /-</u>	2019262104	<u>G01T 1 /-</u>	2020237002	<u>G09B 5 /-</u>	<u>H01M 10 /-</u>
2019352672	2019276567	2019399674	<u>G06N 10 /-</u>	2023286182	2019302669
	2019307637	<u>G01V 1 /-</u>	<u>G06N 20 /-</u>	<u>G10K 11 /-</u>	2023256470
	2019341645	2021289471	2020218635	2020292946	<u>H01M 12 /-</u>
		<u>G02B 17 /-</u>	2022271962	<u>G10K 9 /-</u>	2019310592
		<u>G02B 6 /-</u>	2022285556	2020251869	2019302669
		2023229611			2019310592
					2020293125

Applications Accepted - IPC Index cont'd

2020483818 2022316990	<u>H02K 11 /-</u>	<u>H04B 10 /-</u>	<u>H04N 21 /-</u>	2021370352
<u>H01R 13 /-</u>	2020421622	2019380874	2022285556	<u>H04W 88 /-</u>
2023263510	<u>H02K 16 /-</u>	<u>H04B 17 /-</u>	<u>H04N 9 /-</u>	2021370352
<u>H01R 24 /-</u>	2020421622	2019287776	2023208142	<u>H05B 7 /-</u>
2023263510	<u>H02K 3 /-</u>	<u>H04B 7 /-</u>	<u>H04R 1 /-</u>	2019306027
<u>H01R 9 /-</u>	2020421622	2020221134	2024202480	<u>H05H 6 /-</u>
2020409099	<u>H02K 35 /-</u>	<u>H04J 13 /-</u>	<u>H04R 3 /-</u>	2019399674
<u>H02B 1 /-</u>	2019341747	2020227908	2024202480	<u>H05K 5 /-</u>
2023270257	<u>H02K 39 /-</u>	<u>H04L 1 /-</u>	<u>H04S 5 /-</u>	2020239009
<u>H02B 15 /-</u>	2020421622	2020221134	2024202480	2023270257
2020201317	<u>H02K 53 /-</u>	2022235811	<u>H04W 12 /-</u>	<u>H05K 7 /-</u>
<u>H02H 7 /-</u>	2019341747	<u>H04L 12 /-</u>	2020237002	2020200848
2021358444	<u>H02K 7 /-</u>	2020289026	2021370352	2023270257
<u>H02H 9 /-</u>	2019341747	<u>H04L 27 /-</u>	2022307542	
2021358444	2020421622	2021395127	<u>H04W 16 /-</u>	
<u>H02J 1 /-</u>	<u>H02M 1 /-</u>	<u>H04L 41 /-</u>	2020473677	
2022346089	2019385920	2019451182	2023202524	
2023203450	2019435207	2020290944	<u>H04W 24 /-</u>	
<u>H02J 11 /-</u>	2021456362	2020392328	2020473677	
2022287680	<u>H02M 7 /-</u>	<u>H04L 45 /-</u>	<u>H04W 4 /-</u>	
<u>H02J 13 /-</u>	2021456362	2020289026	2019287776	
2023203450	2023263493	2020290944	2020227073	
<u>H02J 3 /-</u>	<u>H02P 21 /-</u>	2020392328	2020237002	
2019435207	2022287680	<u>H04L 49 /-</u>	2022287581	
2019451182	<u>H02P 23 /-</u>	2020218635	2022307542	
2020201317	2022287680	<u>H04L 5 /-</u>	<u>H04W 52 /-</u>	
2022239163	<u>H02P 27 /-</u>	2021420338	2019353140	
2022253534	2022287680	2023202524	<u>H04W 56 /-</u>	
<u>H02J 5 /-</u>	<u>H02P 3 /-</u>	<u>H04L 67 /-</u>	2022293671	
2022346089	2022287680	2020218635	<u>H04W 64 /-</u>	
<u>H02J 50 /-</u>	<u>H02P 7 /-</u>	2020289026	2020211927	
2020200848	2022287680	<u>H04L 69 /-</u>	<u>H04W 72 /-</u>	
<u>H02J 7 /-</u>	<u>H02P 9 /-</u>	2020218635	2020211927	
2019384926	2022287680	<u>H04L 7 /-</u>	2020221134	
2019400237	<u>H02S 10 /-</u>	2022293671	2021343589	
2020200848	2022346089	<u>H04L 9 /-</u>	2021395127	
2021358444	<u>H02S 50 /-</u>	2020219455	2023202524	
2023203450	2023233224	<u>H04M 1 /-</u>	2023278035	
2023263493	<u>H03K 3 /-</u>	2021365848	<u>H04W 74 /-</u>	
2023285796	2020421622	<u>H04N 19 /-</u>	2020473677	
<u>H02K 1 /-</u>		2023285833	<u>H04W 76 /-</u>	
2019341747		2024200619	2021370352	
		2024201140	<u>H04W 8 /-</u>	

Certified Innovation Patents

Name Index

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

(71) Kumiai Chemical Industry Co., Ltd.
 (11) AU-B-2024100033
 (21) 2024100033 (22) 12.09.2024
 (54) Process for producing herbicide and intermediate thereof
 (51) Int. Cl.
 C07D 413/12 (2006.01)
 C07B 61/00 (2006.01)
 (45) 19.12.2024
 (62) 2023201945
 (72) UCHIDA, Yukio; ATSUMI, Naoya; TANI, Shinki; OKADA, Koji; MURAI, Yuta; CAOIMHIN, Arnott
 (74) Allens Patent & Trade Mark Attorneys

(71) Kumiai Chemical Industry Co., Ltd.
 (11) AU-B-2024100034
 (21) 2024100034 (22) 12.09.2024
 (54) Process for producing herbicide and intermediate thereof
 (51) Int. Cl.
 C07D 413/12 (2006.01)
 C07B 61/00 (2006.01)
 (45) 19.12.2024
 (62) 2023201945
 (72) UCHIDA, Yukio; ATSUMI, Naoya; TANI, Shinki; OKADA, Koji; MURAI, Yuta; CAOIMHIN, Arnott
 (74) Allens Patent & Trade Mark Attorneys

(71) Kumiai Chemical Industry Co., Ltd.
 (11) AU-B-2024100035
 (21) 2024100035 (22) 12.09.2024
 (54) Process for producing herbicide and intermediate thereof
 (51) Int. Cl.
 C07D 413/12 (2006.01)
 C07B 61/00 (2006.01)
 (45) 19.12.2024
 (62) 2023201945
 (72) UCHIDA, Yukio; ATSUMI, Naoya; TANI, Shinki; OKADA, Koji; MURAI, Yuta; CAOIMHIN, Arnott
 (74) Allens Patent & Trade Mark Attorneys

Numerical Index

2024100033 Kumiai Chemical Industry Co., Ltd.
2024100034 Kumiai Chemical Industry Co., Ltd.
2024100035 Kumiai Chemical Industry Co., Ltd.

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C07B 61 /-

2024100033
2024100034
2024100035

C07D 413 /-

2024100033
2024100034
2024100035

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2021370406 **JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.** (BlueScope Steel Limited)

Opposition Withdrawn - Proceed to Grant

2018259164 **Aus Group Alliance Pty Ltd** (Lee Brothers Fencing Pty Ltd)

Opposition under Section 104(4) - Lodged

2016269707 **Sanofi-Aventis Deutschland GmbH** (SHL Medical AG)

Patents Granted

Standard Patents

2015407253	2016402264	2017203752	2017249631
2017252574	2017260532	2017278257	2017285218
2017293942	2017306560	2017309314	2017327504
2017353380	2017361846	2017384471	2017432646
2017436163	2017436646	2018204933	2018225099
2018225746	2018232955	2018236810	2018250163
2018257993	2018260627	2018260914	2018263923
2018272908	2018273032	2018277822	2018282335
2018287140	2018288849	2018294659	2018301379
2018303230	2018312486	2018316381	2018326627
2018327301	2018327357	2018332505	2018333138
2018345333	2018346085	2018347421	2018351072
2018355004	2018360565	2018366377	2018370123
2018372009	2018377066	2018383013	2018383748
2018384077	2018387717	2018388979	2018391393
2018397746	2018399629	2018411730	2018420231
2018431114	2018437235	2018442681	2019202901
2019203978	2019204046	2019207683	2019209321
2019211123	2019211978	2019220893	2019222651
2019224040	2019225999	2019226005	2019227917
2019236747	2019240335	2019245287	2019246389
2019247097	2019247614	2019253228	2019253774
2019254327	2019256718	2019257708	2019258341
2019258678	2019261211	2019261438	2019262774
2019264603	2019265630	2019269606	2019274601
2019283355	2019285353	2019287788	2019293644
2019296514	2019296521	2019296826	2019297148
2019299841	2019300777	2019303025	2019303323
2019304072	2019306705	2019307605	2019314278
2019318770	2019324575	2019333191	2019333924
2019341495	2019346372	2019347873	2019350649
2019356464	2019360367	2019364194	2019375540
2019376495	2019381843	2019382674	2019388833
2019394750	2019406712	2019408268	2019414977
2019470252	2020203062	2020225911	2020250316
2020269377	2020285252	2020286202	2020289708
2020316241	2020319842	2020321382	2020324956
2020326998	2020327713	2020332854	2020339086
2020351585	2020352529	2020405017	2020416292
2020446248	2020452936	2020470311	2020472727
2020481265	2021201147	2021201810	2021205842
2021209953	2021212558	2021222856	2021226238
2021229505	2021236442	2021250571	2021262783
2021263795	2021265040	2021266344	2021269427
2021276676	2021284706	2021295698	2021296506
2021302188	2021303469	2021317552	2021319651
2021319726	2021319774	2021323989	2021326409
2021331184	2021336597	2021346222	2021348256

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2021357059	2021366326	2021367849	2021370920
2021375339	2021375992	2021381766	2021390435
2021398759	2021403102	2021418839	2021420534
2021429146	2022200742	2022201695	2022201741
2022202108	2022202251	2022203039	2022203142
2022203311	2022203364	2022203676	2022204272
2022204649	2022206693	2022206799	2022211325
2022211907	2022214112	2022224854	2022238038
2022238864	2022241476	2022241973	2022242822
2022245153	2022245639	2022246182	2022252719
2022259805	2022261860	2022266021	2022269590
2022275402	2022281700	2022287570	2022291441
2022292190	2022299969	2022311497	2022317614
2022420809	2022435236	2023200148	2023200153
2023200155	2023200361	2023200524	2023200576
2023200608	2023200763	2023200782	2023201012
2023201111	2023201211	2023202182	2023202430
2023202855	2023202985	2023203343	2023204576
2023204632	2023204681	2023206102	2023206222
2023208179	2023210448	2023210540	2023219853
2023222908	2023222963	2023233136	2023248186
2023262714	2024200746	2024202620	2024204522
2024205139	2024205158	2024205196	2024205382
2024205401			

Innovation Patents

2024100041

Assignments Registered

2009243065 GlaxoSmithKline LLC The patent has been assigned to **North Star OpCo Limited**

2009319873 McNeil-PPC, Inc.; Johnson & Johnson GmbH The patent has been assigned to **Johnson & Johnson GmbH; Johnson & Johnson Consumer Inc.**

2010297311 Wilex AG The patent has been assigned to **HDP G250 AG & Co. KG**

2011271667 Strategic Operations, Inc The patent has been assigned to **American 3B Scientific, L.P.**

2012356894 ARARIS BIOTECH LTD. The patent has been assigned to **ARARIS BIOTECH LTD.; PAUL SCHERRER INSTITUT**

2013219211 GlaxoSmithKline LLC The patent has been assigned to **North Star OpCo Limited**

2013312345 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2013346585 Benedetti International Limited The patent has been assigned to **Airglove Medical Limited**

2013369288 Universite de Lille 2 Droit et Sante; AlzProtect; INSERM (Institut National de la Sante et de la Recherche Medicale) The patent has been assigned to **AlzProtect; INSERM (Institut National de la Sante et de la Recherche Medicale); Université de Lille**

2014203444 McNeil-PPC, Inc.; Johnson & Johnson GmbH The patent has been assigned to **Johnson & Johnson GmbH; Johnson & Johnson Consumer Inc.**

2014213837 Siemens Process Systems Engineering Limited The patent has been assigned to **Siemens Industry Software Limited**

2014233351 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

Assignments Registered

2014233357 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2014262579 GlaxoSmithKline LLC The patent has been assigned to **North Star OpCo Limited**

2014283185 ARARIS BIOTECH LTD. The patent has been assigned to **ARARIS BIOTECH LTD.; PAUL SCHERRER INSTITUT**

2014320015 MOCKV Solutions LLC The patent has been assigned to **Cygnus Technologies, LLC**

2014323444 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2015296176 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2015413475 Total SA; IFP Energies Nouvelles; AXENS The patent has been assigned to **IFP Energies Nouvelles; AXENS; TotalEnergies OneTech**

2016246072 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2016267690 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2016277705 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2016282485 RABIN WORLDWIDE, INC. The patent has been assigned to **Avery Dennison Retail Information Services LLC**

2016291566 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2016299960 Parklink Developments The patent has been assigned to **JMA ALEJANDRO ALTUNA, S.L.U**

2016341280 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2016413093 Total SA; Veolia Water Solutions & Technologies Support; Saipem S.A. The patent has been assigned to **Veolia Water Solutions & Technologies Support; Saipem S.A.; TotalEnergies OneTech**

2017203121 GlaxoSmithKline LLC The patent has been assigned to **North Star OpCo Limited**

2017225119 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2017298468 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2017315380 HALEON US IP LLC The patent has been assigned to **North Star OpCo Limited**

2017318989 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2017364328 Swell Energy Inc. The patent has been assigned to **SDG Gridco LLC**

2018202218 ALZPROTECT; UNIVERSITE DE LILLE 2 DROIT ET SANTE; INSERM (Institut National de la Santé et de la Recherche Médicale) The patent has been assigned to **ALZPROTECT; INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Lille**

Assignments Registered

2018250278 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2018256515 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2018273197 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2018317499 Ellex Medical Pty Ltd The patent has been assigned to **Alpharet Pty Ltd**

2018326701 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2018365791 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2018383615 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2019100209 ThyssenKrupp Carbon Components GmbH; ThyssenKrupp Federn und Stabilisatoren GmbH The patent has been assigned to **Action Composites GmbH**

2019240704 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2019250246 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2020201246 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2020264378 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2021200082 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2021200484 MOCKV Solutions LLC The patent has been assigned to **Cygnus Technologies, LLC**

2021201689 Parklink Developments The patent has been assigned to **JMA ALEJANDRO ALTUNA, S.L.U**

2021203266 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2021261953 RABIN WORLDWIDE, INC. The patent has been assigned to **Avery Dennison Retail Information Services LLC**

2021277693 Genesys Cloud Services Holdings II, LLC The patent has been assigned to **Genesys Cloud Services, Inc.**

2022202616 Swell Energy Inc. The patent has been assigned to **SDG Gridco LLC**

2023201542 Muggleton, Kevin The patent has been assigned to **Greener Blue Limited**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2015330726 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 24 Jun 2024

For the goods OXLUMO lumasiran (as sodium)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

2021269372 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 24 Jun 2024

For the goods OXLUMO lumasiran (as sodium)

Applications Accepted

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

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

2007290099 **ACTELION PHARMACEUTICALS LTD**

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

For the goods OPSYNOVI macitentan / tadalafil

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2009244130 **HUTCHMED Limited**

The earliest first regulatory approval date provided by the patentee 02 Oct 2024

For the goods FRUZAQLA fruquintinib

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2015316010 **HUTCHMED Limited**

The earliest first regulatory approval date provided by the patentee 02 Oct 2024

For the goods FRUZAQLA fruquintinib

Address for service : Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020204164 **Arena Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 22 May 2024

For the goods VELSIPITY crystalline free-plate habit of etrasimod arginine

Address for service : FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Applications Refused

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

2020200767 **The Trustees of the University of Pennsylvania**

The earliest first regulatory approval date provided by the patentee 19 Dec 2018

For the goods KYMRIAH Tisagenlecleucel

Extensions granted

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

2011234398 **OGEDA SA**

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

For the goods VEOZA fezolinetant

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

Extension of Term of patent pursuant to Section 77 expires on 04 Apr 2036

2021203840 **Emory University**

The earliest first regulatory approval date provided by the patentee 20 Jan 2022

For the goods LAGEVRIO molnupiravir

Extension of Term of patent pursuant to Section 77 expires on 20 Jan 2037

Corrigenda

In Vol 58 , No 49 , Page(s) 7063 under the heading **Assignments Before Grant, Section 113 - 2020** Under the name ThyssenKrupp Uhde GmbH and ThyssenKrupp AG, Application No. 2020375079, under INID (71) correct the applicant name to thyssenkrupp Uhde GmbH and thyssenkrupp AG

In Vol 58 , No 49 , Page(s) 7066 under the heading **Amendments - Application for Amendments** Under the name Automation Tech, LLC, Patent Application No. 2021246429 correct the date of the statements filed to read 29 Oct 2024 and 26 Nov 2024

Specifications Republished

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

2018356441	4TEEN4 Pharmaceuticals GmbH
2019233611	Subsea 7 Norway AS
2019261727	Prysmian S.p.A.
2021362679	HILL'S PET NUTRITION, INC.
2022235121	HEFEI TG IMMUNOPHARMA CO., LTD.
2023236880	CASALE SA