



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

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).

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Caroma Industries Limited [2024] APO 55

Patent Application: 2021245125

Title: Maintenance management system and method

Patent Applicant: Caroma Industries Limited

Delegate: Anish Singh

Decision Date: 23 December 2024

Hearing Date: Written submissions filed on 1 March 2024

Catchwords: **PATENTS** – section 45 – examiner’s objection – maintenance management system – components usage data – location – minimise travel time – geographical mapping – manner of manufacture – invention in substance directed to an administrative scheme – application refused – inventive step not considered

Representation: Patent attorney for the applicant: Spruson & Ferguson

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IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Pizzeys Patent and Trade Mark Attorneys Pty Ltd v Apple Inc. [2024] APO 54

Patent Application:	2017304128
Title:	System for and method of authenticating a component of an electronic device
Patent Applicant:	Apple Inc.
Opponent:	Pizzeys Patent and Trade Mark Attorneys Pty Ltd
Delegate:	Dr V. Z. Kolev
Decision Date:	23 December 2024
Hearing Date:	30 October 2023 via video conference
Catchwords:	PATENTS – section 59 – opposition to grant of a patent – clarity – novelty – inventive step – manner of manufacture – clear enough and complete enough disclosure – best method known to the applicant – support – authentication of a component of an electronic device to ascertain if the component has been replaced or tampered with – the component having a touch

based input device – detecting touch event characteristics of touch events that identify a PIN – using the touch event characteristics as a source of random noise – using the random noise for generating dynamic unique keys – authenticating the component by the device – opposition unsuccessful – costs awarded

Representation:

Patent attorney for the Applicant: Mr Carl Harrap and Dr Elyse Schinella of FPA Patent Attorneys Pty Ltd

The Opponent did not appear

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 31 Dec 2024 .

(71) Ahmed, U.; Memon, A.A. (21) 2025900008 (22) 02.01.2025 (54) A travel luggage system featuring enhanced wheel protections	(71) Backtech Pty Ltd (21) 2024904315 (22) 25.12.2024 (54) New Method for Testing Cemented and Uncemented Soil Under High Confinement Pressure	(71) Choi, P.; Chlimon, D. (21) 2024904342 (22) 31.12.2024 (54) The patent is for a mobile phone app which utilises crowd tasking to complete courier tasks.
(71) Alavi, A. (21) 2024904320 (22) 25.12.2024 (54) All-natural therapeutical Skin Care Ointment	(71) Booth, B. (21) 2024904289 (22) 23.12.2024 (54) System and Method for Load Distribution in Real-Time Multiplayer Gaming	(71) Chugh, H. (21) 2025900007 (22) 02.01.2025 (54) Remote Biometric authentication without use of hardware
(71) Albert Einstein College of Medicine; Victoria Link Limited (21) 2024904325 (22) 27.12.2024 (54) N-SUBSTITUTED PYRROLIDINE METHYLPHOSPHATE AND METHYLPHOSPHONATES AS DNPH1 INHIBITORS	(71) Bye, E. (21) 2024904316 (22) 25.12.2024 (54) Chocolate Snakes and Ladders	(71) Chung, C.T. (21) 2024904318 (22) 25.12.2024 (54) Stand Up Paddle Surfboard Electrical Assistant System Structure
(71) Aldo Raines (21) 2024904323 (22) 26.12.2024 (54) Methanol Testing strips/Paper straw that detects methanol, GHB, ketamine and Flunitrazepam	(71) Cafetto Pty Ltd (21) 2024904312 (22) 24.12.2024 (54) GRINDER CLEANER	(71) Chung, D. (21) 2024904338 (22) 30.12.2024 (54) Citizen Compute
(71) AttractLign Holdings Pty Ltd (21) 2024904330 (22) 28.12.2024 (54) Apparatus for Correcting Orthodontic Malocclusions	(71) Calix Ltd (21) 2025900030 (22) 07.01.2025 (54) SYSTEMS AND PROCESSES FOR MANUFACTURING	(71) Coast Asset Pty LTD (21) 2025900021 (22) 06.01.2025 (54) J2534 Pass-Through System on Module (SoM) Hardware Interface (M.2 Form Factor)
Australian National University see NewSouth Innovations Pty Limited (21) 2024904310	(71) Campbell, B.L.; Ray, P. (21) 2025900005 (22) 02.01.2025 (54) Methods and Preparation and Uses of Xanthorrhoeaceae Compositions	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024904307 (22) 24.12.2024 (54) Predicting packaging of single stranded nucleic acid
(71) AUSUS PTY LTD (21) 2024904334 (22) 29.12.2024 (54) Peptides	Cenko, A. see Tutty, M. (21) 2024904274	(71) Composite Building Technology Pty Ltd (21) 2024904305 (22) 24.12.2024 (54) Pile Cap
	(71) Challenge Implements Holdings Pty. Limited (21) 2025900022 (22) 06.01.2025 (54) COUPLER ASSEMBLY FOR FRONT END LOADER	(71) Composite Building Technology Pty Ltd (21) 2024904306 (22) 24.12.2024 (54) Composite Flooring or Building Component
	Chlimon, D. see Choi, P. (21) 2024904342	

Provisional Applications Filed - Name Index cont'd

Croft, T. see Croft Infrastructure Designs Pty Ltd
(21) 2024904321

(71) Croft Infrastructure Designs Pty Ltd;
Croft, T.
(21) 2024904321 (22) 25.12.2024
(54) Dispersing Melbourne;s Eastern Free-
way Traffic

(71) Croser, H.
(21) 2025900009 (22) 03.01.2025
(54) System for Evaluating Sunscreen Ap-
plication and UV Exposure

(71) Devers, D.
(21) 2025900029 (22) 07.01.2025
(54) Optical Transceiver.

(71) Ecopha Biotech Pty Ltd
(21) 2025900024 (22) 06.01.2025
(54) Process for the Production of Biode-
gradable Polymer from Pongamia Oil

(71) Elbarawy, A.
(21) 2024904319 (22) 25.12.2024
(54) Belt Shield - Predictive Monitoring Solu-
tion for Conveyor Belts Using Machine
Learning Models

(71) Emmanuel Karantanis
(21) 2024904304 (22) 24.12.2024
(54) Device, system and method for inflat-
able pessary

(71) Evans, R.
(21) 2025900000 (22) 01.01.2025
(54) Improved practical plate-pleated flexible
axial structural geometrics

(71) Fisher & Paykel Appliances Limited
(21) 2024904333 (22) 28.12.2024
(54) Cooking Appliance

(71) FST INNOVATION PTY LTD
(21) 2025900018 (22) 06.01.2025
(54) DUAL ACTIVATION OF A FIRE
SPRINKLER

Granato-mitchell, A. see Hirst, J.
(21) 2024904327

(71) GREEN BRICK PTY LTD
(21) 2024904296 (22) 23.12.2024
(54) A METHOD FOR MANUFACTURING
BRICKS AND A BRICK

(71) H2H Energy Pty. Ltd.
(21) 2024904299 (22) 24.12.2024
(54) Method of Dispensing Hydrogen Fuel
and Hydrogen Refuelling System

(71) H2MGEN
(21) 2025900014 (22) 03.01.2025
(54) self producing hydrogen powered en-
gine not needing fuel cell or any fuel
storage enabling a safe production on
demand system. The design does not
need to utilise catalyst in process mak-
ing it different to any other.

(71) Hellwege, S.
(21) 2024904335 (22) 29.12.2024
(54) Cumulative Trauma Tracking Tool

(71) Hirst, J.; Granato-mitchell, A.
(21) 2024904327 (22) 27.12.2024
(54) Plant Growing Environmental Condition
Regulating System

(71) INNOVATIVE BLASTING TECHNOLO-
GIES PTY. LTD.
(21) 2025900025 (22) 07.01.2025
(54) OptiClino

(71) Johan, H.
(21) 2025900012 (22) 03.01.2025
(54) SYSTEM AND METHOD FOR FACIL-
ITATING USERS TO REVIEW, AND IN-
VEST IN, THE SERVICES PROVIDED
BY FITNESS PROFESSIONALS

Jonlo Engineering Pty Ltd see Peake, S.
(21) 2024904337

(71) KOLLASCH, S.
(21) 2025900031 (22) 07.01.2025
(54) A SLING SUPPORT

(71) Lam, T.T.
(21) 2024904331 (22) 28.12.2024
(54) SOLAR-WIND-WAVE ENERGY SYS-
TEMS

(71) Laureano, P.
(21) 2024904314 (22) 24.12.2024
(54) "Automated Deterministic Graph
Framework for Adaptive, Explainable,
and Scalable Decision Support Across
Complex Problem Spaces"

(71) Macdonald, J.
(21) 2025900027 (22) 07.01.2025
(54) Spiral Energy Device: A Semi-Sub-
merged Wave Energy Conversion Sys-
tem

(71) Mahmoud, H.
(21) 2024904324 (22) 26.12.2024
(54) Smart Pallet with Digital Tracking and
Secure Freight Management Features

(71) Mahmoud, H.; Real Dairy Australia Pty
Ltd
(21) 2024904336 (22) 29.12.2024
(54) Smart Pallet System with HDPE Con-
struction and Integrated Freight Man-
agement Features

(71) Maxwell and Higgs Pty Ltd
(21) 2024904332 (22) 28.12.2024
(54) TOWED VEHICLE PROTECTION
DEVICE WITH COMMUNICATION
MODULE

(71) McMahon, S.
(21) 2024904340 (22) 30.12.2024
(54) The Phone Blanket

Memon, A.A. see Ahmed, U.
(21) 2025900008

(71) Millibeam Holdings Pty Ltd
(21) 2025900004 (22) 02.01.2025
(54) Frequency agile transmitter and receiv-
er

(71) Minappi Pty Ltd
(21) 2024904300 (22) 24.12.2024
(54) Garment

(71) MINCLE; sunstrum, N.; payette, j.; sun-
strum, c.; Sunstrum, F.
(21) 2025900016 (22) 04.01.2025
(54) High-Efficiency Elastomer Diaphragm
Fluid Delivery System for Accurate
Medication Administration

(71) MODDEX GROUP Pty Ltd
(21) 2024904326 (22) 27.12.2024
(54) A MOUNT FOR A BARRIER SYSTEM

Morini, F. see Strijland, D.
(21) 2025900019

(71) NEW BUILDING SOLUTIONS PTY LTD
(21) 2025900020 (22) 06.01.2025
(54) Wall System and Construction Method

(71) NewSouth Innovations Pty Limited;
Australian National University
(21) 2024904310 (22) 24.12.2024
(54) Modified Receptors and Ligands

Provisional Applications Filed - Name Index cont'd

(71) Nicholson, K.
(21) 2025900028 (22) 07.01.2025
(54) 3D-Printed Goal-Based Financial Saving Model with Integrated Tapping Payment Mechanism

(71) Nunhems Netherlands B.V.
(21) 2024904293 (22) 23.12.2024
(54) LETTUCE VARIETIES NUN 01349 LTL AND NUN 01352 LTL

(71) Nunhems Netherlands B.V.
(21) 2024904294 (22) 23.12.2024
(54) LETTUCE VARIETIES NUN 01316 LTL, NUN 01339 LTL, AND NUN 01343 LTL

(71) Nunhems Netherlands B.V.
(21) 2024904308 (22) 24.12.2024
(54) Lettuce Varieties NUN 01331 LTL, NUN 01351 LTL, and NUN 01354 LTL

(71) Nunhems Netherlands B.V.
(21) 2024904311 (22) 24.12.2024
(54) LETTUCE VARIETY NUN 06646 LTL

(71) Nunhems Netherlands B.V.
(21) 2025900006 (22) 02.01.2025
(54) MELON VARIETY NUN 71131 MEM

(71) Ouranos Supercritical Technologies Limited
(21) 2024901204 (22) 29.04.2024
(54) REACTOR CORE AND REACTOR

(71) Pagden, K.
(21) 2025900033 (22) 07.01.2025
(54) Platinum Coral Permanent low humidity evaporative Filter Panel

payette, j. see MINCLE
(21) 2025900016

(71) Peake, S.; Jonlo Engineering Pty Ltd
(21) 2024904337 (22) 30.12.2024
(54) Novel Energy Transmission System

(71) Petrou, L.
(21) 2025900017 (22) 06.01.2025
(54) A point-of-sale system integrated expiry date scanning system

(71) Psylo Pty Ltd
(21) 2024904301 (22) 24.12.2024
(54) Compounds

(71) Psylo Pty Ltd
(21) 2024904302 (22) 24.12.2024
(54) Compounds

(71) QOSO Pty Ltd
(21) 2025900011 (22) 03.01.2025
(54) TOILETRY BAG

(71) Queensland University of Technology
(21) 2024904313 (22) 24.12.2024
(54) Distributed Machine Learning

Ray, P. see Campbell, B.L.
(21) 2025900005

Real Dairy Australia Pty Ltd see Mahmoud, H.
(21) 2024904336

(71) Resonance Health Analysis Services Pty Ltd
(21) 2024904309 (22) 24.12.2024
(54) Fibrosis markers

(71) Richards, G.
(21) 2025900001 (22) 01.01.2025
(54) A Mechanised Pothole Repair System

(71) Richardson, R.
(21) 2024904322 (22) 26.12.2024
(54) A Secure Social Media and Adult Content Control System for Parents

(71) RIHA Industries Pty Ltd
(21) 2024904328 (22) 27.12.2024
(54) IMPROVED ATTACHMENT MEANS FOR LIFTING AND TRANSPORTATION DEVICE

(71) RRU Services Limited
(21) 2024904292 (22) 23.12.2024
(54) MONITORING SYSTEMS, DEVICES AND METHODS

(71) Rux Technology Pty Ltd
(21) 2024904339 (22) 30.12.2024
(54) A system and container for storage and transport of gaseous substances

(71) Saddler, M.
(21) 2025900026 (22) 07.01.2025
(54) The iRemember.com.au media and advertising prospect engagement system.

(71) Sgouras, C.
(21) 2025900002 (22) 01.01.2025
(54) Unified Synergy Logic (USL)

(71) Simpson, B.
(21) 2025900013 (22) 03.01.2025
(54) Excavator Load Weighing System

(71) Smith, M.
(21) 2024904298 (22) 24.12.2024
(54) Mobile phone accessories.. Wireless jacket antenna for radio, with built in speaker perhaps.... Able pair via Bluetooth wireless network..

(71) Strijland, D.; Morini, F.
(21) 2025900019 (22) 06.01.2025
(54) Battery Mechanical Lockout Device for B737 Aircraft

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(21) 2025900016

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(21) 2025900016

Sunstrum, F. see MINCLE
(21) 2025900016

(71) Taylor, J.
(21) 2024904329 (22) 27.12.2024
(54) Google

(71) Technological Resources Pty. Limited
(21) 2024904303 (22) 24.12.2024
(54) MODELLING GEOLOGICAL STRUCTURES

(71) Telestructure Pty Lid
(21) 2024904317 (22) 25.12.2024
(54) dust-proof adjustable-depth forstner drill bit

(71) The University of Melbourne
(21) 2024904288 (22) 23.12.2024
(54) Multifunctional compositions

(71) Thompson, A.
(21) 2025900015 (22) 03.01.2025
(54) A system and method for secure computing through frame of reference alignment

(71) Timbecon Pty Ltd
(21) 2024904343 (22) 31.12.2024
(54) Honing guide

(71) Tutty, M.; Cenko, A.
(21) 2024904274 (22) 22.12.2024
(54) Neuromorphic Aircraft Stores Centric Expendable and returnable Networked Technology (NASCENT)

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(71) University of Wollongong
(21) 2025900023 (22) 06.01.2025
(54) HELICAL PILE

(71) VeganicSKN Limited
(21) 2025900010 (22) 03.01.2025
(54) A pest repellent composition

**Victoria Link Limited see Albert Einstein
College of Medicine**
(21) 2024904325

(71) WHITEHEAD, K.
(21) 2024904341 (22) 31.12.2024
(54) Case feeder arrangement

(71) YOUNG SPORTS APPAREL PTY LTD
(21) 2025900003 (22) 02.01.2025
(54) Sun Protection Garment

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2024904292	RRU Services Limited	2025900015	Thompson, A.
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2024904317	Telestructure Pty Lid		
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2024904319	Elbarawy, A.		
2024904320	Alavi, A.		
2024904321	Croft Infrastructure Designs Pty Ltd; Croft, T.		
2024904322	Richardson, R.		
2024904323	Aldo Raines		
2024904324	Mahmoud, H.		
2024904325	Albert Einstein College of Medicine; Victoria Link Limited		
2024904326	MODDEX GROUP Pty Ltd		
2024904327	Hirst, J.; Granato-mitchell, A.		
2024904328	RIHA Industries Pty Ltd		
2024904329	Taylor, J.		
2024904330	AttractLign Holdings Pty Ltd		
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2024904343	Timbecon Pty Ltd		
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2025900003	YOUVEE SPORTS APPAREL PTY LTD		
2025900004	Millibeam Holdings Pty Ltd		
2025900005	Campbell, B.L.; Ray, P.		
2025900006	Nunhems Netherlands B.V.		
2025900007	Chugh, H.		
2025900008	Ahmed, U.; Memon, A.A.		
2025900009	Croser, H.		
2025900010	VeganicSKN Limited		

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Applications listed below were processed through the Patent Office Canberra during the period ending 31 Dec 2024 .

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

(71) Adobe Inc. (21) 2024287249 (22) 30.12.2024 (54) LEARNING CONTINUOUS CONTROL FOR 3D-AWARE IMAGE GENERATION ON TEXT-TO-IMAGE DIFFUSION MODELS	(54) WIDE APERTURE OPTICAL COMMUNICATIONS	(71) Barnes, G. (21) 2024287231 (22) 26.12.2024 (54) Removeable Light Fixture Adaptor System
(71) Adobe Inc. (21) 2025200044 (22) 04.01.2025 (54) MASK-FREE COMPOSITE IMAGE GENERATION	(71) AxoGen Corporation (21) 2024287234 (22) 27.12.2024 (54) CAPTURE-TOOL FOR MANIPULATING AND ENTUBULATING NERVES	(71) BARRETT, C. (21) 2025200080 (22) 07.01.2025 (54) A tie-down strap monitoring system
(71) Allorion Therapeutics Inc (21) 2025200001 (22) 02.01.2025 (54) Aminoheteroaryl kinase inhibitors	(71) AYPM PTY LTD (21) 2024287233 (22) 27.12.2024 (54) simplifying and automating specimen booking with technology, enabling quicker care plan implementation and accelerated recovery	BASSOO, J. see BASSOO, N. (21) 2024287243
(71) Altronic Distributors Pty Ltd (21) 2025200072 (22) 06.01.2025 (54) Shroud and Speaker Assembly	Barbulescu, T. see Barbulescu, D. (21) 2025200099	(71) BASSOO, N.; BASSOO, J. (21) 2024287243 (22) 28.12.2024 (54) LOADABLE BAG
(71) Amgen Inc. (21) 2024287176 (22) 23.12.2024 (54) Drug delivery device having damping mechanism	Barbulescu, V. see Barbulescu, D. (21) 2025200099	(71) BGC Partners, Inc. (21) 2025200049 (22) 06.01.2025 (54) PRODUCTS AND PROCESSES FOR ORDER DISTRIBUTION
(71) Amicus Therapeutics, Inc. (21) 2025200074 (22) 07.01.2025 (54) TREATMENT OF PATIENTS WITH CLASSIC FABRY DISEASE	Barbulescu, D. see Barbulescu, D. (21) 2025200099	(71) Biocell Corporation Limited (21) 2025200067 (22) 06.01.2025 (54) IMPROVED STERILE INJECTABLE FORMULATIONS AND A METHOD FOR THEIR PREPARATION
(71) Anglo American Technical & Sustainability Services Limited (21) 2024287222 (22) 24.12.2024 (54) HYBRID HYDROGEN POWER MODULE	Barbulescu, N. see Barbulescu, D. (21) 2025200099	(71) Block, Inc. (21) 2024287192 (22) 23.12.2024 (54) Device-aware communication requests
(71) Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd. (21) 2025200043 (22) 03.01.2025 (54) An integrated heap leach process	Barbulescu, C. see Barbulescu, D. (21) 2025200099	(71) Boston Scientific Scimed, Inc. (21) 2024287258 (22) 30.12.2024 (54) Encapsulated components of medical devices, and methods therefor
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(71) Archangel Lightworks Ltd (21) 2025200003 (22) 02.01.2025	(71) Bardy Technologies, Inc. (21) 2024287242 (22) 27.12.2024 (54) DE-ENERGIZABLE DEFIBRILLATION ASSEMBLY	(71) Canon Kabushiki Kaisha (21) 2024287254 (22) 30.12.2024 (54) Cartridge and image forming apparatus

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(71) Canon Kabushiki Kaisha
(21) 2024287255 (22) 30.12.2024
(54) Cartridge, member constituting cartridge, and image forming apparatus

(71) Canon Kabushiki Kaisha
(21) 2024287264 (22) 31.12.2024
(54) Cartridge, drum unit, and image forming apparatus

Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas, O.A., M.P. see Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus
(21) 2024287211

(71) Chant Heat Energy Science & Technology (Zhongshan) Co., Ltd.
(21) 2024287220 (22) 24.12.2024
(54) MULTI-POSITION CONTROLLED AIRWAY VALVE, REFILLING DEVICE AND REFILLING SYSTEM

(71) Checkmate Pharmaceuticals, Inc.
(21) 2024287196 (22) 23.12.2024
(54) SYNTHETIC RIG-I-LIKE RECEPTOR AGONISTS

(71) Checkpoint Systems, Inc.
(21) 2025200010 (22) 02.01.2025
(54) DUAL HARD TAG

(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY
(21) 2024287195 (22) 23.12.2024
(54) METHOD FOR CONTROLLING MINING PRESSURE ON ROADWAY FLOOR OF COAL MINE

(71) Chiu Ting Machinery Co., Ltd
(21) 2025200052 (22) 06.01.2025
(54) Belt Sander Capable of Automatically Adjusting Oscillating Position of Abrasive Belt

(71) Chr. Hansen HMO GmbH
(21) 2025200092 (22) 07.01.2025
(54) Use of glycosidases in the production of oligosaccharides

(71) Cixi Bosheng Plastic Co., Ltd.
(21) 2025200022 (22) 02.01.2025
(54) Mop bucket for cleaning and wringing flat mop

(71) COGNITIV CORP.
(21) 2025200058 (22) 06.01.2025

(54) EFFICIENT CROSS-PLATFORM SERVING OF DEEP NEURAL NETWORKS FOR LOW LATENCY APPLICATIONS

(71) ConnectWise, LLC
(21) 2024287241 (22) 27.12.2024
(54) SYSTEMS AND METHODS FOR UPDATING THE CONFIGURATION OF A CLOUD SERVICE

Consortio Centro de Investigacion Biomedica en Red, M.P see Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus
(21) 2024287211

(71) Crop Enhancement, Inc.
(21) 2025200017 (22) 02.01.2025
(54) NONTOXIC COATING CONCENTRATES FOR AGRICULTURAL USES

(71) Cypher Medical, LLC
(21) 2025200000 (22) 02.01.2025
(54) METHOD OF ESTIMATING BLOOD VOLUME

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(21) 2025200094

(71) Dana-Farber Cancer Institute, Inc.
(21) 2025200069 (22) 06.01.2025
(54) Compositions and methods for cancer treatment

(71) Dechra Limited
(21) 2024287186 (22) 23.12.2024
(54) Ultra-long acting insulin-Fc fusion proteins and methods of use

(71) Deere & Company
(21) 2024287203 (22) 24.12.2024
(54) Apparatus, method and system for evaluating a furrow

(71) Deere & Company
(21) 2025200053 (22) 06.01.2025
(54) Apparatus, method and system for evaluating a furrow

(71) Deere & Company
(21) 2025200062 (22) 06.01.2025
(54) Agricultural seed furrow

(71) Dexcom, Inc.
(21) 2025200039 (22) 03.01.2025
(54) Systems and methods for providing sensitive and specific alarms

(71) Dongying Zhengda Metal Products Co., Ltd.
(21) 2024287240 (22) 27.12.2024
(54) LED luminous grooved tube

(71) Earthgrid Pbc
(21) 2024287174 (22) 23.12.2024
(54) Tunnel boring system

(71) Edwards Lifesciences Corporation
(21) 2025200086 (22) 07.01.2025
(54) Heart valve sealing devices and delivery devices therefor

(71) Elanco Animal Health GmbH
(21) 2024287213 (22) 24.12.2024
(54) Formulation for use in the simultaneous treatment of coccidial infections and iron deficiencies

(71) Electrolux do Brasil S.A.
(21) 2024287206 (22) 24.12.2024
(54) STORAGE STRUCTURE FOR REFRIGERATOR APPLIANCE

(71) Fate Therapeutics, Inc.
(21) 2024287257 (22) 30.12.2024
(54) Methods and compositions for inducing hematopoietic cell differentiation

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2025200081 (22) 07.01.2025
(54) SEAL FOR A PATIENT INTERFACE, INTERFACE ASSEMBLIES AND ASPECTS THEREOF

(71) Flatow, W.
(21) 2024287250 (22) 30.12.2024
(54) Fractal Encryption Silos

(71) Freeport Minerals Corporation
(21) 2025200076 (22) 07.01.2025
(54) Systems, devices and methods for improved efficiency of ball mills

Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz see Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus
(21) 2024287211

(71) Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus; Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Consorcio Centro

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de Investigacion Biomedica en Red, M.P. (21) 2024287211 (22) 24.12.2024 (54) Gene therapy for patients with Fanconi anemia	(71) Guangdong Oppo Mobile Telecommu- nications Corp., Ltd. (21) 2025200055 (22) 06.01.2025 (54) Image decoding method, decoder, and computer storage medium	(71) IEAA PTY LTD (21) 2025200047 (22) 05.01.2025 (54) System and Method for Hybrid Care Delivery, Compliance Automation, and IoT-Enabled Health Monitoring
(71) Genics Holdings Pty Ltd (21) 2025200008 (22) 02.01.2025 (54) PHENOTYPE IDENTIFICATION DEVICE	(71) GUANGDONG OPPO MOBILE TELE- COMMUNICATIONS CORP., LTD. (21) 2024287236 (22) 27.12.2024 (54) Video image component prediction method and apparatus, and computer storage medium	(71) Immatics Biotechnologies GmbH (21) 2025200090 (22) 07.01.2025 (54) NOVEL ENGINEERED T CELL RE- CEPTORS AND IMMUNE THERAPY USING THE SAME
(71) Google LLC (21) 2024287215 (22) 24.12.2024 (54) TRAINING QUANTUM EVOLUTIONS USING SUBLOGICAL CONTROLS	(71) GUANGDONG OPPO MOBILE TELE- COMMUNICATIONS CORP., LTD. (21) 2024287237 (22) 27.12.2024 (54) Video image component prediction method and apparatus, and computer storage medium	(71) ImmunityBio, Inc. (21) 2024287134 (22) 21.12.2024 (54) Multi-chain chimeric polypeptides and uses there
(71) Google LLC (21) 2025200012 (22) 02.01.2025 (54) MAGIC STATE FACTORY CON- STRUCTIONS FOR PRODUCING CCZ AND T STATES	(71) GUANGDONG OPPO MOBILE TELE- COMMUNICATIONS CORP., LTD. (21) 2024287238 (22) 27.12.2024 (54) Video image component prediction method and apparatus, and computer storage medium	(71) Inari Medical, Inc. (21) 2024287201 (22) 24.12.2024 (54) HEMOSTASIS VALVES AND METH- ODS OF USE
(71) Google LLC (21) 2025200024 (22) 03.01.2025 (54) INCREASING REPRESENTATION ACCURACY OF QUANTUM SIMU- LATIONS WITHOUT ADDITIONAL QUANTUM RESOURCES	(71) GUANGDONG OPPO MOBILE TELE- COMMUNICATIONS CORP., LTD. (21) 2024287239 (22) 27.12.2024 (54) Video image component prediction method and apparatus, and computer storage medium	(71) Incyte Corporation (21) 2024287178 (22) 23.12.2024 (54) Combination of anti CD19 antibody with a BCL-2 inhibitor and uses thereof
(71) Guangdong Bucalu Curtain Wall Win- dow & Door System Co., Ltd.; Guang- dong Haomei New Materials Co., Ltd. (21) 2025200034 (22) 03.01.2025 (54) COMPONENTIZED CURTAIN WALL WINDOW	(71) Hexagon Geosystems Services AG (21) 2025200021 (22) 02.01.2025 (54) Off-road ramp travelling vehicle assist- ance system and method	(71) Incyte Corporation (21) 2024287193 (22) 23.12.2024 (54) CONDENSED IMIDAZOLE DERIVAT- IVES SUBSTITUTED BY TERTIARY HYDROXY GROUPS AS PI3K-GAMMA INHIBITORS
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(71) Guangdong Hongbang Metal Manufac- turing Co., Ltd. (21) 2024287224 (22) 24.12.2024 (54) Fresh Air Purification Window	(71) Huawei Technologies Co., Ltd. (21) 2025200066 (22) 06.01.2025 (54) METHOD AND APPARATUS FOR IN- TRA PREDICTION USING AN INTER- POLATION FILTER	(71) Invuity, Inc. (21) 2024287266 (22) 31.12.2024 (54) Illuminated electrosurgical system and method of use
(71) Guangdong Oppo Mobile Telecommu- nications Corp., Ltd. (21) 2025200054 (22) 06.01.2025 (54) Image decoding method, decoder, and computer storage medium	(71) Hyundai Motor Company; Kia Corpora- tion; Daewon Precision Industrial Co., Ltd (21) 2025200094 (22) 07.01.2025 (54) Vehicle seatback locking device	(71) Itron, Inc. (21) 2024287272 (22) 31.12.2024 (54) Battery life extension via changes in transmission rates

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pany**
(21) 2025200094

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(71) KoamTac, Inc.
(21) 2025200020 (22) 02.01.2025
(54) UNIVERSAL CHARGING/DOCKING STATION AND CRADLE WITH INTELLIGENT UPDATING AND POWER CONFIGURATION AND MODULAR PHYSICAL STRUCTURE

(71) Koninklijke Nederlandse Akademie van Wetenschappen
(21) 2025200057 (22) 06.01.2025
(54) Culture medium

(71) Lai, M.H.
(21) 2024287244 (22) 28.12.2024
(54) A device for relieving constipation and its preparation method

(71) Legrand AV Inc.
(21) 2025200065 (22) 06.01.2025
(54) Television mount with handle operable height adjustment

(71) Leidos Security Detection & Automation, Inc.
(21) 2025200070 (22) 06.01.2025
(54) SYSTEMS AND METHODS FOR IMAGE PROCESSING

(71) Lentigen Technology, Inc.; The U.S.A., as represented by the Secretary, Department of Health and Human Services
(21) 2025200028 (22) 03.01.2025
(54) Compositions and methods for treating cancer with anti-CD19 immunotherapy

(71) LG ELECTRONICS INC.
(21) 2024287262 (22) 31.12.2024
(54) LAUNDRY TREATMENT APPARATUS

(71) LiDARist Company Limited
(21) 2024287235 (22) 27.12.2024
(54) LABELLING METHODS AND SYSTEMS FOR 3D POINT CLOUD SEGMENTATION

(71) Lieber Institute, Inc.
(21) 2024287166 (22) 23.12.2024
(54) Pyridazine compounds for inhibiting Nav1.8

(71) Lockbox Technologies Pty Ltd
(21) 2024287260 (22) 30.12.2024
(54) Authentication System

(71) Lourica Limited
(21) 2025200061 (22) 06.01.2025

(54) IMPROVEMENTS IN AND RELATING TO ORTHOPAEDIC SURGICAL PLATE IMPLANTS

(71) Lumenis Ltd
(21) 2024287204 (22) 24.12.2024
(54) Laser apparatus and method of operation therefor

(71) Lung Biotechnology PBC
(21) 2024287223 (22) 24.12.2024
(54) Material and method for producing cell receiving scaffold

(71) MAHINDRA AND MAHINDRA LIMITED
(21) 2025200026 (22) 03.01.2025
(54) A multi-faceted shift finger and a gear shift assembly for a vehicle

(71) MAKO Surgical Corp.
(21) 2025200083 (22) 07.01.2025
(54) Robotic surgical system and methods utilizing a cutting bur for bone penetration and cannulation

(71) MAKO Surgical Corp.
(21) 2025200087 (22) 07.01.2025
(54) End effectors, systems, and methods for impacting prosthetics guided by surgical robots

(71) Manufacturing Resources International, Inc.
(21) 2024287207 (22) 24.12.2024
(54) Display assembly using structural adhesive

(71) Maytronics Ltd.
(21) 2024287210 (22) 24.12.2024
(54) Detachable Fluid Distributer

(71) Medherant Ltd
(21) 2025200019 (22) 02.01.2025
(54) Patch

(71) MedImmune, LLC
(21) 2025200063 (22) 06.01.2025
(54) ANTI-CD73, ANTI-PD-L1 ANTIBODIES AND CHEMOTHERAPY FOR TREATING TUMORS

(71) Memorial Sloan-Kettering Cancer Center
(21) 2024287177 (22) 23.12.2024
(54) Compositions and methods for immunotherapy

(71) Memorial Sloan-Kettering Cancer Center
(21) 2024287267 (22) 31.12.2024

(54) Treating metastatic cancer and model systems for metastatic disease

(71) MFTB Holdco, Inc.
(21) 2025200084 (22) 07.01.2025
(54) Automated tool for determining and providing information about dwellings using heterogenous search strategies

(71) Mincle co
(21) 2025200064 (22) 06.01.2025
(54) High-Efficiency Elastomer Diaphragm Fluid Delivery System for Accurate Medication Administration

(71) Mitsubishi Chemical Corporation
(21) 2024287270 (22) 31.12.2024
(54) Oil-in-water Pickering emulsion

(71) Moebius Medical Ltd.
(21) 2025200077 (22) 07.01.2025
(54) LIPOSOMAL FORMULATION FOR JOINT LUBRICATION

(71) Nacuity Pharmaceuticals, Inc.
(21) 2025200018 (22) 02.01.2025
(54) METHODS OF MAKING DEUTERIUM-ENRICHED N-ACETYLCYSTEINE AMIDE (D-NACA) AND (2R,2R')-3,3'-DISULFANEDIYL BIS(2-ACETAMIDOPROPANAMIDE) (DINACA) AND USING D-NACA AND DINACA TO TREAT DISEASES INVOLVING OXIDATIVE STRESS

Nanpuh Hospital see Hirotsu Bio Science Inc.
(21) 2024287253

(71) Nantong Shenhu New Materials Technology Co., Ltd.
(21) 2025200042 (22) 03.01.2025
(54) Glass Fiber Friction Anchor Bolt

(71) Neutron Holdings, Inc., DBA Lime
(21) 2024287246 (22) 30.12.2024
(54) Electric assist bicycle

(71) Next Space Inc.
(21) 2024287251 (22) 30.12.2024
(54) MINIATURIZED COUPLINGS FOR JEWELRY COMPONENTS

(71) Next Space Inc.
(21) 2024287259 (22) 30.12.2024
(54) Miniaturized Couplings for Jewelry Components

(71) NHNKCP Corp.
(21) 2025200014 (22) 02.01.2025

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(54) PAYMENT SYSTEM FOR DISPLAYING
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(71) Ningbo Jinlu Home Furnishings Co., Ltd
(21) 2025200088 (22) 07.01.2025
(54) Flat mop

(71) Ningbo Poolstar Pool Products Co., Ltd.
(21) 2025200046 (22) 04.01.2025
(54) Multi battery equipped robot

(71) Novartis AG
(21) 2024287181 (22) 23.12.2024
(54) Methods of treatment with anti-Factor
XI/XIa antibodies

(71) nthalmic holding Pty Ltd; Zhong Jing
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(21) 2024287202 (22) 24.12.2024
(54) Apparatus and methods of spectacle
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(71) Nunhems B.V.
(21) 2024287165 (22) 23.12.2024
(54) Lettuce variety NUN 11025 LTL

(71) Nunhems B.V.
(21) 2024287168 (22) 23.12.2024
(54) Lettuce variety NUN 11027 LTL

(71) Nunhems B.V.
(21) 2024287170 (22) 23.12.2024
(54) Lettuce variety NUN 11005 LTL

(71) Nunhems B.V.
(21) 2024287172 (22) 23.12.2024
(54) Lettuce variety NUN 10008 LTL

(71) Nunhems B.V.
(21) 2024287173 (22) 23.12.2024
(54) Lettuce variety NUN 13005 LTL

(71) Nunhems B.V.
(21) 2024287175 (22) 23.12.2024
(54) Lettuce variety NUN 11023 LTL

(71) Nunhems B.V.
(21) 2024287180 (22) 23.12.2024
(54) Watermelon variety NUN 31706 WMW

(71) Nunhems B.V.
(21) 2024287182 (22) 23.12.2024
(54) Lettuce variety NUN 11028 LTL

(71) Nunhems B.V.
(21) 2024287185 (22) 23.12.2024
(54) Watermelon variety NUN 32206 WMW

(71) Nunhems B.V.
(21) 2024287191 (22) 23.12.2024
(54) Watermelon variety NUN 32203 WMW

(71) Nunhems Netherlands B.V.
(21) 2024287190 (22) 23.12.2024
(54) Watermelon variety NUN 32316 WMW

(71) Nunhems Netherlands B.V.
(21) 2024287212 (22) 24.12.2024
(54) Lettuce variety NUN 06626 LTL

(71) Nunhems Netherlands B.V.
(21) 2024287216 (22) 24.12.2024
(54) Lettuce variety NUN 06364 LTL

(71) OroraTech GmbH
(21) 2024287199 (22) 24.12.2024
(54) Burnt area detection based on infrared
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(71) OTONEXUS MEDICAL TECHNOLO-
GIES, INC.
(21) 2025200037 (22) 03.01.2025
(54) APPARATUS AND METHOD FOR
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(71) Pentair, Inc.
(21) 2024287232 (22) 27.12.2024
(54) A turbidity meter and a method for
cleaning the same

(71) PIONEER HI-BRED INTERNATIONAL,
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(21) 2025200029 (22) 03.01.2025
(54) Compositions and methods comprising
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(71) Polaris Industries Inc.
(21) 2024287226 (22) 25.12.2024
(54) DRIVEN CLUTCH FOR CONTINU-
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POSCO CO., Ltd see Research Institute of
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(21) 2025200002

(71) President and Fellows of Harvard Col-
lege
(21) 2024287261 (22) 30.12.2024
(54) Deterministic stepping of polymers
through a nanopore

(71) PROGRESS RAIL LOCOMOTIVE INC.
(21) 2024287209 (22) 24.12.2024

(54) FUEL CONSUMPTION SYSTEM FOR
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(71) Provincial Health Services Authority
(21) 2024287205 (22) 24.12.2024
(54) Radiolabeled melanocortin 1 recept-
or-specific alpha-melanocyte-stimulat-
ing hormone analogues for imaging or
therapy

(71) Reflection Biotechnologies Limited
(21) 2025200031 (22) 03.01.2025
(54) Cellular models of and therapies for
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(71) Regeneron Pharmaceuticals, Inc.
(21) 2025200075 (22) 07.01.2025
(54) NON-HUMAN ANIMALS CAPABLE OF
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(71) Regeneron Pharmaceuticals, Inc.
(21) 2025200089 (22) 07.01.2025
(54) METHODS FOR QUANTITATING IN-
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TURE

(71) Research Institute at Nationwide
Children's Hospital
(21) 2025200059 (22) 06.01.2025
(54) DNABII VACCINES AND ANTIBODIES
WITH ENHANCED ACTIVITY

(71) Research Institute of Industrial Science
& Technology; POSCO CO., Ltd
(21) 2025200002 (22) 02.01.2025
(54) A method for producing lithium hydrox-
ide from lithium-containing raw material

(71) Robotic Automation Pty Limited
(21) 2024287219 (22) 24.12.2024
(54) Retractor Gripper

(71) Rollease Acmeda, Inc.
(21) 2025200060 (22) 06.01.2025
(54) Vertical Blind System

(71) Rovi Guides, Inc.
(21) 2025200085 (22) 07.01.2025
(54) Systems and methods for managing
user subscriptions to content sources

(71) RZ Industries LLC
(21) 2025200068 (22) 06.01.2025
(54) Mask apparatuses and approach

(71) Samsung Bioepis Co., Ltd
(21) 2025200013 (22) 02.01.2025

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(54) Stable aqueous anti-C5 antibody composition

(71) Seminis Vegetable Seeds, Inc.
(21) 2024287252 (22) 30.12.2024
(54) Lettuce Variety SVLD0093

(71) SENSE2 PTY LTD
(21) 2024287245 (22) 29.12.2024
(54) Photonic-Neuromorphic Computing System With Neuromorphic Memory, Binarized Logic, Silicon Photonics, PQC Readiness, Intrusion-Based Resource Allocation, Adaptive Cooling, and Quantum Interface Option

(71) SENSE2 PTY LTD
(21) 2025200048 (22) 05.01.2025
(54) 3D-Stacked Photonic-Neuromorphic AI Accelerator With ReRAM, Binarized Logic, PQC Security, Self-Proofreading, and Extended Quantum Interface

(71) SHANDONG UNIVERSITY
(21) 2024287197 (22) 24.12.2024
(54) METHOD AND SYSTEM FOR OPTIMIZING AND CONTROLLING COLLABORATIVE OPERATION OF INTEGRATED ENERGY SYSTEM CONTAINING COMPLETE HYDROGEN ENERGY CHAIN

(71) Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co., Ltd.
(21) 2024287247 (22) 30.12.2024
(54) SOLAR CELL, MANUFACTURING METHOD THEREOF, AND PHOTOVOLTAIC MODULE

(71) SharkNinja Operating LLC
(21) 2024287217 (22) 24.12.2024
(54) COOKING SYSTEM

(71) Shenzhen Porshealth Bioengineering Co., Ltd.
(21) 2025200004 (22) 02.01.2025
(54) LIMOSILACTOBACILLUS REUTERI GOLDGUT-LR99 AND APPLICATION THEREOF

(71) Shenzhen Porshealth Bioengineering Co., Ltd.
(21) 2025200005 (22) 02.01.2025
(54) LACTICASEIBACILLUS RHAMNOSUS GOLDGUT-L818 AND APPLICATION THEREOF

(71) Shenzhen Porshealth Bioengineering Co., Ltd.
(21) 2025200007 (22) 02.01.2025

(54) BIFIDOBACTERIUM ANIMALIS SUB-SP. LACTIS GOLDGUT-BB21 AND APPLICATION THEREOF

(71) Shuan Yew Enterprise Co., Ltd.
(21) 2024287228 (22) 25.12.2024
(54) Bionic fishing lure

(71) Su, H.
(21) 2025200035 (22) 03.01.2025
(54) A Manufacturing Method for Dentures with an Internal Fibre Bridge

(71) Tav Holdings, Inc.
(21) 2025200050 (22) 06.01.2025
(54) System and Method for Recovering Desired Materials from Fines in Incinerator Ash

(71) Techtronic Cordless GP
(21) 2025200023 (22) 02.01.2025
(54) Assisted Steering System For Lawn Maintenance Vehicle

(71) Techtronic Cordless GP
(21) 2025200030 (22) 03.01.2025
(54) Hazard light

(71) Tencent America LLC
(21) 2024287218 (22) 24.12.2024
(54) METHOD FOR PICTURE OUTPUT WITH OUTPUT LAYER SET

(71) Tencent America LLC
(21) 2025200006 (22) 02.01.2025
(54) METHOD FOR SIGNALING MIXED NATURAL UNIT TYPE AND SUBPICTURE PARTITIONING IN CODED VIDEO STREAM

(71) Tencent America LLC
(21) 2025200032 (22) 03.01.2025
(54) TECHNIQUES FOR RANDOM ACCESS POINT INDICATION AND PICTURE OUTPUT IN CODED VIDEO STREAM

(71) TeneoBio, Inc.
(21) 2025200079 (22) 07.01.2025
(54) Transgenic non-human animals producing modified heavy chain-only antibodies

(71) Tensar International Corporation
(21) 2024287200 (22) 24.12.2024
(54) Sensor-enabled system and method for monitoring the health, condition, and/or status of rail track infrastructure

(71) Thales DIS France SAS
(21) 2024287183 (22) 23.12.2024
(54) SECURE ONLINE AUTHENTICATION METHOD USING MOBILE ID DOCUMENT

(71) THD S.P.A.
(21) 2025200016 (22) 02.01.2025
(54) DEVICE AND KIT FOR INSPECTING A CAVITY

(71) The Eye Hospital of Wenzhou Medical University
(21) 2024287214 (22) 24.12.2024
(54) CIRCULAR RNA-circCAMSAP1 AS A THERAPEUTIC TARGET IN CHOROIDAL MELANOMA

(71) The General Hospital Corporation
(21) 2025200098 (22) 07.01.2025
(54) MEDICAL ICE SLURRY PRODUCTION AND DELIVERY SYSTEMS AND METHODS

(71) The Raymond Corporation
(21) 2025200095 (22) 07.01.2025
(54) Motion control systems and methods for a material handling vehicle

(71) The Regents of The University of California
(21) 2025200078 (22) 07.01.2025
(54) GENE THERAPY FOR HAPLOINSUFFICIENCY

The U.S.A., as represented by the Secretary, Department of Health and Human Services see Lentigen Technology, Inc.
(21) 2025200028

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services
(21) 2024287198 (22) 24.12.2024
(54) Tethered interleukin-15 and interleukin-21

The University of British Columbia see TRIUMF Inc.
(21) 2025200073

(71) Tillotts Pharma AG
(21) 2024287208 (22) 24.12.2024
(54) ANTIBODY VARIANTS

(71) TLT Automation
(21) 2025200071 (22) 06.01.2025
(54) Mushroom Picking System, Use Thereof And Method Of Picking Mushrooms

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(71) Trina Solar Co., Ltd.
(21) 2025200011 (22) 02.01.2025
(54) Heterojunction cell and manufacturing method thereof, photovoltaic module, and photovoltaic system

(71) TRINA SOLAR CO., LTD.
(21) 2025200051 (22) 06.01.2025
(54) Solar cell, method for preparing the same, photovoltaic module, and photovoltaic system

(71) TRIUMF Inc.; The University of British Columbia
(21) 2025200073 (22) 07.01.2025
(54) SYSTEMS, APPARATUS AND METHODS FOR SEPARATING ACTINIUM, RADIUM, AND THORIUM

(71) TScan Therapeutics, Inc.
(21) 2025200025 (22) 03.01.2025
(54) MAGEA1 IMMUNOGENIC PEPTIDES, BINDING PROTEINS RECOGNIZING MAGEA1 IMMUNOGENIC PEPTIDES, AND USES THEREOF

(71) UlcerEze Pty Ltd
(21) 2024287187 (22) 23.12.2024
(54) A system and method for alleviating pain and accelerating healing associated with mouth ulcers

(71) University Of Massachusetts
(21) 2025200036 (22) 03.01.2025
(54) AAV TREATMENT OF HUNTINGTON'S DISEASE

(71) Vence, Corp.
(21) 2025200027 (22) 03.01.2025
(54) Livestock management system and method

(71) Wah Chin Boon
(21) 2025200041 (22) 03.01.2025
(54) METHODS OF TREATING NEURODEVELOPMENTAL DISEASES AND DISORDERS

(71) Waikato Milking LP
(21) 2024287225 (22) 24.12.2024
(54) Milking Apparatus

(71) wardle, j.
(21) 2025200009 (22) 02.01.2025
(54) Surturite: A Proprietary Composite Heat Transfer Material

(71) WestRock Packaging Systems, LLC
(21) 2025200033 (22) 03.01.2025
(54) Carton and blank therefor

(71) Wistron Corporation
(21) 2024287248 (22) 30.12.2024
(54) OMNI WHEEL AND VEHICLE

(71) WONDERLAND SWITZERLAND AG
(21) 2025200015 (22) 02.01.2025
(54) BED FRAME STRUCTURE

(71) Wuhan University of Technology
(21) 2024287221 (22) 24.12.2024
(54) METHOD FOR MANUFACTURING LEADING EDGE OF THERMOSETTING FIBER METAL LAMINATED SPOILER

(71) Yong Da Li Technology, Ltd.
(21) 2025200045 (22) 04.01.2025
(54) Oxygen permeable contact lens

Zhejiang Jinko Solar Co., Ltd. see Shanghai Jinko Green Energy Enterprise Management Co. Ltd.
(21) 2024287247

(71) Zhejiang LeapEnergy Technology Co., Ltd.; Zhejiang Leapmotor Technology Co., Ltd.
(21) 2024287229 (22) 26.12.2024
(54) Power distribution management integrated assembly of battery system, battery pack, and automobile

Zhejiang Leapmotor Technology Co., Ltd see Zhejiang LeapEnergy Technology Co., Ltd.
(21) 2024287229

(71) Zhejiang Leapmotor Technology Co., Ltd
(21) 2024287230 (22) 26.12.2024
(54) Thermal management integrated module and new energy vehicle

Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd see nthalmic holding Pty Ltd
(21) 2024287202

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2024287166	Lieber Institute, Inc.	2024287232	Pentair, Inc.
2024287168	Nunhems B.V.	2024287233	AYPM PTY LTD
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2024287182	Nunhems B.V.	2024287244	Lai, M.H.
2024287183	Thales DIS France SAS	2024287245	SENSE2 PTY LTD
2024287185	Nunhems B.V.	2024287246	Neutron Holdings, Inc., DBA Lime
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2024287187	UlcerEze Pty Ltd		Wistron Corporation
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2024287191	Nunhems B.V.	2024287249	Flatow, W.
2024287192	Block, Inc.	2024287250	Next Space Inc.
2024287193	Incyte Corporation	2024287251	Seminis Vegetable Seeds, Inc.
2024287194	INCYTE HOLDINGS CORPORATION	2024287252	Hirotsu Bio Science Inc.; Nanpuh Hospital
2024287195	CHINA UNIVERSITY OF MINING AND TECHNOLOGY	2024287253	Canon Kabushiki Kaisha
2024287196	Checkmate Pharmaceuticals, Inc.	2024287254	Canon Kabushiki Kaisha
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2024287198	The United States of America, as represented by The Secretary, Department of Health and Human Services	2024287257	Boston Scientific Scimed, Inc.
2024287199	OroraTech GmbH	2024287258	Next Space Inc.
2024287200	Tensor International Corporation	2024287259	Lockbox Technologies Pty Ltd
2024287201	Inari Medical, Inc.	2024287260	President and Fellows of Harvard College
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2024287203	Deere & Company	2024287262	Canon Kabushiki Kaisha
2024287204	Lumenis Ltd	2024287264	Invuity, Inc.
2024287205	Provincial Health Services Authority	2024287266	Memorial Sloan-Kettering Cancer Center
2024287206	Electrolux do Brasil S.A.	2024287267	Howmedica Osteonics Corp.
2024287207	Manufacturing Resources International, Inc.	2024287268	Mitsubishi Chemical Corporation
2024287208	Tillotts Pharma AG	2024287270	Boston Scientific Scimed, Inc.
2024287209	PROGRESS RAIL LOCOMOTIVE INC.	2024287271	Itron, Inc.
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2024287211	Fundacion para la Investigacion Biomedica del Hospital Infantil Universitario Nino Jesus; Centro de Investigaciones Energeticas, Medioambientales y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Consorcio Centro de Investigacion Biomedica en Red, M.P	2025200001	Allorion Therapeutics Inc
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2024287214	The Eye Hospital of Wenzhou Medical University	2025200004	Shenzhen Porshealth Bioengineering Co., Ltd.
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2024287220	Chant Heat Energy Science & Technology (Zhongshan) Co., Ltd.	2025200010	Checkpoint Systems, Inc.
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2024287223	Lung Biotechnology PBC	2025200013	Samsung Bioepis Co., Ltd
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2024287228	Shuan Yew Enterprise Co., Ltd.	2025200017	Crop Enhancement, Inc.
2024287229	Zhejiang LeapEnergy Technology Co., Ltd.; Zhejiang Leapmotor Technology Co., Ltd	2025200018	Nacuity Pharmaceuticals, Inc.
		2025200019	Medherant Ltd
		2025200020	KoamTac, Inc.
		2025200021	Hexagon Geosystems Services AG
		2025200022	Cixi Bosheng Plastic Co., Ltd.

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2025200024	Google LLC	2025200088	Ningbo Jinlu Home Furnishings Co., Ltd
2025200025	TScan Therapeutics, Inc.	2025200089	Regeneron Pharmaceuticals, Inc.
2025200026	MAHINDRA AND MAHINDRA LIMITED	2025200090	Immatics Biotechnologies GmbH
2025200027	Vence, Corp.	2025200092	Chr. Hansen HMO GmbH
2025200028	Lentigen Technology, Inc.; The U.S.A., as represented by the Secretary, Department of Health and Human Services	2025200094	Hyundai Motor Company; Kia Corporation; Daewon Precision Industrial Co., Ltd
2025200029	PIONEER HI-BRED INTERNATIONAL, INC.	2025200095	The Raymond Corporation
2025200030	Techtronic Cordless GP	2025200098	The General Hospital Corporation
2025200031	Reflection Biotechnologies Limited	2025200099	Barbulescu, D.; Barbulescu, T.; Barbulescu, V.; Barbulescu, D.; Barbulescu, N.; Barbulescu, C.
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2025200033	WestRock Packaging Systems, LLC		
2025200034	Guangdong Bucalu Curtain Wall Window & Door System Co., Ltd.; Guangdong Haomei New Materials Co., Ltd.		
2025200035	Su, H.		
2025200036	University Of Massachusetts		
2025200037	OTONEXUS MEDICAL TECHNOLOGIES, INC.		
2025200038	CAAMTECH, INC.		
2025200039	Dexcom, Inc.		
2025200040	Guangdong Bucalu Curtain Wall Window & Door System Co., Ltd.		
2025200041	Wah Chin Boon		
2025200042	Nantong Shenhu New Materials Technology Co., Ltd.		
2025200043	Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd.		
2025200044	Adobe Inc.		
2025200045	Yong Da Li Technology., Ltd.		
2025200046	Ningbo Poolstar Pool Products Co., Ltd.		
2025200047	IEAA PTY LTD		
2025200048	SENSE2 PTY LTD		
2025200049	BGC Partners, Inc.		
2025200050	Tav Holdings, Inc.		
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2025200052	Chiu Ting Machinery Co., Ltd		
2025200053	Deere & Company		
2025200054	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
2025200055	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
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2025200057	Koninklijke Nederlandse Akademie van Wetenschappen		
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2025200059	Research Institute at Nationwide Children's Hospital		
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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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2005202564 (14)	2005202716 (14)	2005202719 (14)
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 2024227566 (7BN) 2024264699 (12A) 2024900021 (12AN)

Assignments before Grant, Section 113

2020

2020216361 Takeda Pharmaceutical Company Limited; Shi, Rongxin; Jain, Sujit The application has been assigned to **Takeda Pharmaceutical Company Limited**

2020291109 Alkermes Pharma Ireland Limited The application has been assigned to **Mural Oncology, Inc.**

2020292590 Alkermes Pharma Ireland Limited The application has been assigned to **Mural Oncology, Inc.**

2020367403 Alkermes Pharma Ireland Limited The application has been assigned to **Mural Oncology, Inc.**

2020431045 Hoya Corporation The application has been assigned to **HOYA Medical Singapore Pte. Ltd.**

2021

2021210905 Alkermes Pharma Ireland Limited The application has been assigned to **Mural Oncology, Inc.**

2021254793 Alkermes Pharma Ireland Limited; Clovis Oncology, Inc. The application has been assigned to **Mural Oncology, Inc.; Clovis Oncology, Inc.**

2021257874 Alkermes Pharma Ireland Limited The application has been assigned to **Mural Oncology, Inc.**

2021269585 Alkermes Pharma Ireland Limited The application has been assigned to **Mural Oncology, Inc.**

2021270745 Alkermes Pharma Ireland Limited The application has been assigned to **Mural Oncology, Inc.**

2022

2022228143 Eddy Current Limited Partnership The application has been assigned to **Surewerx USA, Inc.**

2022241762 ALKERMES, INC. The application has been assigned to **Mural Oncology, Inc.**

Assignments before Grant, Section 113

2022247854 **TONGWEI SOLAR (ANHUI) CO., LTD.; TONGWEI SOLAR (JINTANG) CO., LTD.** The application has been assigned to **TONGWEI SOLAR (CHENGDU) CO., LTD.; TONGWEI SOLAR (JINTANG) CO., LTD.**

2022379952 **AMERICAN DIAGNOSTICS & THERAPY, LLC (ADXR)** The application has been assigned to **Mab Biotech, Inc.**

2022453941 **TONGWEI SOLAR (ANHUI) CO., LTD.** The application has been assigned to **TONGWEI SOLAR (CHENGDU) CO., LTD.**

2023

2023270179 **LINOVA ENERGY LP** The application has been assigned to **Linova Energy Inc.**

2024

2024204245 **Eddy Current Limited Partnership** The application has been assigned to **Surewerx USA, Inc.**

2024204359 **Eddy Current Limited Partnership** The application has been assigned to **Surewerx USA, Inc.**

2024900058 **SL7 IP Limited** The application has been assigned to **Arkulus Holdings 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

2008304105 **Hilton, R.** An application to extend the time from 29 Sep 2023 to 29 Sep 2024 in which to pay a renewal fee has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2013

2013239681 **Oomph Innovations, LLC.; Lund, P.; Schwartz, W.** An application to extend the time from 27 Mar 2022 to 27 Mar 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018203239 **L.A.Nova Lighting & Electrical Appliance Co., Limited** An application to extend the time from 09 May 2024 to 09 Dec 2024 in which to pay a renewal fee has been filed . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

2020

2020432665 **Jinan Meide Casting Co., Ltd.** An application to extend the time from 25 Mar 2024 to 25 Oct 2024 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

Extensions of Time, Section 223

2021

2021107412 **SEATA Holdings Pty Ltd** An application to extend the time from 25 Aug 2023 to 25 Aug 2024 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)

2006

2006200046 **Sheedy, G.; Doran, L.** The time in which to pay a renewal fee has been extended to 06 Aug 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2011

2011201104 **Soury, S.; Mitkovic, B.** The time in which to pay a renewal fee has been extended to 11 Oct 2024 . Address for service - Wallington-Dummer Suite 1005 Level 10 66 Hunter Street Sydney NSW 2000 AU

2011265354 **Kolex Pty Ltd** The time in which to pay a renewal fee has been extended to 21 Oct 2024 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd Level 6 60 Pitt Street Sydney NSW 2000 AU

2012

2012261505 **Punthakey, J.F.** The time in which to pay a renewal fee has been extended to 05 Jul 2024 . Address for service - Jehangir Framroze Punthakey PO BOX 496 Roseville NSW 2069 AU

2015

2015231438 **Meggitt Training Systems Inc.** The time in which to pay a renewal fee has been extended to 17 Aug 2024 . Address for service - S&A Law Gateway Tower, L 36 1 Macquarie PI Circular Quay Sydney NSW 2000 AU

2018

2018345747 **The Procter & Gamble Company; The Cleveland Clinic Foundation** The time in which to pay a renewal fee has been extended to 02 Aug 2024 . Address for service - Davies Collison Cave Pty Ltd Level 10, 301 Coronation Drive MILTON QLD 4064 AU

2019

2019218647 **Welldata (Subsurface Surveillance Systems) Limited** The time in which to pay a continuation fee has been extended to 07 Oct 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

Section 223(1) Allowances

2024

2024205536 **Walker Digital Table Systems, LLC** The time in which to make a further application for a divisional patent has been extended to 02 Sep 2024

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

Amendments

journal give notice at the Patent Office using the approved form accompanied by the prescribed fee.

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

2018

2018206552 DNABII vaccines and antibodies with enhanced activity **Research Institute at Nationwide Children's Hospital** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2024 . Address for service - HENRY HUGHES IP LTD PO Box 356 Wellington 6140 NZ

2018265333 Peptidic linkers and cryptophycin conjugates, useful in therapy, and their preparation **Sanofi** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2018311346 Detection of creatine levels using enzyme compositions **IP2IPO Innovations Limited** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2018368709 Providing a continuity of care across multiple care settings **Bruin Biometrics, LLC** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018397349 Method for effectively controlling coccid insect pests **Ecologia Y Proteccion Agricola, S.L.** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019

2019262195 Solid forms of an FGFR inhibitor and processes for preparing the same **Incyte Corporation** The nature of the amendment is: DELETE: FRIETZE, William; JIA, Zhongjiang; TAO, Ming; WANG, Dengjin; . Address for service - Houlihan Intellectual Property Pty Ltd 832 High St Kew East VIC 3102 AU

2019274772 Pharmaceutical formulation **Klaria Pharma Holding AB** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019364274 Novel uses **Intra-Cellular Therapies, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020204779 Vaccines targeting neopeptides **Statens Serum Institut ; Evaxion Biotech A/S** The nature of the amendment is: ADD: SCHMIDT, Signe Tandrup; ANDREASEN, Lars Vibe AND CHRISTENSEN, Dennis . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2020279974 CD19 binding molecules and uses thereof **Novartis AG** The nature of the amendment is as shown in the statement(s)

Amendments

filed 20 Dec 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021

2021380724 PET FOOD COMPOSITIONS **HILL'S PET NUTRITION, INC.** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2024 . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2022

2022202580 Genetically modified pigs for xenotransplantation of vascularized xenografts and derivatives thereof **Revivacor Inc** The nature of the amendment is as shown in the statement(s) filed 19 Dec 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2022203098 Surgical tool and method for ocular tissue transplantation **The United States of America, as Represented by the Secretary, Department of Health & Human Services** The nature of the amendment is as shown in the statement(s) filed 27 Nov 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022211381 ROTARY UNION WITH ENERGY HARVESTING STRUCTURE **HENDRICKSON USA, L.L.C.** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022283784 SOLAR CELL, MANUFACTURING METHOD THERE-OF, AND PHOTOVOLTAIC MODULE **Zhejiang Jinko Solar Co., Ltd. ; Shanghai Jinko Green Energy Enterprise Management Co. Ltd.** The nature of the amendment is as shown in the statement(s) filed 17 Dec 2024 . Address for service - Franke Hyland Pty Ltd PO Box 356 NORTH RYDE BC NSW 1670 AU

2022406621 ACTIVE THERMAL CONTROL OF UAV ENERGY STORAGE UNITS **WING AVIATION LLC** The nature of the amendment is as shown in the statement(s) filed 18 Dec 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made

2016

2016270887 **Illumina, Inc.** The nature of the amendment is as shown in the statement filed 18 Sep 2024

2022

2022392458 **IPSEN BIOPHARM LIMITED** The nature of the amendment is as shown in the statement filed 29 Nov 2024

2022470254 **ZHEJIANG LEAPPOWER TECHNOLOGY CO., LTD; ZHEJIANG LEAPMOTOR TECHNOLOGY CO., LTD** The nature of the amendment is: Amend the invention title to read Apparatus for equivalent implementation of charging by vehicle-mounted charger based on dual-winding motor control topology and mode switching method for controlling dual-winding motor control mod and charging mode of vehicle-mounted charger

Amendments

2023

2023202029 **Schneider Electric Industries SAS** The nature of the amendment is: Amend the name of a co-inventor to read Zeng, Xiaojing

2023217269 **F. HOFFMANN-LA ROCHE AG** The nature of the amendment is: Amend the name of the inventor to read ADAM, Jean-Michel; BLISS, Fritz; DOTT, Pascal Jean Claude; HOFFMANN-EMERY, Fabienne Roxane; LARSSON, Ulf Goeran; PUENTENER, Kurt; WUITSCHIK, Georg and JOST, Vera

2023250653 **SANOFI BIOTECHNOLOGY; REGENERON PHARMACEUTICALS, INC.** The nature of the amendment is: Amend the name of a co-inventor to read AKINLADE, Bolanle

2023267447 **TOOLGEN INCORPORATED** The nature of the amendment is: Amend the invention title to read Cells for intravascular transplantation having hemocompatibility, method of producing same, and use thereof

2023270783 **GF MILLE CO. LTD.; SHINSHU UNIVERSITY; NATIONAL UNIVERSITY CORPORATION TOKAI NATIONAL HIGHER EDUCATION AND RESEARCH SYSTEM** The nature of the amendment is: Amend the invention title to read Antitumor agent containing RNA and use thereof

2023274015 **CEFALY TECHNOLOGY SPRL** The nature of the amendment is: Amend the name of the inventor to read TRAINOR-MC-DERMOTT, Jennifer; JEAN, Mickaël; JOHNSON, Michael; WILMS, Jeron; BURM, Michaël; VAN VELTHOVEN, Robrecht and HOUTSAEGER, Laurent

2023277965 **I-SENS, INC.** The nature of the amendment is: Amend the invention title to read METHOD FOR CALIBRATING BIOMETRIC VALUE ACCORDING TO WHETHER BIOMETRIC VALUE IS STABILIZED, IN BIOMETRIC INFORMATION MEASUREMENT SYSTEM

2023298568 **TORAY INDUSTRIES, INC.** The nature of the amendment is: Amend the invention title to read PHARMACEUTICAL COMPOSITION FOR CANCER TREATMENT AND/OR PREVENTION

2023300118 **A-CLIP INSTITUTE, CO., LTD.** The nature of the amendment is: Amend the invention title to read Method for testing diseased state of vasculitis or exacerbation risk of COVID-19, testing kit, companion diagnostic agent, and testing marker

2023300688 **DAIKIN INDUSTRIES, LTD.; THE UNIVERSITY OF TOKYO** The nature of the amendment is: Amend the invention title to read Refrigeration cycle apparatus

2023302751 **DAIWA CAN COMPANY** The nature of the amendment is: Amend the invention title to read Economic efficiency estimation apparatus and economic efficiency estimation method using charge-discharge curve of rechargeable battery

2023318176 **AUDIO-TECHNICA CORPORATION** The nature of the amendment is: Amend the invention title to read Electroacoustic transducer and headphone

2024

2024203460 **The Eye Hospital of Wenzhou Medical University** The nature of the amendment is: Amend the invention title to

Amendments

read CIRCULAR RNA-circCAMSAP1 AS A DIAGNOSTIC MARKER AND THERAPEUTIC TARGET IN UVEAL MELANOMA

2024259889 **FluGen, Inc.** The nature of the amendment is as shown in the statement filed 30 Nov 2024

2024278481 **FISHER & PAYKEL HEALTHCARE LIMITED** The nature of the amendment is: Amend the invention title to read HEADGEAR ASSEMBLY FOR BREATHING INTERFACE

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

2007

2007229375 Codan Holding GmbH The name of the patentee has been altered to **CODAN Medizinische Geräte GmbH**

2015

2015255248 JUSAND NOMINEES PTY LTD The name of the patentee has been altered to **Kutti Bay Investments Pty Ltd**

2019

2019367163 Future Health Works Ltd. The name of the patentee has been altered to **Healthcare Outcomes Performance Company Limited**

2020

2020100163 Jusand Nominees Pty Ltd The name of the patentee has been altered to **Kutti Bay Investments Pty Ltd**

2020200043 CODAN Holding GmbH The name of the patentee has been altered to **CODAN Medizinische Geräte GmbH**

2020394594 AFL Telecommunications Europe Ltd The name of the applicant has been altered to **TRATOS CAVI UK LTD.**

2021

2021200376 Jusand Nominees Pty Ltd The name of the patentee has been altered to **Kutti Bay Investments Pty Ltd**

2021215238 Jusand Nominees Pty Ltd The name of the patentee has been altered to **Kutti Bay Investments Pty Ltd**

2021263126 Future Health Works Ltd. The name of the applicant has been altered to **Healthcare Outcomes Performance Company Limited**

2021273654 Jusand Nominees Pty Ltd The name of the applicant has been altered to **Kutti Bay Investments Pty Ltd**

2021405157 FUTURE HEALTH WORKS LTD. The name of the applicant has been altered to **Healthcare Outcomes Performance Company Limited**

2024

2024204390 Future Health Works Ltd. The name of the applicant has been altered to **Healthcare Outcomes Performance Company Limited**

Applications Open to Public Inspection

Name Index

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

(71) AB LINDE
(11) AU-A-2024287143
(21) 2024287143 (22) 23.12.2024
(54) PROTECTIVE GARMENT AND METHOD FOR MANUFACTURING THE SAME
(51) Int. Cl.
A61F 13/496 (2006.01)
A41B 9/12 (2006.01)
A61F 13/49 (2006.01)
(43) 16.01.2025
(62) 2022350995
(72) DREVIK, Solgun; GREIJER, Unn; JO-HANSSON, Jenny; LO, Ebba
(74) James & Wells Intellectual Property

(71) ABUS August Bremicker Söhne KG
(11) AU-A-2024203483
(21) 2024203483 (22) 24.05.2024
(54) METHOD FOR CONTROLLING A FRAME LOCK OF A VEHICLE
(51) Int. Cl.
B62H 5/14 (2006.01)
B62H 5/08 (2006.01)
B62J 6/16 (2020.01)
B62J 45/413 (2020.01)
B62J 45/423 (2020.01)
E05B 47/06 (2006.01)
(31) 102023116136.9 (32) 20.06.23 (33) DE
(43) 16.01.2025
(72) Heinemann, Stefan
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ABUS August Bremicker Söhne KG
(11) AU-A-2024203817
(21) 2024203817 (22) 06.06.2024
(54) BOLT LOCK
(51) Int. Cl.
E05B 59/04 (2006.01)
E05B 25/02 (2006.01)
E05B 73/00 (2006.01)
(31) 102023116135.0 (32) 20.06.23 (33) DE
(43) 16.01.2025
(72) Heinemann, Stefan; Breddermann, Wolfgang Tobias; Beul, Fabienne
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ABUS August Bremicker Söhne KG
(11) AU-A-2024203970
(21) 2024203970 (22) 12.06.2024
(54) ELECTRONIC FRAME LOCK
(51) Int. Cl.
B62H 5/14 (2006.01)
E05B 47/06 (2006.01)
E05B 67/28 (2006.01)
(31) 102023116143.1 (32) 20.06.23 (33) DE
(43) 16.01.2025
(72) Kipping, Andreas
(74) PHILLIPS ORMONDE FITZPATRICK

Aclarion, Inc. see The Regents of the University of California
(21) 2024278636

(71) Adobe Inc.
(11) AU-A-2024202520
(21) 2024202520 (22) 17.04.2024
(54) GENERATING THREE-DIMENSIONAL LOOPING ANIMATIONS FROM STILL IMAGES
(51) Int. Cl.
G06T 13/20 (2011.01)
G06T 7/20 (2017.01)
G06T 15/00 (2011.01)
G06T 17/00 (2006.01)
G06V 20/64 (2022.01)
G06V 40/10 (2022.01)
(31) 18/340,445 (32) 23.06.23 (33) US
(43) 16.01.2025
(72) Shu, Zhixin; Zhou, Yi; Wang, Yangtuanfeng; Saito, Jun; Lu, Jingwan; Yang, Jimei; Zachary, James; Yoon, Jae Shin; Aksit, Duygu Ceylan; He, Chengan
(74) RnB IP Pty Ltd

(71) ADVAGENE BIOPHARMA CO., LTD.
(11) AU-A-2023237105
(21) 2023237105 (22) 27.09.2023
(54) INTRANASAL VACCINE COMPOSITION AND METHOD FOR BOOSTING USING THE SAME
(51) Int. Cl.
A61K 39/39 (2006.01)
A61K 9/08 (2006.01)
A61K 39/145 (2006.01)
A61K 39/215 (2006.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
A61P 37/04 (2006.01)
(31) 63/523876 (32) 28.06.23 (33) US
(43) 16.01.2025
(72) HSU, Yu-Shen; KANG, Ssu-Wei; CHANG, Mingi
(74) AJ PARK

(71) Advanced Lithium Electrochemistry Co., Ltd.
(11) AU-A-2023285709
(21) 2023285709 (22) 18.12.2023
(54) Composite electrode and preparation method thereof
(51) Int. Cl.
H01M 4/131 (2010.01)
B60L 58/00 (2019.01)
H01M 4/13 (2010.01)
H01M 4/133 (2010.01)
H01M 4/137 (2010.01)
H01M 4/1391 (2010.01)
H01M 4/1393 (2010.01)

H01M 4/1399 (2010.01)
(31) 112123273 (32) 21.06.23 (33) TW
(43) 16.01.2025
(72) LIN, Yuan-Kai; HSIEH, Han-Wei; HUANG, Chen-Yi; LI, Yi-Ting
(74) Spruson & Ferguson

(71) AIGI Environmental Inc.
(11) AU-A-2024202595
(21) 2024202595 (22) 19.04.2024
(54) Sealing packing
(51) Int. Cl.
F16J 15/22 (2006.01)
F16J 15/3284 (2016.01)
(31) 202310745861.1 (32) 21.06.23 (33) CN
(43) 16.01.2025
(72) ZHAO, Jingwei; ZHANG, Jun
(74) FPA Patent Attorneys Pty Ltd

(71) Aim Energy Holdings Pty Ltd
(11) AU-A-2024204215
(21) 2024204215 (22) 20.06.2024
(54) A GAS SEPARATOR APPARATUS
(51) Int. Cl.
B01D 19/00 (2006.01)
B01D 53/00 (2006.01)
E21B 43/34 (2006.01)
E21B 43/00 (2006.01)
E21B 43/12 (2006.01)
E21F 7/00 (2006.01)
(31) 2023901955 (32) 20.06.23 (33) AU
(43) 16.01.2025
(72) Stangherlin, Guido
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Alexion Pharmaceuticals, Inc.
(11) AU-A-2024287094
(21) 2024287094 (22) 20.12.2024
(54) Antidotes for factor XA inhibitors and methods of using the same
(51) Int. Cl.
A61P 7/02 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/715 (2006.01)
A61K 31/727 (2006.01)
A61K 38/36 (2006.01)
A61K 38/48 (2006.01)
A61K 39/395 (2006.01)
A61P 7/04 (2006.01)
C07H 21/00 (2006.01)
C07K 14/00 (2006.01)
C07K 16/00 (2006.01)
C12N 5/10 (2006.01)
C12N 9/64 (2006.01)
C12P 21/00 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 16.01.2025
(62) 2021218033
(72) LU, Genmin; PHILLIPS, David R.; ANDRE, Patrick; SINHA, Uma
(74) FPA Patent Attorneys Pty Ltd

(71) Alfa Laval Corporate AB
(11) AU-A-2024278579
(21) 2024278579 (22) 18.12.2024
(54) Method for operating bioprocessing system and bioprocessing system
(51) Int. Cl.
C12M 1/00 (2006.01)
C12M 1/26 (2006.01)

(43) 16.01.2025
(62) 2021398897
(72) KÖNIGSSON, Staffan; THORWID, Peter
(74) FB Rice Pty Ltd

(71) Alnylam Pharmaceuticals, Inc.
(11) AU-A-2024278344
(21) 2024278344 (22) 12.12.2024
(54) RNAI AGENTS, COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING TRANSTHYRETIN (TTR) ASSOCIATED DISEASES
(51) Int. Cl.
C07H 21/00 (2006.01)
A61K 31/7088 (2006.01)
C12N 15/113 (2010.01)

(43) 16.01.2025
(62) 2022231749
(72) CHARISSE, Klaus; KUCHIMANCHI, Satyanarayana; MAIER, Martin; RAJEEV, Kallanthottathil G.; ZIMMERMANN, Tracy; MANOHARAN, Muthiah
(74) Griffith Hack

(71) AMG Mineração S.A.
(11) AU-A-2024278633
(21) 2024278633 (22) 19.12.2024
(54) ORE-DRESSING PROCESS
(51) Int. Cl.
B03B 7/00 (2006.01)
B03B 5/48 (2006.01)
B03C 1/02 (2006.01)
B03C 1/025 (2006.01)
B03D 1/02 (2006.01)
B03D 103/02 (2006.01)

(43) 16.01.2025
(62) 2018363890
(72) RESENDE FAZZION, Lucas; DAMASIO DE ALMEIDA, Vantuir; VALDIR GUSMAO, Carlos; OLIVEIRA COSTA, Fabiano José; DE SOUZA ARENARE, Matheus
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) Anduril Industries, Inc.
(11) AU-A-2024278601
(21) 2024278601 (22) 19.12.2024
(54) Maritime vehicle systems and methods
(51) Int. Cl.
B63G 8/00 (2006.01)
B63B 3/13 (2006.01)

B63B 3/34 (2006.01)
B63G 8/08 (2006.01)
B63G 8/41 (2006.01)
(43) 16.01.2025
(62) 2021206184
(72) LEBO, William Timothy; RAYMOND, Timothy George; FISHER JUNIOR, John Joseph; WYLIE, Jeffrey Alan; HENDERSON, Hayden Allen; RUSSO, Samuel John; SGOBBO, Jerrold; BRACCI, Noah Michael; BUESCHER, James Gabriel; GUIMARAES FILHO, Izirlei; CELKIS, Edward Anthony
(74) FB Rice Pty Ltd

(71) Apple Inc.
(11) AU-A-2024278616
(21) 2024278616 (22) 19.12.2024
(54) Audio driver and power supply unit architecture
(51) Int. Cl.
H04R 1/02 (2006.01)
G06F 3/01 (2006.01)
H04R 1/26 (2006.01)
H04R 1/28 (2006.01)
H04R 1/30 (2006.01)
H04R 1/40 (2006.01)
H04R 3/12 (2006.01)
H04R 5/02 (2006.01)
H04R 31/00 (2006.01)

(43) 16.01.2025
(62) 2023204577
(72) STANLEY, Craig M.; PORTER, Simon K.; SHEERIN, John H.; TRAINTER, Glenn K.; DELLA ROSA, Jason C.; HUWE, Ethan L.; MCINTOSH, Sean T.; WANG, Erik L.; STRINGER, Christopher J.; ANDERSON, Molly J.; PARKER, Samuel G.; WU, Meiting; MENDEZ, Javier; LIU, Rong; COUSINS, Benjamin A.; SUN, Yupin; QI, Jun; BRINSFIELD, Jason W.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024287076
(21) 2024287076 (22) 20.12.2024
(54) Input device and user interface interactions
(51) Int. Cl.
G06F 3/0488 (2022.01)
(43) 16.01.2025
(62) 2023204666
(72) VAN OS, Marcel; BACHMAN, William M.; CHEN, Elbert D.; ROBBIN, Jeffrey L.; HOWARD, Joe; MCGLINN, Joshua; LOCHHEAD, Jonathan; KEIGHRAN, Benjamin W.; FOLSE, Jennifer L.C.; KRESS, Lynne; MISSIG, Julian; CHAUDHRI, Imran; SABATELLI, Alessandro; ZAMBETTI, Nicholas
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
(11) AU-A-2024287095
(21) 2024287095 (22) 20.12.2024
(54) Systems and methods for tissue removal
(51) Int. Cl.

A61B 17/34 (2006.01)
A61B 17/00 (2006.01)
A61B 17/32 (2006.01)
A61B 17/02 (2006.01)
A61B 17/3211 (2006.01)

(43) 16.01.2025
(62) 2022221544
(72) WIXEY, Matthew A.; YOUNG, Wayne; CASTELO, Kevin B.; HOKE, Adam; HOFSTETTER, Greg; DEMARCHI, Jacqueline; GARCES, Amy; HOLMES, Heidi; SHEEHAN, Alexander; WACHLI, Serene; BRESLIN, Tracy; KESSLER, Steven C.; POULSEN, Nikolai; COLLINS, Nathan; DO, Alexandra; BOLANOS, Eduardo; PRAVONG, Boun; FILEK, Jacob; ELLIOTT, Patrick
(74) Griffith Hack

(71) Applied Medical Resources Corporation
(11) AU-A-2024287099
(21) 2024287099 (22) 20.12.2024
(54) Simulated dissectible tissue
(51) Int. Cl.
G09B 23/30 (2006.01)
(43) 16.01.2025
(62) 2022221430
(72) Hofstetter, Gregory K.; Breslin, Tracy; Black, Katie; Felsing, Natasha
(74) Griffith Hack

(71) Aquis Systems AG
(11) AU-A-2024203096
(21) 2024203096 (22) 09.05.2024
(54) Drinking-water cooling system for cooling, storing and filtering drinking water
(51) Int. Cl.
C02F 1/00 (2023.01)
B67D 1/08 (2006.01)
(31) 23 181 808.9 (32) 27.06.23 (33) EP
(43) 16.01.2025
(72) HUCK, Kai
(74) Spruson & Ferguson

(71) Arbutus Biopharma Corporation
(11) AU-A-2024287081
(21) 2024287081 (22) 20.12.2024
(54) LIVER SCREENING METHOD
(51) Int. Cl.
A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
G01N 33/50 (2006.01)
(43) 16.01.2025
(62) 2022241505
(72) DE FOUGEROLLES, Antonin; NOVOBRANTSEVA, Tatiana; BORODOVSKY, Anna; AKINC, Akin; TRACY, Mark
(74) Griffith Hack

(71) Aristocrat Technologies, Inc.
(11) AU-A-2024203085
(21) 2024203085 (22) 09.05.2024
(54) EQUITY-BASED BONUS COMMUNITY GAMING SYSTEMS AND METHODS
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)

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(43) 16.01.2025
(72) Crescenzo, Patricia; Masinter II,
Joseph; Thomas, Alfred
(74) James & Wells Intellectual Property
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- (71) Aristocrat Technologies, Inc.
(11) AU-A-2024203086
(21) 2024203086 (22) 09.05.2024
(54) ADJUSTABLE GAME PLAY MATRIX
SYSTEMS AND METHODS IN ELEC-
TRONIC GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/5375 (2014.01)
(31) 18/472,964 (32) 22.09.23 (33) US
63/511,334 30.06.23 US
(43) 16.01.2025
(72) Boese, Eric; Yi, Jae; Richard, Brandon
(74) James & Wells Intellectual Property
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- (71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2024287080
(21) 2024287080 (22) 20.12.2024
(54) GAMING MACHINES, SYSTEMS, AND
METHODS WITH CONFIGURABLE
BUTTON DECK INCLUDING A DY-
NAMIC LOW PROFILE PUSHBUTTON
ASSEMBLY
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
(43) 16.01.2025
(62) 2022275498
(72) JADEJA, Rajendrasinh Banesinh
(74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2024287089
(21) 2024287089 (22) 20.12.2024
(54) A GAMEPLAY METHOD WITH CON-
NECTED IMAGE SEGMENTS
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/45 (2014.01)
(43) 16.01.2025
(62) 2019201675
(72) MARSH, David; ROELOFS, Karl
(74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty
Limited
(11) AU-A-2024287096
(21) 2024287096 (22) 20.12.2024
(54) SYSTEMS AND METHODS FOR DIS-
PLAYING AN OVERSIZED SYMBOL
ACROSS MULTIPLE REELS
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 16.01.2025
(62) 2019201689
(72) LUDWICK, John
(74) Griffith Hack
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- (71) Asbestos Reports Australia Pty Limited
(11) AU-A-2024204033
(21) 2024204033 (22) 13.06.2024
(54) GENERATION AND SHARING OF SE-
CURE DATA RECORDS FOR POINT-
IN-TIME VERIFICATION OF IDENTITY
THEREBY TO ENABLE SECURE EXE-
CUTION OF DOCUMENTS, SECURE
DOCUMENT EXECUTION PROCESS
THAT PROCESSES DATA OBTAINED
VIA EXTERNAL USER VERIFICA-
TION PROCESS WHICH GENERATES
UNIQUE CHECK-IN EVENT DATA
(51) Int. Cl.
G06Q 50/26 (2012.01)
G06F 16/955 (2019.01)
G06F 21/32 (2013.01)
G06F 21/42 (2013.01)
G06F 21/64 (2013.01)
G06Q 20/40 (2012.01)
G06Q 30/018 (2023.01)
G06V 40/00 (2022.01)
H04L 9/32 (2006.01)
H04W 12/06 (2021.01)
G06K 19/06 (2006.01)
(31) 2023901859 (32) 13.06.23 (33) AU
2024901501 22.05.24 AU
2024901502 22.05.24 AU
(43) 16.01.2025
(72) DOBROW, WAL
(74) FORWARD INTELLECTUAL PROP-
ERTY PTY LTD
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- (71) Ascendis Pharma Growth Disorders A/
S
(11) AU-A-2024278638
(21) 2024278638 (22) 19.12.2024
(54) Combination therapy with controlled-re-
lease CNP agonists
(51) Int. Cl.
A61K 31/505 (2006.01)
A61K 38/22 (2006.01)
A61K 47/60 (2017.01)
(43) 16.01.2025
(62) 2023201709
(72) Holten-Andersen, Lars; Miller Breinholt,
Vibeke; Sprogøe, Kennett
(74) Pizzzeys Patent and Trade Mark Attor-
neys Pty Ltd
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- (71) Aspen Neuroscience, Inc.
(11) AU-A-2024278587
(21) 2024278587 (22) 19.12.2024
(54) Method of differentiating neural cells
and related compositions and methods
of use
(51) Int. Cl.
C12N 5/0793 (2010.01)
A61P 25/16 (2006.01)
C12N 5/00 (2006.01)
(43) 16.01.2025
(62) 2021209068
(72) BRATT-LEAL, Andres; LORING,
Jeanne; TRAN, Ha; WILLIAMS, Roy;
MOSSMAN, Jim
(74) Davies Collison Cave Pty Ltd
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- (71) ASSA ABLOY Australia Pty Limited
(11) AU-A-2024204141
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- (21) 2024204141 (22) 18.06.2024
(54) IMPROVED LOCK ASSEMBLY HAV-
ING HUB DETECTION
(51) Int. Cl.
E05B 47/06 (2006.01)
E05B 63/08 (2006.01)
E05B 63/16 (2006.01)
E05B 47/00 (2006.01)
(31) 2023902023 (32) 27.06.23 (33) AU
(43) 16.01.2025
(72) Levy, Gil Jonothan; Tyzzer, Simon Paul
(74) PHILLIPS ORMONDE FITZPATRICK
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(APHP) see INSERM (Institut National de la
Santé et de la Recherche Médicale)**
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- (71) Bambino Prezioso Switzerland AG
(11) AU-A-2024278603
(21) 2024278603 (22) 19.12.2024
(54) CARRYCOT TO BE DETACHABLY
MOUNTED ON A BASE BEING
DISMOUNTABLY ATTACHED IN
A VEHICLE OR ON A STROLLER
FRAME
(51) Int. Cl.
B60N 2/28 (2006.01)
(43) 16.01.2025
(62) 2021272714
(72) CHEN, Yingzhong
(74) Griffith Hack
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- (71) Bambino Prezioso Switzerland AG
(11) AU-A-2024278624
(21) 2024278624 (22) 19.12.2024
(54) Child safety seat and side collision pro-
tection mechanism thereof
(51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/42 (2006.01)
(43) 16.01.2025
(62) 2021291000
(72) XIAOLONG, Mo
(74) Allens Patent & Trade Mark Attorneys
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- (71) Bambino Prezioso Switzerland AG
(11) AU-A-2024278634
(21) 2024278634 (22) 19.12.2024
(54) Child safety seat
(51) Int. Cl.
B60N 2/28 (2006.01)
(43) 16.01.2025
(62) 2021303584
(72) CHEN, Hongbo
(74) Allens Patent & Trade Mark Attorneys
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- (71) BASF Plant Science Company GmbH
(11) AU-A-2024278609
(21) 2024278609 (22) 19.12.2024
(54) Method and means for an isolation of
membrane-bound proteins from a bio-
logical sample, preferably processed
plant seed meal
(51) Int. Cl.
A23J 1/00 (2006.01)
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(71) Beijing Baidu Netcom Science Techno- logy Co., Ltd. (11) AU-A-2023285763 (21) 2023285763 (22) 20.12.2023 (54) PROCESSING METHOD, DEVICE AND SYSTEM FOR QUANTUM CLOUD COMPUTING, AND STORAGE MEDIUM (51) Int. Cl. G06N 10/00 (2022.01) (31) 202310798923.5 (32) 30.06.23 (33) CN (43) 16.01.2025 (72) Li, Langyu; Liu, Zhiping; Liu, Xia; Zhang, Lei; Wang, Zihe; Wang, Xin (74) PHILLIPS ORMONDE FITZPATRICK	(71) Blue River Technology Inc. (11) AU-A-2024202443 (21) 2024202443 (22) 15.04.2024 (54) ESTIMATING PERFORMANCE AND MODIFYING PERFORMANCE PARA- METERS FOR A FARMING MACHINE USING OPERATOR FEEDBACK (51) Int. Cl. G05B 13/04 (2006.01) A01M 7/00 (2006.01) G05B 19/04 (2006.01) G05B 23/02 (2006.01) (31) 18/217,296 (32) 30.06.23 (33) US 18/217,294 30.06.23 US (43) 16.01.2025 (72) Cline, Benjamin Kahn; Fu, Chia-Chun; Denas, Olger; Padwick, Christopher Grant (74) Pizzeys Patent and Trade Mark Attor- neys Pty Ltd	Brighten Optix Corp. see nthalmic holding Pty Ltd (21) 2024278596
(71) Benchmark Genetics Iceland hf (11) AU-A-2024278648 (21) 2024278648 (22) 19.12.2024 (54) AN AQUACULTURE PROCESS FOR THE PRODUCTION OF SALMON EGGS (51) Int. Cl. A01K 61/10 (2017.01) A01K 61/17 (2017.01) (43) 16.01.2025 (62) 2018375995 (72) JONASSON, Jonas; GUNNLAUGS- DOTTIR, Bara; HREIDARSSON, Hreidar; HARDARSON, David (74) James & Wells Intellectual Property	(71) Boston Scientific Scimed, Inc. (11) AU-A-2024278635 (21) 2024278635 (22) 19.12.2024 (54) Implantable device comprising an elec- tronically powered pump and valve sys- tem for hydraulic pressurization of in- flatable implants (51) Int. Cl. A61F 2/26 (2006.01) A61F 2/00 (2006.01) (43) 16.01.2025 (62) 2022291478 (72) SMITH, Noel; NOLAN, Daragh; AL- BRECHT, Thomas Andrew; WATSCH- KE, Brian P. (74) Spruson & Ferguson	(71) Bushnell Inc. (11) AU-A-2024203958 (21) 2024203958 (22) 11.06.2024 (54) Local connected networks for outdoor activities (51) Int. Cl. H04W 84/10 (2009.01) F41G 1/38 (2006.01) F41G 3/06 (2006.01) (31) 18/212,348 (32) 21.06.23 (33) US (43) 16.01.2025 (72) PALKOWITSH, Gregory L.; SIZEMORE, Michael A.; TESFAYE, Yil- ak (74) Spruson & Ferguson
(71) Bio-Gene Technology Limited (11) AU-A-2024278619 (21) 2024278619 (22) 19.12.2024 (54) Methods for Control of Pests (51) Int. Cl. A01N 35/06 (2006.01) A01N 25/02 (2006.01) A01P 7/04 (2006.01) (43) 16.01.2025 (62) 2019247482 (72) MAY, Peter; KLUPACS, Robert (74) Griffith Hack	(71) Boston Scientific Scimed, Inc. (11) AU-A-2024287169 (21) 2024287169 (22) 23.12.2024 (54) Universal thread fluid container enclos- ure systems (51) Int. Cl. A61B 1/00 (2006.01) A61B 1/015 (2006.01) (43) 16.01.2025 (62) 2021347148 (72) STANTON, Larry Edward; LAPLACA, Matthew; POLLOCK, Ryan Vincent Wil- liam (74) Spruson & Ferguson	(71) Caiben Pty Ltd (11) AU-A-2023204074 (21) 2023204074 (22) 26.06.2023 (54) GAME APPARATUS AND METHOD FOR PLAYING A GAME (51) Int. Cl. A63F 3/00 (2006.01) (43) 16.01.2025 (72) Smith, Craig; Dwyer, Anthony (74) Daniel Rosenthal
(71) Bioverativ USA Inc. (11) AU-A-2024227570 (21) 2024227570 (22) 23.10.2024 (54) Anti-complement C1s antibodies and uses thereof (51) Int. Cl. A61K 39/395 (2006.01)	(71) BREX INC. (11) AU-A-2024278611 (21) 2024278611 (22) 19.12.2024 (54) Multifactor authentication through cryp- tography-enabled smart cards (51) Int. Cl. H04L 9/00 (2022.01)	(71) CATERPILLAR GLOBAL MINING EQUIPMENT LLC (11) AU-A-2024287083 (21) 2024287083 (22) 20.12.2024 (54) Rotary head guide system for drilling machine (51) Int. Cl. E21B 15/00 (2006.01) E21B 7/02 (2006.01) (43) 16.01.2025 (62) 2019246850 (72) HUDSON, Charles Taylor (74) FPA Patent Attorneys Pty Ltd
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(72) PYKE, Sandy; GARIEPY, Francois;
NIE-ROUQUETTE, Aurelien
(74) FPA Patent Attorneys Pty Ltd
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- (71) CATERPILLAR INC.
(11) AU-A-2024203687
(21) 2024203687 (22) 31.05.2024
(54) CONSTRUCTION EQUIPMENT
CROSS SLOPE TRANSITIONS
(51) Int. Cl.
E02F 3/84 (2006.01)
E02F 9/20 (2006.01)
(31) 18/342933 (32) 28.06.23 (33) US
(43) 16.01.2025
(72) GENTLE, Michael C.; TEVIS, Ethan M.
(74) FPA Patent Attorneys Pty Ltd
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- (71) CATERPILLAR INC.
(11) AU-A-2024203688
(21) 2024203688 (22) 31.05.2024
(54) CROSS SLOPE WITH GRADE COM-
PENSATION
(51) Int. Cl.
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(31) 18/342946 (32) 28.06.23 (33) US
(43) 16.01.2025
(72) GENTLE, Michael C.; TEVIS, Ethan M.
(74) FPA Patent Attorneys Pty Ltd
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- (71) Catilina Nominees Pty Ltd
(11) AU-A-2023204201
(21) 2023204201 (22) 30.06.2023
(54) COMPOSITION AND METHOD FOR
PHARMACEUTICAL WASTE DISPOS-
AL
(51) Int. Cl.
B09B 3/20 (2022.01)
B09B 3/70 (2022.01)
B09B 101/65 (2022.01)
(43) 16.01.2025
(72) Naturani, Daniel
(74) BOSH IP Pty Ltd
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fique (CNRS) see INSERM (Institut National
de la Santé et de la Recherche Médicale)
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- (71) Chengdu Drifting Island Outdoor Co.,
Ltd
(11) AU-A-2023278020
(21) 2023278020 (22) 05.12.2023
(54) SELF-BAILING BOAT
(51) Int. Cl.
B63B 13/00 (2006.01)
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(43) 16.01.2025
(72) Wang, Dai
(74) Madderns Pty Ltd
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U.S.A. Inc.
(21) 2024203884
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Pty Ltd
(11) AU-A-2024203884
(21) 2024203884 (22) 07.06.2024
(54) Remote evaluation of hydraulic valves
(51) Int. Cl.
E21B 34/16 (2006.01)
E21B 34/04 (2006.01)
F16K 37/00 (2006.01)
(31) 18/339163 (32) 21.06.23 (33) US
(43) 16.01.2025
(72) AN, Hailing; WEATHERWAX, Scott
Eric; MIAO, Miao; VO, Minh Duc
(74) FPA Patent Attorneys Pty Ltd
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- (71) Chevron U.S.A. Inc.
(11) AU-A-2024204017
(21) 2024204017 (22) 13.06.2024
(54) Wellhead fatigue prediction via interpol-
ation using clustered machine learning
models and extrapolation using cluster
centers
(51) Int. Cl.
G06F 30/20 (2020.01)
G01V 99/00 (2009.01)
(31) 18/338,972 (32) 21.06.23 (33) US
(43) 16.01.2025
(72) Ma, Yixiong; Cheng, Shuxing; Lu,
Wangming
(74) Davies Collison Cave Pty Ltd
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- (71) CHINA ELECTRIC POWER RE-
SEARCH INSTITUTE
(11) AU-A-2023379420
(21) 2023379420 (22) 20.12.2023
(54) METHOD, APPARATUS AND DEVICE
FOR DETERMINING VOLTAGE SUP-
PORT STRENGTH OF RENEWABLE
ENERGY POWER SYSTEM IN REAL
TIME, STORAGE MEDIUM AND COM-
PUTER PROGRAM PRODUCT
(51) Int. Cl.
H02J 3/12 (2006.01)
G01R 19/00 (2006.01)
H02J 3/06 (2006.01)
H02J 3/18 (2006.01)
H02J 3/38 (2006.01)
H02J 13/00 (2006.01)
(31) 202310728273.7 (32) 20.06.23 (33) CN
(43) 16.01.2025
(72) SUN, Huadong; YU, Lin; XU, Shiyun;
PENG, Long; WANG, Hongfu; ZHAO,
Bing; XI, Gongwei
(74) Michael Buck IP
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TECHNOLOGY see SUZHOU DONGLING
VIBRATION TEST INSTRUMENT CO., LTD.
(21) 2023387764
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- (71) Chongqing Changan Automobile Co.,
Ltd.
(11) AU-A-2023285786
(21) 2023285786 (22) 20.12.2023
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- (54) Method and apparatus for image and
point cloud fusion
(51) Int. Cl.
G06V 10/82 (2022.01)
G06T 7/70 (2017.01)
G06V 10/764 (2022.01)
G06V 20/58 (2022.01)
(31) 2023107378848 (32) 20.06.23 (33) CN
(43) 16.01.2025
(72) Zhang, Xiuxiu; Qi, Shengxiang; Dong,
Nan
(74) Davies Collison Cave Pty Ltd
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- (71) Chongqing Changan Automobile Co.,
Ltd.
(11) AU-A-2023285945
(21) 2023285945 (22) 22.12.2023
(54) ACTION EXECUTION METHOD AND
APPARATUS, DISTANCE DETERMIN-
ATION METHOD AND APPARATUS,
DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
H04B 1/00 (2006.01)
H04W 48/00 (2009.01)
(31) 202310783313.8 (32) 28.06.23 (33) CN
(43) 16.01.2025
(72) Yang, Bin; Sun, Liang; Yuan, Ye; Qu,
Xiansheng; Yang, Tengyu
(74) Madderns Pty Ltd
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- (71) CORNEX NEW ENERGY CO., LTD.
(11) AU-A-2023233217
(21) 2023233217 (22) 22.09.2023
(54) IMMERSION VALVE ASSEMBLY AND
IMMERSION-TYPE SECONDARY
BATTERY DEVICE WITH THE SAME
(51) Int. Cl.
A62C 3/16 (2006.01)
A62C 31/00 (2006.01)
H01M 10/42 (2006.01)
(31) 202310766924.1 (32) 27.06.23 (33) CN
(43) 16.01.2025
(72) LUO, Yi; JIANG, Yuanfu; SUN, Haiming
(74) LexGeneris Pty Ltd
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- (71) CORNEX NEW ENERGY CO., LTD.
(11) AU-A-2023233219
(21) 2023233219 (22) 22.09.2023
(54) BATTERY EXPLOSION-PROOF
VALVE, BATTERY PLUG-IN BOX AND
ELECTRIC APPARATUS
(51) Int. Cl.
H01M 50/342 (2021.01)
A62C 2/04 (2006.01)
A62C 3/16 (2006.01)
A62C 4/02 (2006.01)
H01M 50/143 (2021.01)
(31) 202310790602.0 (32) 29.06.23 (33) CN
(43) 16.01.2025
(72) SUN, Haiming; CHEN, Cheng; LI, Ji;
LUO, Yi; JIANG, Yuanfu
(74) LexGeneris Pty Ltd
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- (71) Crop's Fruit
(11) AU-A-2024278589
(21) 2024278589 (22) 19.12.2024

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- (54) Device for the automatic preparation of a food product and method of offering and/or selling such a food product
(51) Int. Cl.
A47J 43/042 (2006.01)
A47J 43/07 (2006.01)
(43) 16.01.2025
(62) 2018392895
(72) DELBAERE, Pieter
(74) FPA Patent Attorneys Pty Ltd
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- (71) Crosstex International, Inc.
(11) AU-A-2024287124
(21) 2024287124 (22) 20.12.2024
(54) Water Treatment Dispensing Apparatus
(51) Int. Cl.
B01D 27/14 (2006.01)
B01D 37/00 (2006.01)
C02F 1/50 (2023.01)
C02F 1/76 (2023.01)
(43) 16.01.2025
(62) 2018353976
(72) FENTON, Thomas L.; KRULL, Jamie; MCKEAND, Michael W.; WERTHMAN, Christopher
(74) WRAYS PTY LTD
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- (71) Crown Equipment Corporation
(11) AU-A-2024287084
(21) 2024287084 (22) 20.12.2024
(54) ON-BOARD CHARGING STATION FOR A REMOTE CONTROL DEVICE
(51) Int. Cl.
G08C 17/02 (2006.01)
B60L 1/00 (2006.01)
(43) 16.01.2025
(62) 2023200486
(72) WOODRUFF, Vern I.; LUTHMAN, Trisha M.; SCHLOEMER, James F.; PULSKAMP, Steven R.; MEIR-ING, Donald T.; SHINEW, Matthew T.; PILCHER, Kent D.; DUCKWORTH, Paul C.; HENDON, Audrey
(74) BOSH IP Pty Ltd
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- (71) Crown Equipment Corporation
(11) AU-A-2024287086
(21) 2024287086 (22) 20.12.2024
(54) ON-BOARD CHARGING STATION FOR A REMOTE CONTROL DEVICE
(51) Int. Cl.
G08C 17/02 (2006.01)
B60L 1/00 (2006.01)
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(72) WOODRUFF, Vern I.; LUTHMAN, Trisha M.; SCHLOEMER, James F.; PULSKAMP, Steven R.; MEIR-ING, Donald T.; SHINEW, Matthew T.; PILCHER, Kent D.; DUCKWORTH, Paul C.; HENDON, Audrey
(74) BOSH IP Pty Ltd
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- (71) Crown Equipment Corporation
(11) AU-A-2024287091
(21) 2024287091 (22) 20.12.2024
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- (54) ON-BOARD CHARGING STATION FOR A REMOTE CONTROL DEVICE
(51) Int. Cl.
G08C 17/02 (2006.01)
B60L 1/00 (2006.01)
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(72) WOODRUFF, Vern I.; LUTHMAN, Trisha M.; SCHLOEMER, James F.; PULSKAMP, Steven R.; MEIR-ING, Donald T.; SHINEW, Matthew T.; PILCHER, Kent D.; DUCKWORTH, Paul C.; HENDON, Audrey
(74) BOSH IP Pty Ltd
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- (71) Custom Golf International Pty Ltd
(11) AU-A-2024204434
(21) 2024204434 (22) 27.06.2024
(54) GOLF TEE
(51) Int. Cl.
A63B 57/16 (2015.01)
(31) 2023902020 (32) 27.06.23 (33) AU
(43) 16.01.2025
(72) ELKINGTON, Gordon William
(74) WRAYS PTY LTD
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- (71) Deere & Company
(11) AU-A-2024203323
(21) 2024203323 (22) 20.05.2024
(54) Primary extractor of a sugarcane harvester including variable angle guide vanes
(51) Int. Cl.
A01D 45/10 (2006.01)
A01D 41/127 (2006.01)
(31) 18/212,417 (32) 21.06.23 (33) US
(43) 16.01.2025
(72) Cazenave, Blain J.
(74) Davies Collison Cave Pty Ltd
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- (71) Deka Products Limited Partnership
(11) AU-A-2024287140
(21) 2024287140 (22) 23.12.2024
(54) System, method, and apparatus for electronic patient care
(51) Int. Cl.
G06F 19/00 (2018.01)
(43) 16.01.2025
(62) 2023201521
(72) KAMEN, Dean; BIASI, John J.; SCARPACI, Jacob W.; KERWIN, John M.; TURNER, James G.; BAL-LANTYNE, Todd A.
(74) HENRY HUGHES IP LTD
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- (71) DIGIPAL SOLUTIONS ISRAEL LTD.
(11) AU-A-2024204153
(21) 2024204153 (22) 18.06.2024
(54) Nestable Pallet with Improved Racking and Conveyor Performance
(51) Int. Cl.
B65D 19/24 (2006.01)
B65D 19/22 (2006.01)
B65D 19/40 (2006.01)
(31) 63/521,920 (32) 20.06.23 (33) US
63/511,875 04.07.23 US
18/401,505 31.12.23 US
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- (43) 16.01.2025
(72) FEINER, Gideon
(74) Wallington-Dummer
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- (71) Dongguan Polyfilm Plastic Company Limited
(11) AU-A-2024202130
(21) 2024202130 (22) 03.04.2024
(54) Connecting member, connecting pipe structure and detachable frame
(51) Int. Cl.
E04H 4/14 (2006.01)
E04H 4/04 (2006.01)
F16L 21/08 (2006.01)
(31) 2023107744613 (32) 27.06.23 (33) CN
(43) 16.01.2025
(72) ZHANG, YiFeng
(74) Griffith Hack
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- (71) Dood Pty Ltd
(11) AU-A-2023204087
(21) 2023204087 (22) 27.06.2023
(54) ERASABLY WRITEABLE NOVELTY ITEM
(51) Int. Cl.
B42D 15/00 (2006.01)
(43) 16.01.2025
(72) TOH, Beatrice
(74) Franke Hyland Pty Ltd
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- (71) Duesenfeld GmbH
(11) AU-A-2024278642
(21) 2024278642 (22) 19.12.2024
(54) Recycling method for treating used batteries, in particular rechargeable batteries, and battery processing installation
(51) Int. Cl.
H01M 6/52 (2006.01)
C22B 7/00 (2006.01)
C22B 15/00 (2006.01)
C22B 21/00 (2006.01)
H01M 10/54 (2006.01)
(43) 16.01.2025
(62) 2022275436
(72) HANISCH, Christian
(74) Spruson & Ferguson
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- (71) Edwards Lifesciences Corporation
(11) AU-A-2024278604
(21) 2024278604 (22) 19.12.2024
(54) Prosthetic valves with mechanically coupled leaflets
(51) Int. Cl.
A61F 2/24 (2006.01)
(43) 16.01.2025
(62) 2022202794
(72) DIENNO, Dustin V.; DUNHAM, Michael G.; HARTMAN, Cody L.
(74) Spruson & Ferguson
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- (71) Eftsure Pty Ltd
(11) AU-A-2024287092
(21) 2024287092 (22) 20.12.2024
(54) A Vendor Management System and Method
(51) Int. Cl.

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G06Q 10/06 (2023.01)

- (43) 16.01.2025
(62) 2019211464
(72) CHAZAN, Mark Mervyn
(74) Griffith Hack

- (71) EHJ IP Limited
(11) AU-A-2023285889
(21) 2023285889 (22) 21.12.2023
(54) Ginseng compositions
(51) Int. Cl.
A61K 36/258 (2006.01)
A61K 36/185 (2006.01)
A61P 17/02 (2006.01)
A61K 9/00 (2006.01)
A61K 9/48 (2006.01)
(31) 2023901990 (32) 23.06.23 (33) AU
(43) 16.01.2025
(72) Buen, Lian Seng
(74) Forte Intellectual Property Pty Ltd

- (71) Eisai R&D Management Co., Ltd.
(11) AU-A-2024278417
(21) 2024278417 (22) 13.12.2024
(54) Pladienolide derivatives as spliceosome targeting agents for treating cancer
(51) Int. Cl.
C07D 313/00 (2006.01)
A61K 31/365 (2006.01)
A61K 31/4025 (2006.01)
A61K 31/416 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 35/04 (2006.01)
C07D 405/06 (2006.01)
C07D 405/10 (2006.01)
C07D 405/14 (2006.01)
C07D 491/10 (2006.01)
C07D 498/08 (2006.01)
(43) 16.01.2025
(62) 2023204118
(72) COOK, Andrew; REYNOLDS, Dominic; ZHONG, Cheng; BRAWN, Ryan; ELLERY, Shelby; SAMARAKOON, Thiwanka; LIU, Xiang; PRAJAPATI, Sudeep; SHEEHAN, Megan; LOWE, Jason T.; PALACINO, James
(74) Davies Collison Cave Pty Ltd

- (71) Energy Flex Pty Ltd
(11) AU-A-2024204123
(21) 2024204123 (22) 18.06.2024
(54) Methods and systems to calculate a scale-free non-dimensional figure of merit for energy use within an electricity market
(51) Int. Cl.
G06Q 50/06 (2012.01)
G01R 21/133 (2006.01)
G06N 20/00 (2019.01)
H02J 3/00 (2006.01)
H02J 3/14 (2006.01)
(31) 2023902107 (32) 30.06.23 (33) AU

- (43) 16.01.2025
(72) Phasey, Craig; Harding, Garry; Woods, Taylor
(74) Duncan Bucknell Company Pty Ltd

- (71) EVE ENERGY CO., LTD.
(11) AU-A-2024204509
(21) 2024204509 (22) 28.06.2024
(54) CONTROL CIRCUIT OF ENERGY STORAGE SYSTEM, METHOD, AND ENERGY STORAGE SYSTEM
(51) Int. Cl.
H02J 7/36 (2006.01)
H01M 50/509 (2021.01)
H02J 7/00 (2006.01)
H02J 7/02 (2016.01)
(31) 202310802285.X (32) 30.06.23 (33) CN
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202321701876.X 30.06.23 CN
PCT/ 01.03.24 CN
CN2024/070528
(43) 16.01.2025
(72) XIAO, Wenbing; LIU, Zhen; WAN, Liping; XIE, Shaowei; CAL, Heng
(74) Remarkable IP

- (71) EVE POWER CO., LTD.
(11) AU-A-2024204535
(21) 2024204535 (22) 29.06.2024
(54) CELL CONTROL BOARD AND ENERGY STORAGE SYSTEM
(51) Int. Cl.
G01R 31/396 (2019.01)
H01M 10/44 (2006.01)
H01M 10/60 (2014.01)
H01M 10/65 (2014.01)
H01M 50/569 (2021.01)
H02J 7/02 (2016.01)
(31) 202321714192.3 (32) 30.06.23 (33) CN
202310802619.3 30.06.23 CN
(43) 16.01.2025
(72) SHAO, Wenbing; LIU, Zhen; WAN, Liping; XIE, Shaowei; LIU, Zhongjie
(74) LexGeneris Pty Ltd

- (71) Ewald Dörken AG
(11) AU-A-2024204189
(21) 2024204189 (22) 19.06.2024
(54) Aqueous stabilizer composition and its use
(51) Int. Cl.
C09K 23/00 (2022.01)
C09D 7/45 (2018.01)
C09D 17/00 (2006.01)
C09K 23/48 (2022.01)
C09K 23/52 (2022.01)
(31) 23 181 631.5 (32) 27.06.23 (33) EP
(43) 16.01.2025
(72) ROTH, Marcel; MIRI, Daniel; LIS-CHEID, Jan; REUSMANN, Gerhard
(74) Spruson & Ferguson

- (71) Expedia, Inc.
(11) AU-A-2023286017
(21) 2023286017 (22) 28.12.2023

- (54) Intelligent recommendations based on multimodal inputs
(51) Int. Cl.
G06Q 50/14 (2012.01)
G06Q 10/06 (2023.01)
G06Q 30/0601 (2023.01)
G06V 10/70 (2022.01)
(31) 63/522,345 (32) 21.06.23 (33) US
18/542,097 15.12.23 US
(43) 16.01.2025
(72) CHAMBERS, Landon; HUMBLE, Travers; KUMAR, Anush; LUNA, Nehemias; GUZMAN, Raisa Meneses; SILBEY, Marc; SIMONELLI, Justin; YADLAPATI, Phalguna
(74) FB Rice Pty Ltd

- (71) F. HOFFMANN-LA ROCHE AG
(11) AU-A-2024278566
(21) 2024278566 (22) 18.12.2024
(54) Bispecific anti-CCL2 antibodies
(51) Int. Cl.
A61P 35/00 (2006.01)
A61P 37/06 (2006.01)
C07K 16/24 (2006.01)
(43) 16.01.2025
(62) 2020403913
(72) FENG, Shu; FISCHER, Jens; GAN, Siok Wan; GEORGES, Guy; GERTZ, Michael; HO, Wei Shiong Adrian; JOCHNER, Anton; JORDAN, Gregor; KETTENBERGER, Hubert; LAM, Runyi Adeline; MAJETY, Meher; MOELLEKEN, Joerg; RUNZA, Valeria; SCHAEFER, Martin; SCHLOTHAUER, Tilman; TIEFENTHALER, Georg; VIERT, Maria
(74) Griffith Hack

- (71) Fairpoint Outdoors A/S
(11) AU-A-2024203963
(21) 2024203963 (22) 11.06.2024
(54) Fishing Camera
(51) Int. Cl.
A01K 97/00 (2006.01)
A01K 85/01 (2006.01)
(31) PA202370350 (32) 30.06.23 (33) DK
(43) 16.01.2025
(72) STEFFENSEN, Michael Trørst
(74) WRAYS PTY LTD

- (71) Fidelity Information Services, LLC
(11) AU-A-2024287153
(21) 2024287153 (22) 23.12.2024
(54) SYSTEMS AND METHODS FOR RAPID BOOTING AND DEPLOYING OF AN ENTERPRISE SYSTEM IN A CLOUD ENVIRONMENT
(51) Int. Cl.
G06F 9/46 (2006.01)
G06F 9/54 (2006.01)
H04L 67/06 (2022.01)
(43) 16.01.2025
(62) 2020209932
(72) MEYER, Scott; SINDHU, Fiaz; MADHAV, Miriyala Venu; NOVIELLI, Giacomo
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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(71) FIERI ANALYTICS INC. (11) AU-A-2024204142 (21) 2024204142 (22) 18.06.2024 (54) DEEP NEURAL NETWORK-BASED SYSTEM FOR DETECTION AND CLASSIFICATION OF CONSTRUCTION ELEMENTS IN CONSTRUCTION ENGINEERING DRAWINGS (51) Int. Cl. G06F 30/13 (2020.01) G06F 30/27 (2020.01) (31) 63/523128 (32) 26.06.23 (33) US (43) 16.01.2025 (72) WANG, Beinan; SOTTILE, Simon; ELYAN, Eyad; JAMIESON, Laura; MORENA-GARCIA, Carlos (74) AJ PARK	F04D 29/42 (2006.01) F04D 29/58 (2006.01) (43) 16.01.2025 (62) 2018390875 (72) STÄHLE, Carl (74) Griffith Hack (71) Fu An Wellness Technology, Inc. (11) AU-A-2023237036 (21) 2023237036 (22) 25.09.2023 (54) RESISTANCE TREADMILL WITH CURVED RUNNING DECK (51) Int. Cl. A63B 22/02 (2006.01) A63B 21/005 (2006.01) A63B 69/00 (2006.01) (31) 112124644 (32) 30.06.23 (33) TW (43) 16.01.2025 (72) TSAI, SHIH-YING (74) James & Wells Intellectual Property	B03B 5/00 (2006.01) (31) 63/510,945 (32) 29.06.23 (33) US (43) 16.01.2025 (72) Larouche, Frédéric; Poirié, Thomas; Balmayer, Matthieu; Bergeron, Olivier; Kroeger, Jens (74) PHILLIPS ORMONDE FITZPATRICK
(71) Fisher & Paykel Healthcare Limited (11) AU-A-2024279876 (21) 2024279876 (22) 20.12.2024 (54) Respiratory Mask System (51) Int. Cl. A61M 16/06 (2006.01) (43) 16.01.2025 (62) 2022204375 (72) Richardson, Thomas Mark; Spear, Tony William; Downey, Jonathan Mark; Large, Christopher John; O'connor, James Patrick; Hocking, Jake Baker; Stephenson, Matthew Roger; Free-stone, Paul Mathew; Gilbert, Adam Luke; Collins, Janine Elizabeth; Bornholdt, Melissa Catherine; Walls, Bruce Michael; Siew, Silas Sao Jin; Hipolito, Chris Onin Limpin (74) Catalyst Intellectual Property	(71) FUJIAN EACON TECHNOLOGY CO., LTD. (11) AU-A-2023432025 (21) 2023432025 (22) 17.10.2023 (54) METHOD AND APPARATUS FOR CONTROLLING WORK VEHICLE, ELECTRONIC DEVICE AND STORAGE MEDIUM (51) Int. Cl. G06Q 10/047 (2023.01) G05D 1/43 (2024.01) G05D 1/646 (2024.01) G06Q 50/02 (2012.01) G07C 5/08 (2006.01) (31) 202310777074.5 (32) 29.06.23 (33) CN (43) 16.01.2025 (72) HE, Yudong (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd	(71) Gentex Corporation (11) AU-A-2024278639 (21) 2024278639 (22) 19.12.2024 (54) Helmet accessory mounting system (51) Int. Cl. A42B 3/04 (2006.01) A42B 3/30 (2006.01) (43) 16.01.2025 (62) 2023203004 (72) FRANZINO, Michael Lawrence; BOURQUE, Stephen; JAMES, Scott W.; BERRY, Daniel; BARBER, Ross Fade; BRUTLER, Zoltan S. (74) Spruson & Ferguson
(71) FISHER & PAYKEL HEALTHCARE LIMITED (11) AU-A-2024287142 (21) 2024287142 (22) 23.12.2024 (54) PATIENT INTERFACE AND COMPONENT PARTS (51) Int. Cl. A61M 16/06 (2006.01) A61M 16/08 (2006.01) (43) 16.01.2025 (62) 2022204370 (72) PEACOCK, Mathew Ian; GULLIVER, Laurence; KLENNER, Jason Allan; LAING, Brent Ian; CLARKSON, Sooji Hope; O'CONNOR, Mark Thomas; ASSI, Milanjot Singh; MOYLE, Aidan James; DRAIN, Andrew Rolf; ENSLIN, Christi Nicol; CURTIS, Olivia Grace (74) AJ PARK	(71) Fungy Conditionnement et Commercialisation (11) AU-A-2024204115 (21) 2024204115 (22) 17.06.2024 (54) Mushroom conveying and packaging (51) Int. Cl. B65G 47/74 (2006.01) B65G 43/00 (2006.01) (31) 23306099.5 (32) 30.06.23 (33) EP (43) 16.01.2025 (72) AUDOY, Vincent (74) Spruson & Ferguson	(71) GE Video Compression, LLC (11) AU-A-2024278580 (21) 2024278580 (22) 18.12.2024 (54) Transform coefficient coding (51) Int. Cl. H03M 7/40 (2006.01) (43) 16.01.2025 (62) 2024202509 (72) NGUYEN, Tung; KIRCHHOFFER, Heiner; MARPE, Detlev (74) Griffith Hack (71) GE Video Compression, LLC (11) AU-A-2024278627 (21) 2024278627 (22) 19.12.2024 (54) Sample array coding for low-delay (51) Int. Cl. H03M 7/40 (2006.01) (43) 16.01.2025 (62) 2023258453 (72) GEORGE, Valeri; HENKEL, Anastasia; KIRCHHOFFER, Heiner; MARPE, Detlev; SCHIERL, Thomas (74) Griffith Hack
(71) Frideco AG (11) AU-A-2024278614 (21) 2024278614 (22) 19.12.2024 (54) Pump device, in particular submersible pump device (51) Int. Cl. F04D 13/08 (2006.01) F04D 29/046 (2006.01)	GEM CO., LTD. see PT ESG NEW ENERGY MATERIAL (21) 2023446737 (71) General Electric Company (11) AU-A-2024204448 (21) 2024204448 (22) 27.06.2024 (54) SYSTEM AND METHOD FOR ATOMIZED POWDER PROCESSING AND A PROCESSED POWDER (51) Int. Cl. B03B 7/00 (2006.01)	(71) Gilead Sciences, Inc. (11) AU-A-2024278560 (21) 2024278560 (22) 18.12.2024 (54) Methods of identifying HIV patients sensitive to therapy with GP120 V3 glycan-directed antibodies (51) Int. Cl. A61K 39/42 (2006.01) A61P 31/18 (2006.01) G01N 33/569 (2006.01) (43) 16.01.2025 (62) 2020277332 (72) MOLDT, Brian; PACE, Craig S. (74) Davies Collison Cave Pty Ltd (71) GILLIES, J.; HAYNES, M. (11) AU-A-2024204372 (21) 2024204372 (22) 26.06.2024

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(54) Monitoring arrangement for extra low voltage power system
(51) Int. Cl.
G01R 31/36 (2020.01)
H02J 7/00 (2006.01)
H01M 10/48 (2006.01)
(31) 2023902074 (32) 29.06.23 (33) AU
(43) 16.01.2025
(72) GILLIES, Jason; HAYNES, Meredyth
(74) Patenteur Pty Ltd

(71) GOMEZ, R.A.
(11) AU-A-2024270623
(21) 2024270623 (22) 07.03.2024
(54) IMPROVEMENTS TO THE PRODUCTION OF STEEL FROM IRON ORE
(51) Int. Cl.
C21B 13/12 (2006.01)
C21B 13/14 (2006.01)
(31) 2023902125 (32) 03.07.23 (33) AU
2023902039 28.06.23 AU
(43) 16.01.2025
(72) GOMEZ, Rodolfo Antonio
(74) Collison & Co

(71) Graco Minnesota Inc.
(11) AU-A-2024278640
(21) 2024278640 (22) 19.12.2024
(54) Electric driver for wheeled ground surface modifying machine
(51) Int. Cl.
E01C 23/22 (2006.01)
A63C 19/06 (2006.01)
(43) 16.01.2025
(62) 2019271894
(72) Roden, Joshua D.; Kruzel, Tyler J.; Schroeder, James C.; Shultz, Mark D.; Larsen, David M.
(74) Spruson & Ferguson

(71) Great Plains Manufacturing, Inc.
(11) AU-A-2024287106
(21) 2024287106 (22) 20.12.2024
(54) Compact Utility Loader
(51) Int. Cl.
E02F 9/08 (2006.01)
E02F 3/34 (2006.01)
E02F 9/20 (2006.01)
E02F 9/26 (2006.01)
(43) 16.01.2025
(62) 2024200396
(72) Carlson, Jason; Takemura, Toshihiko; Relph, John; Shobe, Matthew; Welsh, Jeff
(74) SR Intellectual Property

(71) Great Plains Manufacturing, Inc.
(11) AU-A-2024287108
(21) 2024287108 (22) 20.12.2024
(54) Compact Utility Loader
(51) Int. Cl.
E02F 9/08 (2006.01)
E02F 3/34 (2006.01)
E02F 9/20 (2006.01)
E02F 9/26 (2006.01)

(43) 16.01.2025
(62) 2024200396
(72) Carlson, Jason; Takemura, Toshihiko; Relph, John; Shobe, Matthew; Welsh, Jeff
(74) SR Intellectual Property

(71) GUANGZHOU TUSUNNY HOME PRODUCTS CO., LTD.
(11) AU-A-2023203975
(21) 2023203975 (22) 23.06.2023
(54) RETRACTABLE DOOR BAR
(51) Int. Cl.
E06B 9/60 (2006.01)
E06B 9/13 (2006.01)
E06B 9/78 (2006.01)
E06B 9/90 (2006.01)
E06B 9/00 (2006.01)
E06B 9/80 (2006.01)
(43) 16.01.2025
(72) WANG, Hongjuan
(74) Collison & Co

(71) Haldor Topsøe A/S
(11) AU-A-2024278582
(21) 2024278582 (22) 18.12.2024
(54) New bed material for thermolytic fragmentation of sugars
(51) Int. Cl.
C07C 45/60 (2006.01)
C07C 47/04 (2006.01)
C07C 47/19 (2006.01)
C07C 47/27 (2006.01)
C07C 49/17 (2006.01)
C07C 49/185 (2006.01)
(43) 16.01.2025
(62) 2020334188
(72) OSMUNDSEN, Christian Mårup; TAARNING, Esben; LARSEN, Morten Boberg
(74) Griffith Hack

HAYNES, M. see GILLIES, J.
(21) 2024204372

(71) Heliogen Holdings, Inc.
(11) AU-A-2024204360
(21) 2024204360 (22) 26.06.2024
(54) Modular inliner assembly for a centrifugal particle receiver
(51) Int. Cl.
F24S 70/60 (2018.01)
B65D 25/18 (2006.01)
(31) 63/511,576 (32) 30.06.23 (33) US
(43) 16.01.2025
(72) OLES, Andrew Stephen; KUMAR DAS, Apurba; AMSBECK, Lars Oliver Kim; KAISER, Manuel
(74) FB Rice Pty Ltd

(71) Hollister Incorporated
(11) AU-A-2024278617
(21) 2024278617 (22) 19.12.2024
(54) Medical device package with a twist cap
(51) Int. Cl.

A61M 25/00 (2006.01)
(43) 16.01.2025
(62) 2022209269
(72) O'BRIEN, Daniel E.; NAUGHTON, Vincent; MCMENAMIN, Martin; HANLEY, Joseph N.; KNAUZ, David A.; CREAVEN, Martin P.; COLLUM, Stephen; LEE, Jeanne E.; DUFFY, Siobhan; RICHARD, Marine Veronique Germaine; CANAVAN, Eugene; MARCH, Daniel A.
(74) Spruson & Ferguson

(71) HONEYWELL INTERNATIONAL INC.
(11) AU-A-2024203106
(21) 2024203106 (22) 10.05.2024
(54) SYSTEM AND METHOD FOR THE ENERGY MANAGEMENT AND CONTROL OF MICROGRIDS
(51) Int. Cl.
H02J 3/06 (2006.01)
H02J 4/00 (2006.01)
(31) 18/209712 (32) 14.06.23 (33) US
(43) 16.01.2025
(72) PRAKASH, Suraj; JOISH, Jagadeesha Halmuthur Seetharama
(74) FPA Patent Attorneys Pty Ltd

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2024278629
(21) 2024278629 (22) 19.12.2024
(54) METHOD FOR INDICATING SPATIAL REUSE PARAMETER AND DETERMINING SPATIAL REUSE PARAMETER FIELD AND APPARATUS
(51) Int. Cl.
H04W 72/12 (2023.01)
(43) 16.01.2025
(62) 2021400179
(72) Yu, Jian; Gan, Ming; Hu, Mengshi
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Human Aerospace Pty Ltd
(11) AU-A-2024204533
(21) 2024204533 (22) 29.06.2024
(54) Adjustable compression band, apparatus and garment
(51) Int. Cl.
A41D 13/00 (2006.01)
A41D 31/18 (2019.01)
A61F 13/08 (2006.01)
A41D 1/02 (2006.01)
A41D 1/06 (2006.01)
(31) 2023902065 (32) 29.06.23 (33) AU
(43) 16.01.2025
(72) MACRAE, Braid; WALDIE, James
(74) FB Rice Pty Ltd

(71) Hurst, M.
(11) AU-A-2023204194
(21) 2023204194 (22) 30.06.2023
(54) An insulation spacer assembly
(51) Int. Cl.
E04D 13/16 (2006.01)
E04D 3/36 (2006.01)

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(61) 2020203268
(72) Hurst, Mario
(74) Spruson & Ferguson

(71) Hurst, M.
(11) AU-A-2023204195
(21) 2023204195 (22) 30.06.2023
(54) An insulation spacer assembly
(51) Int. Cl.
E04D 13/16 (2006.01)
E04D 3/36 (2006.01)
(43) 16.01.2025
(72) HURST, Mario
(74) Spruson & Ferguson

(71) Hygieia Health Co., Limited; Nutratelligence
(11) AU-A-2024287189
(21) 2024287189 (22) 23.12.2024
(54) Systems, methods, compositions and devices for personalized nutrition formulation and delivery system
(51) Int. Cl.
A61J 3/02 (2006.01)
A61J 3/06 (2006.01)
A61J 3/07 (2006.01)
A61K 9/14 (2006.01)
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
(43) 16.01.2025
(62) 2019208104
(72) CHIEN, Xiaoming; ZHOU, Jingshi Joe
(74) Spruson & Ferguson

(71) IDEMIA France
(11) AU-A-2024204382
(21) 2024204382 (22) 26.06.2024
(54) Connectable electronic module comprising clusters of secure elements
(51) Int. Cl.
G06F 21/72 (2013.01)
G06F 21/57 (2013.01)
G06F 21/60 (2013.01)
H04L 9/00 (2022.01)
(31) 2306916 (32) 29.06.23 (33) FR
(43) 16.01.2025
(72) COURQUIN, Yannick; BOURDARAUD, Vincent
(74) FPA Patent Attorneys Pty Ltd

(71) INFINEUM INTERNATIONAL LIMITED
(11) AU-A-2024204203
(21) 2024204203 (22) 20.06.2024
(54) Catalytic anodes and processes for use in electro-chlorination
(51) Int. Cl.
C25B 11/077 (2021.01)
C02F 1/461 (2023.01)
C02F 1/467 (2023.01)
C25B 1/26 (2006.01)
C25B 11/031 (2021.01)
C25B 11/069 (2021.01)
C25B 11/093 (2021.01)
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(21) 2024204206 (22) 20.06.2024
(54) Catalytic anodes and processes for use in electro-chlorination
(51) Int. Cl.
C25B 11/077 (2021.01)
B01J 23/75 (2006.01)
B01J 23/835 (2006.01)
B01J 23/843 (2006.01)
C02F 1/461 (2023.01)
C02F 1/467 (2023.01)
C25B 1/26 (2006.01)
C25B 11/031 (2021.01)
C25B 11/055 (2021.01)
C25B 11/093 (2021.01)
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C25B 11/077 (2021.01)
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G06Q 10/08 (2023.01)
G06N 20/00 (2019.01)
G06Q 40/06 (2012.01)
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E04G 11/34 (2006.01)
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E04G 11/24 (2006.01)
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B28B 5/04 (2006.01)
(43) 16.01.2025
(72) Samuel, Nader; Sullivan, Matt; Stewart, Adam
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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A61M 16/00 (2006.01)
G16H 40/40 (2018.01)
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(72) Blandin, Yann; Schmitt, Mary; Marchal, Frederic; Prouvez, Nathan
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A61K 31/44 (2006.01)
A61P 43/00 (2006.01)
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A47B 3/00 (2006.01)
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G06F 40/00 (2020.01)
G06F 8/38 (2018.01)
G06F 9/00 (2006.01)
G06N 20/00 (2019.01)
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(72) Douthit, Ronnie Douglas
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G06V 10/70 (2022.01)
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B65G 17/38 (2006.01)
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(74) Patent Attorney Services

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H01M 4/583 (2010.01)
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(51) Int. Cl.
B25B 31/00 (2006.01)
B21J 15/04 (2006.01)
B21J 15/12 (2006.01)
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F28D 20/02 (2006.01)
F28D 15/02 (2006.01)
F28F 9/013 (2006.01)
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B29C 41/20 (2006.01)
C11C 5/00 (2006.01)
F23D 3/08 (2006.01)
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(54) EYEWEAR LENS COUPLING MECHANISM AND RELATED METHODS
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H04N 21/431 (2011.01)
G06F 9/445 (2018.01)
G06F 16/957 (2019.01)
H04L 67/53 (2022.01)
H04N 21/2665 (2011.01)
H04N 21/414 (2011.01)
H04N 21/81 (2011.01)
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H04L 67/02 (2022.01)
H04W 4/80 (2018.01)
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A61K 8/11 (2006.01)
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(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
A61B 17/16 (2006.01)
A61B 17/68 (2006.01)
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B27M 3/00 (2006.01)
B25J 5/02 (2006.01)
B25J 9/00 (2006.01)
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B25J 9/12 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 15/02 (2006.01)
B25J 15/06 (2006.01)
B25J 15/10 (2006.01)
B27B 5/18 (2006.01)
B27B 31/00 (2006.01)
G05B 19/19 (2006.01)
G05B 19/21 (2006.01)
G05B 19/401 (2006.01)
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G05B 19/4093 (2006.01)
G05B 19/4097 (2006.01)
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F16C 11/06 (2006.01)
F15B 15/26 (2006.01)
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G16H 20/10 (2018.01)
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G05B 23/02 (2006.01)
G01C 21/00 (2006.01)
G08B 5/22 (2006.01)
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G02C 7/04 (2006.01)
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(21) 2024287189

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(21) 2024287123

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(11) AU-A-2024287123
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(54) Systems and methods for distribution system markets in electric power systems
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H02J 3/00 (2006.01)
G05B 15/02 (2006.01)
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(54) Brake booster assembly
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B60T 13/56 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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B60L 15/20 (2006.01)
G01C 21/34 (2006.01)
(43) 16.01.2025
(62) 2019222634
(72) GOEI, Esmond
(74) FB Rice Pty Ltd

(71) ProbioTech USA LLC
(11) AU-A-2024287150
(21) 2024287150 (22) 23.12.2024
(54) Improving health of the microbiome in a human gastrointestinal system and multi-chamber probiotic delivery products therefor
(51) Int. Cl.
A61K 9/02 (2006.01)
A61K 35/74 (2015.01)
A61K 35/741 (2015.01)
A61K 35/744 (2015.01)
A61K 35/745 (2015.01)
A61K 35/747 (2015.01)
(43) 16.01.2025
(62) 2019289119
(72) LYNCH, Deborah L.
(74) Adams Pluck

(71) Prowse Holdings Pty Ltd
(11) AU-A-2024204181
(21) 2024204181 (22) 19.06.2024
(54) Wheel Component Handling Device
(51) Int. Cl.
B60B 29/00 (2006.01)

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B60B 30/10 (2006.01)
B62B 3/10 (2006.01)
B66F 7/26 (2006.01)
(31) 2023902037 **(32)** 28.06.23 **(33)** AU
(43) 16.01.2025
(72) Slee, David
(74) Armour IP

(71) PT ESG NEW ENERGY MATERIAL;
PT QMB NEW ENERGY MATERIALS;
GEM CO., LTD.; PT GEM INDONESIA
NEW ENERGY MATERIALS
(11) AU-A-2023446737
(21) 2023446737 **(22)** 29.06.2023
(54) DRUM ORE WASHER FOR WET
SMELTING OF LATERITE-NICKEL
ORE
(51) Int. Cl.
G01N 1/00 (2006.01)
(43) 16.01.2025
(72) BRODJONEGORO, Satryo Soeman-
tri; XU, Kaihua; WANALDI, Rizky;
AJI, Tegar Mukti; HASIBUAN, Andi
Syaputra; KRISTIYANTO, Evan Wahyu;
XU, Pengyun; BAKING, Aad Alief Rasy-
idi; SINAGA, Arnaldo Marulitua
(74) Madderns Pty Ltd

**PT GEM INDONESIA NEW ENERGY MA-
TERIALS see PT ESG NEW ENERGY MA-
TERIAL**
(21) 2023446737

**PT QMB NEW ENERGY MATERIALS see
PT ESG NEW ENERGY MATERIAL**
(21) 2023446737

(71) QEDMA Quantum Computing Ltd.
(11) AU-A-2024204331
(21) 2024204331 **(22)** 25.06.2024
(54) Methods and systems for multi-type
probabilistic quantum error mitigation
(51) Int. Cl.
G06N 10/70 (2022.01)
(31) 63/524,046 **(32)** 29.06.23 **(33)** US
(43) 16.01.2025
(72) AHARONOV, Dorit; GOLAN, Omri;
KATZIR, Barak; KENNETH, Oded; LIF-
SHITZ, Yotam Yona; LINDNER, Netanel
Hanan; RUBINSTEIN, Ittai; SCHUL
GANZ, Gili; SHUTMAN, Maor
(74) Spruson & Ferguson

(71) RADEXEL INC.
(11) AU-A-2024204339
(21) 2024204339 **(22)** 25.06.2024
(54) ELECTRON BEAM OUTPUT DEVICE
FOR MEDICAL USE
(51) Int. Cl.
A61N 5/10 (2006.01)
(31) 10-2023-0084840 **(32)** 30.06.23 **(33)** KR
10-2024-0074851 10.06.24 KR
(43) 16.01.2025
(72) JUNG, Nuri Hyun; LEE, Minsik;
BAHNG, Jungbae
(74) LAMINAR IP PTY LTD

(71) Reflex Instruments Asia Pacific Pty Ltd
(11) AU-A-2024278649
(21) 2024278649 **(22)** 20.12.2024
(54) FIT FOR PURPOSE MEASUREMENT
SYSTEM FOR DRILL HOLE LOGGING
(51) Int. Cl.
G01V 5/04 (2006.01)
E21B 47/06 (2012.01)
E21B 47/07 (2012.01)
E21B 47/08 (2012.01)
E21B 47/11 (2012.01)
E21B 47/12 (2012.01)
G01V 5/06 (2006.01)
G01V 5/12 (2006.01)
(43) 16.01.2025
(62) 2020396915
(72) LAWIE, David Charles; KOPLAN,
Christopher Thomas; JACKSON, John
Carl; WILSON, Cory Bryce; HITCHEN,
Joel; PELL, Christopher; BLAINE, Fred-
erick; GUTTERUD, Erik
(74) AJ PARK

**ResMed Asia Pacific Limited see ResMed
Pty Ltd**
(21) 2024204066

(71) ResMed Pty Ltd; ResMed Asia Pacific
Limited; ResMed Sensor Technologies
Limited
(11) AU-A-2024204066
(21) 2024204066 **(22)** 14.06.2024
(54) FEEDBACK FOR SLEEP CONDI-
TIONS
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/087 (2006.01)
A61B 5/318 (2021.01)
A61B 5/369 (2021.01)
A61B 5/389 (2021.01)
A61B 5/398 (2021.01)
A61M 16/00 (2006.01)
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)
A61B 5/01 (2006.01)
A61B 5/08 (2006.01)
A61B 5/11 (2006.01)
(31) 2023901953 **(32)** 20.06.23 **(33)** AU
(43) 16.01.2025
(72) NAPPER, Richard Charles; WIMMS,
Alison Jane; GILL, Christopher An-
drew Wakeley; COFFEY, Sam; LYON,
Graeme Alexander; FOX, Niall Andrew;
TIRON, Roxana
(74) Griffith Hack

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ResMed Pty Ltd**
(21) 2024204066

(71) Revivacor Inc
(11) AU-A-2024278565
(21) 2024278565 **(22)** 18.12.2024

(54) Genetically modified pigs for xenotrans-
plantation of vascularized xenografts
and derivatives thereof
(51) Int. Cl.
C12N 15/85 (2006.01)
A01K 67/027 (2006.01)
C12N 5/10 (2006.01)
(43) 16.01.2025
(62) 2022202580
(72) AYARES, David
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2024203466
(21) 2024203466 **(22)** 24.05.2024
(54) Chair for the sitting of a user
(51) Int. Cl.
A47C 7/14 (2006.01)
A47C 1/024 (2006.01)
A47C 7/28 (2006.01)
A47C 7/44 (2006.01)
(31) 102023000013479 **(32)** 29.06.23 **(33)** IT
(43) 16.01.2025
(72) COSTAGLIA, Massimo
(74) A.P.T. Patent and Trade Mark Attor-
neys

(71) Rhythm Pharmaceuticals, Inc.
(11) AU-A-2024278597
(21) 2024278597 **(22)** 19.12.2024
(54) Method of treating melanocortin-4 re-
ceptor pathway-associated disorders
(51) Int. Cl.
C07K 7/54 (2006.01)
A61K 38/12 (2006.01)
A61P 3/04 (2006.01)
(43) 16.01.2025
(62) 2022279420
(72) PLOEG, Leonardus H.T. Van Der;
HENDERSON, Bart; SHARMA, Shubh
(74) Spruson & Ferguson

(71) RUBI GLAS GMBH
(11) AU-A-2024287070
(21) 2024287070 **(22)** 20.12.2024
(54) Visual protection device for task forces
(51) Int. Cl.
G02C 7/10 (2006.01)
A61F 9/06 (2006.01)
(43) 16.01.2025
(62) 2022285035
(72) JAHR, Martin Manfred
(74) Davies Collison Cave Pty Ltd

(71) SAGEMCOM BROADBAND SAS
(11) AU-A-2024204225
(21) 2024204225 **(22)** 20.06.2024
(54) METHOD FOR TRANSMITTING DATA
IN A CELLULAR COMMUNICATION
NETWORK
(51) Int. Cl.
H04B 7/0404 (2017.01)
H04B 7/02 (2018.01)
H04B 17/15 (2015.01)
H04B 17/29 (2015.01)
H04B 17/309 (2015.01)
H04B 17/373 (2015.01)

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(43) 16.01.2025
(72) DE GRAEVE, Frédéric
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(71) Sagemcom Energy & Telecom SAS
(11) AU-A-2024203995
(21) 2024203995 (22) 13.06.2024
(54) Flow rate measurement by amplitude difference
(51) Int. Cl.
G01F 1/667 (2022.01)
G01F 15/00 (2006.01)
(31) 2306602 (32) 23.06.23 (33) FR
(43) 16.01.2025
(72) SABRAOUI, Abbas; ABID, Oussama;
BASTURK, Ahmet Samed
(74) Spruson & Ferguson

(71) Sagemcom Energy & Telecom SAS
(11) AU-A-2024204459
(21) 2024204459 (22) 27.06.2024
(54) Detecting humidity by measuring impedance between two tracks
(51) Int. Cl.
G01N 27/22 (2006.01)
G01D 5/18 (2006.01)
G01R 19/165 (2006.01)
G01R 27/02 (2006.01)
(31) 2306944 (32) 30.06.23 (33) FR
(43) 16.01.2025
(72) SABRAOUI, Abbas; WEBER, Patrick
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(71) Samsonite IP Holdings S.à r.l.
(11) AU-A-2024204416
(21) 2024204416 (22) 27.06.2024
(54) LUGGAGE ARTICLE WITH SEPARABLE MAIN BODY COMPARTMENTS
(51) Int. Cl.
A45C 7/00 (2006.01)
A45C 5/03 (2006.01)
A45C 13/02 (2006.01)
(31) 23181810.5 (32) 27.06.23 (33) EP
(43) 16.01.2025
(72) MICHIELI, Giorgio
(74) BOSH IP Pty Ltd

(71) SAP SE
(11) AU-A-2024204134
(21) 2024204134 (22) 18.06.2024
(54) Cloud database storage system
(51) Int. Cl.
G06F 16/11 (2019.01)
G06F 11/14 (2006.01)
G06F 16/182 (2019.01)
(31) 18/341,900 (32) 27.06.23 (33) US
(43) 16.01.2025
(72) SCHRETER, Ivan
(74) Griffith Hack

(71) Schneider Electric Systems USA, Inc.
(11) AU-A-2024202893
(21) 2024202893 (22) 02.05.2024
(54) SECURITY CO-ENGINEERING
(51) Int. Cl.

G06Q 10/20 (2023.01)
G06F 3/00 (2006.01)
G06F 21/10 (2013.01)
(31) 18/217,018 (32) 30.06.23 (33) US
(43) 16.01.2025
(72) Drias, Zakarya
(74) RnB IP Pty Ltd

(71) SeeCure Taiwan Co., Ltd.
(11) AU-A-2024204135
(21) 2024204135 (22) 18.06.2024
(54) DRUG CONJUGATE, PHARMACEUTICAL COMPOSITION AND METHOD OF TREATING HEPATITIS
(51) Int. Cl.
C07H 15/04 (2006.01)
A61K 9/08 (2006.01)
A61K 31/404 (2006.01)
A61K 31/522 (2006.01)
A61K 31/675 (2006.01)
A61K 31/7072 (2006.01)
A61K 38/05 (2006.01)
A61K 47/18 (2017.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
A61P 31/14 (2006.01)
A61P 31/20 (2006.01)
C07H 15/08 (2006.01)
C07H 15/12 (2006.01)
C07H 15/26 (2006.01)
(31) 63/524,210 (32) 29.06.23 (33) US
18/679,403 30.05.24 US
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(74) Collison & Co

(71) Seminis Vegetable Seeds, Inc.
(11) AU-A-2024204371
(21) 2024204371 (22) 26.06.2024
(54) Broccoli hybrid SVBL4467 and parents thereof
(51) Int. Cl.
A01H 6/20 (2018.01)
A01H 1/02 (2006.01)
A01H 1/04 (2006.01)
A01H 5/10 (2018.01)
(31) 63/523556 (32) 27.06.23 (33) US
(43) 16.01.2025
(72) BOON, Meinardus Petrus
(74) Davies Collison Cave Pty Ltd

(71) SHANDONG UNIVERSITY
(11) AU-A-2024203454
(21) 2024203454 (22) 23.05.2024
(54) METHOD AND SYSTEM FOR IDENTIFYING HIGH IMPEDANCE FAULT AND SWITCHING DISTURBANCE BASED ON LISSAJOUS CURVE
(51) Int. Cl.
G01N 27/02 (2006.01)
G01R 31/00 (2006.01)
(31) 2023107599802 (32) 27.06.23 (33) CN

(43) 16.01.2025
(72) SHI, Fang; ZHANG, Hengxu; HAN, Zhaoru; JIN, Zongshuai
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(71) Shower Away Pty Ltd
(11) AU-A-2023204132
(21) 2023204132 (22) 28.06.2023
(54) Online Hotel Shower Reservation System
(51) Int. Cl.
G06Q 10/02 (2012.01)
G06Q 30/0601 (2023.01)
G06Q 50/12 (2012.01)
G06Q 10/06 (2023.01)
G06Q 10/0631 (2023.01)
G06Q 10/109 (2023.01)
(43) 16.01.2025
(72) DeMoor, Peter
(74) Shower Away Pty Ltd

(71) slennett-roberts, t.
(11) AU-A-2023204002
(21) 2023204002 (22) 23.06.2023
(54) Bladeless Autobot Transportation Logistics
(51) Int. Cl.
B60L 8/00 (2006.01)
F03D 9/32 (2016.01)
(43) 16.01.2025
(72) slennett-roberts, trent
(74) trent William slennett-roberts

(71) SOLAR JAPAN CO., LTD.
(11) AU-A-2024219461
(21) 2024219461 (22) 30.04.2024
(54) NETWORKED SOLAR POWER GENERATION PLANT SYSTEM AND METHOD OF OPERATING THE SAME
(51) Int. Cl.
H02S 10/00 (2014.01)
H02J 3/32 (2006.01)
H02S 10/20 (2014.01)
H02S 40/38 (2014.01)
(31) 2023-107667 (32) 30.06.23 (33) JP
(43) 16.01.2025
(72) NISHIHARA Hidetsugu
(74) LAMINAR IP PTY LTD

(71) Spark, I.
(11) AU-A-2024203929
(21) 2024203929 (22) 09.06.2024
(54) Improved off-road vehicle
(51) Int. Cl.
B62D 7/15 (2006.01)
B60L 15/20 (2006.01)
B62D 7/14 (2006.01)
(31) 2023901999 (32) 25.06.23 (33) AU
(43) 16.01.2025
(72) Spark, Ian
(74) Ian James Spark

(71) STATE GRID SHANGHAI MUNICIPAL ELECTRIC POWER COMPANY; PDSTARS ELECTRIC CO., LTD.
(11) AU-A-2024202297

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(54) METHOD AND SYSTEM FOR EARLY WARNING INTERNAL HEATING OF ISOLATION SWITCH OF GIS
(51) Int. Cl.
H02B 13/065 (2006.01)
G08B 21/18 (2006.01)
H02B 11/00 (2006.01)
H02B 13/025 (2006.01)
(31) 202310758684.0 (32) 26.06.23 (33) CN
(43) 16.01.2025
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(74) GLMR

Stevenson, W.L. see Stevenson, R.A.
(21) 2024278606

(71) Stevenson, R.A.; Stevenson, W.L.
(11) AU-A-2024278606
(21) 2024278606 (22) 19.12.2024
(54) Urination relief hatch for waterproof waders and foul weather gear
(51) Int. Cl.
A41D 1/00 (2018.01)
A41D 1/06 (2006.01)
A41D 1/08 (2018.01)
(43) 16.01.2025
(62) 2022206773
(72) Stevenson, Robert; Stevenson, Wendy
(74) Davies Collison Cave Pty Ltd

(71) Stiles, I.
(11) AU-A-2024204024
(21) 2024204024 (22) 13.06.2024
(54) WHEELIE BIN LATCH ASSEMBLY
(51) Int. Cl.
B65F 1/16 (2006.01)
(31) 2023902112 (32) 30.06.23 (33) AU
(43) 16.01.2025
(72) Stiles, Ian
(74) Mann IP

(71) Studco Australia Pty Ltd
(11) AU-A-2024287100
(21) 2024287100 (22) 20.12.2024
(54) WALL AND CEILING CONSTRUCTION
(51) Int. Cl.
E04B 2/74 (2006.01)
(43) 16.01.2025
(62) 2022241551
(72) Xiao, Lei
(74) Patent Attorney Services

(71) Studco Australia Pty Ltd
(11) AU-A-2024287102
(21) 2024287102 (22) 20.12.2024
(54) WALL AND CEILING CONSTRUCTION
(51) Int. Cl.
E04B 2/74 (2006.01)

(43) 16.01.2025
(62) 2022241551
(72) Xiao, Lei
(74) Patent Attorney Services

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(21) 2024287171 (22) 23.12.2024
(54) WALL AND CEILING CONSTRUCTION
(51) Int. Cl.
E04B 2/74 (2006.01)
(43) 16.01.2025
(62) 2022241551
(72) Xiao, Lei
(74) Patent Attorney Services

(71) Sungrow Energy Storage Technology Co., Ltd.
(11) AU-A-2023258435
(21) 2023258435 (22) 03.11.2023
(54) Explosion venting plate and energy storage cabinet
(51) Int. Cl.
H05K 5/00 (2006.01)
(31) 202321656319.0 (32) 26.06.23 (33) CN
(43) 16.01.2025
(72) Jian LIN; Zhen YAN; Fajian BA
(74) Davies Collison Cave Pty Ltd

(71) Sungrow Energy Storage Technology Co., Ltd.
(11) AU-A-2023258465
(21) 2023258465 (22) 06.11.2023
(54) Energy storage system
(51) Int. Cl.
H05K 7/20 (2006.01)
(31) 202321666247.8 (32) 27.06.23 (33) CN
(43) 16.01.2025
(72) Jian GUO; Ri FANG; Yuan GAO
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2023263547
(21) 2023263547 (22) 10.11.2023
(54) Energy storage system
(51) Int. Cl.
H05K 7/20 (2006.01)
H01M 10/6567 (2014.01)
H01R 9/16 (2006.01)
H02J 7/00 (2006.01)
H02J 15/00 (2006.01)
H05K 7/02 (2006.01)
(31) 202310778561.3 (32) 28.06.23 (33) CN
(43) 16.01.2025
(72) Jian GUO; Ri FANG; Yuan GAO
(74) FB Rice Pty Ltd

(71) SUNGROW ENERGY STORAGE TECHNOLOGY CO., LTD.
(11) AU-A-2024200086
(21) 2024200086 (22) 05.01.2024
(54) Data acquisition circuit and method for battery module
(51) Int. Cl.
G01R 31/382 (2019.01)

G01K 7/00 (2006.01)
G01K 7/22 (2006.01)
G01R 31/364 (2019.01)
G01R 31/374 (2019.01)
G01R 31/392 (2019.01)
G01R 31/396 (2019.01)
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(43) 16.01.2025
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(74) Davies Collison Cave Pty Ltd

(71) Sungrow Power Supply Co., Ltd.
(11) AU-A-2023266342
(21) 2023266342 (22) 16.11.2023
(54) System of machines connected in parallel, and method for transition between on-grid mode and off-grid mode
(51) Int. Cl.
H02J 3/38 (2006.01)
H02J 3/28 (2006.01)
(31) 202310740240.4 (32) 20.06.23 (33) CN
(43) 16.01.2025
(72) Zhen JING; Tinghuan TAO; Hao MENG; Jincheng XU; Xu WANG
(74) Davies Collison Cave Pty Ltd

(71) Suzhou Cyantronic Technology Co. Ltd.; Kosnic Lighting Limited
(11) AU-A-2024204335
(21) 2024204335 (22) 25.06.2024
(54) Luminaire Function Module Mounting Buckle Assembly, Luminaire with Same, and Assembling Method
(51) Int. Cl.
F21V 21/08 (2006.01)
(31) 202310782168.1 (32) 29.06.23 (33) CN
(43) 16.01.2025
(72) Kuang, Wentao; Li, Rui
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) SUZHOU DONGLING VIBRATION TEST INSTRUMENT CO., LTD.; CHINA UNIVERSITY OF MINING AND TECHNOLOGY
(11) AU-A-2023387764
(21) 2023387764 (22) 01.12.2023
(54) SELF-ADAPTIVE COOLING SYSTEM FOR MOVING COIL OF HIGH-THRUST ELECTRODYNAMIC VIBRATION TABLE AND CONTROL METHOD THEREOF
(51) Int. Cl.
F25D 17/02 (2006.01)
F25D 29/00 (2006.01)
G01M 7/02 (2006.01)
(31) 202310778690.2 (32) 28.06.23 (33) CN
(43) 16.01.2025
(72) FU, Xiaohong; TANG, Yu; YE, Tengbo; SHEN, Gang; MENG, Guang; LI, Hongguang; ZHU, Zhencai; LU, Hao; CHEN, Pengpeng; PENG, Yuxing; CHANG, Xi-angdong
(74) Baxter Patent Attorneys Pty Ltd

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(11) AU-A-2024204233
(21) 2024204233 (22) 20.06.2024
(54) AUTOMOBILE SPACE EXTENSION MECHANISM
(51) Int. Cl.
B60P 3/34 (2006.01)
E04H 15/06 (2006.01)
(31) 202310779524.4 (32) 29.06.23 (33) CN
(43) 16.01.2025
(72) Shen, Jung Fu; Shen, Meng Wei; Shen, Meng Han
(74) Madderns Pty Ltd

(71) TAM International, Inc.
(11) AU-A-2024204265
(21) 2024204265 (22) 21.06.2024
(54) Strain absorbing downhole packer
(51) Int. Cl.
E21B 33/126 (2006.01)
E21B 33/127 (2006.01)
(31) 18/748,695 (32) 20.06.24 (33) US
63/522,928 23.06.23 US
(43) 16.01.2025
(72) GARCIA, Luis A.; DAVIS, Tim
(74) Spruson & Ferguson

(71) Technological Resources Pty. Limited
(11) AU-A-2024287149
(21) 2024287149 (22) 23.12.2024
(54) Automated Updating of Geological Model Boundaries for Improved Ore Extraction
(51) Int. Cl.
E21C 41/16 (2006.01)
F42D 3/04 (2006.01)
G01V 99/00 (2024.01)
(43) 16.01.2025
(62) 2019404613
(72) Robinson, Danielle; Balamurali, Me-hala; Melkumyan, Arman; Lowe, Alexander; Leung, Raymond; Vasey, Tamara
(74) Michael Buck IP

(71) Techtronic Cordless GP
(11) AU-A-2024204148
(21) 2024204148 (22) 18.06.2024
(54) Positive electrode material for lithium-ion batteries
(51) Int. Cl.
H01M 50/578 (2021.01)
H01M 4/131 (2010.01)
H01M 4/133 (2010.01)
H01M 4/1391 (2010.01)
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H01M 4/62 (2006.01)
H01M 10/052 (2010.01)
(31) 202310781058.3 (32) 28.06.23 (33) CN
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(74) Spruson & Ferguson

(71) Techtronic Cordless GP
(11) AU-A-2024204279

(21) 2024204279 (22) 21.06.2024
(54) Method for preparing lithium carbonate suspension
(51) Int. Cl.
C01D 15/08 (2006.01)
H01M 4/131 (2010.01)
H01M 4/139 (2010.01)
H01M 4/1391 (2010.01)
H01M 4/60 (2006.01)
H01M 4/62 (2006.01)
H01M 10/052 (2010.01)
(31) 202310779194.9 (32) 28.06.23 (33) CN
(43) 16.01.2025
(72) WU, Zong Jian; WANG, Xi Qing
(74) Spruson & Ferguson

(71) TE Connectivity Solutions GmbH
(11) AU-A-2024204417
(21) 2024204417 (22) 27.06.2024
(54) Protection devices for electrical connection assemblies and related electrical connection assemblies
(51) Int. Cl.
H02G 15/113 (2006.01)
H01R 13/506 (2006.01)
H05K 5/00 (2006.01)
(31) 63/510,995 (32) 29.06.23 (33) US
18/627,948 05.04.24 US
(43) 16.01.2025
(72) DRAUGHN, Austin; PULLIUM, III, George; MAHER, Kathryn Marie
(74) Griffith Hack

(71) Tencent America LLC
(11) AU-A-2024278647
(21) 2024278647 (22) 19.12.2024
(54) ADAPTIVE COLOUR TRANSFORM RELATED SIGNALLING FOR BOTH OF CU LEVEL AND TU LEVEL
(51) Int. Cl.
H04N 7/24 (2011.01)
(43) 16.01.2025
(62) 2023203482
(72) CHEN, Lien-Fei; LI, Xiang; LIU, Shan
(74) Griffith Hack

(71) Terns, Inc.
(11) AU-A-2024287115
(21) 2024287115 (22) 20.12.2024
(54) Compounds for treating certain leukemias
(51) Int. Cl.
A61K 31/4184 (2006.01)
A61K 31/4164 (2006.01)
C07D 235/04 (2006.01)
C07D 235/08 (2006.01)
(43) 16.01.2025
(62) 2019342102
(72) ROMERO, F. Anthony; KIRSCHBERG, Thorsten A.; HALCOMB, Randall; XU, Yingzi
(74) FPA Patent Attorneys Pty Ltd

(71) Terra Quantum AG
(11) AU-A-2024203223
(21) 2024203223 (22) 15.05.2024

(54) Qubit device, method for fabricating the qubit device, and contact layer for the method
(51) Int. Cl.
G06N 10/40 (2022.01)
G06N 10/20 (2022.01)
H01L 33/04 (2010.01)
H10N 60/80 (2023.01)
(31) 23180640.7 (32) 21.06.23 (33) EP
(43) 16.01.2025
(72) BROSCO, Valentina; VINOKOUR, Valerii; POCCIA, Nicola; VOOL, Uri
(74) Griffith Hack

(71) The Board of Trustees of the Leland Stanford Junior University
(11) AU-A-2024278535
(21) 2024278535 (22) 18.12.2024
(54) Compositions and methods for muscle regeneration using prostaglandin E2
(51) Int. Cl.
A61K 31/7088 (2006.01)
A61K 35/12 (2015.01)
A61K 35/28 (2015.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
(43) 16.01.2025
(62) 2022268368
(72) BLAU, Helen M.; HO, Andrew Tri Van; PALLA, Adelaida R.
(74) FPA Patent Attorneys Pty Ltd

(71) The Boeing Company
(11) AU-A-2024202303
(21) 2024202303 (22) 10.04.2024
(54) Vision-based vehicle guidance
(51) Int. Cl.
G06V 10/40 (2022.01)
B64U 70/95 (2023.01)
G05D 3/00 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06V 20/17 (2022.01)
G06V 20/50 (2022.01)
G08G 5/00 (2006.01)
(31) 18/214,113 (32) 26.06.23 (33) US
(43) 16.01.2025
(72) LI, Rongsheng; MEFFORD, David K.
(74) Spruson & Ferguson

(71) The Boeing Company
(11) AU-A-2024202814
(21) 2024202814 (22) 30.04.2024
(54) Systems and methods for determining emergency escape paths for aircraft
(51) Int. Cl.
G08G 5/00 (2006.01)
(31) 18/340,181 (32) 23.06.23 (33) US
(43) 16.01.2025
(72) MCCABE, Mark David; BELLE-MARE-DAVIS, Alexander; HU, Meng Xi; CHU, Yun; PAN, Tina
(74) Spruson & Ferguson

(71) The Insides Company Limited
(11) AU-A-2024287071
(21) 2024287071 (22) 20.12.2024

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(54) NUTRIENT RECYCLING DEVICE

(51) Int. Cl.

A61M 1/00 (2006.01)**A61F 5/44** (2006.01)

(43) 16.01.2025

(62) 2022263575

(72) BISSETT, Ian Peter; GREENSLADE, Mackenzie Liam; DAVIDSON, Robert Bruce; O'GRADY, Gregory Brian; DAV-
IDSON, John Bilkey

(74) AJ PARK

(71) The Raymond Corporation

(11) AU-A-2024204255

(21) 2024204255 (22) 21.06.2024

(54) Systems and Methods for Material
Handling Vehicle Tiller Arm Angle De-
tection

(51) Int. Cl.

B62D 1/14 (2006.01)**B62B 5/06** (2006.01)**B62D 6/10** (2006.01)**B62D 51/00** (2006.01)**B66F 9/12** (2006.01)

(31) 63/523,589 (32) 27.06.23 (33) US

(43) 16.01.2025

(72) BARTELS, Alan W.; GOEKE, Jerry L.

(74) GLMR

(71) The Regents of the University of Cali-
fornia; Aclarion, Inc.

(11) AU-A-2024278636

(21) 2024278636 (22) 19.12.2024

(54) MAGNETIC RESONANCE SPEC-
TROSCOPY SYSTEM AND METHOD
FOR DIAGNOSING PAIN OR INFEC-
TION ASSOCIATED WITH PROPION-
IC ACID

(51) Int. Cl.

A61B 5/055 (2006.01)**A61B 5/00** (2006.01)

(43) 16.01.2025

(62) 2022215301

(72) Lotz, Jeffrey C.; Magnitsky, Sergey
G.; Dudli, Stefan; Peacock III., James
Clayton; Bradford, David S.

(74) Halfords IP

(71) The Toro Company

(11) AU-A-2024204366

(21) 2024204366 (22) 26.06.2024

(54) Turf roller

(51) Int. Cl.

A01G 20/35 (2018.01)**A01B 29/02** (2006.01)**A01B 73/00** (2006.01)

(31) 63/510,272 (32) 26.06.23 (33) US

(43) 16.01.2025

(72) Pogatchnik III, Joseph W.; Street, Ben-
jamin Allan

(74) Davies Collison Cave Pty Ltd

(71) Toshiba Energy Systems & Solutions
Corporation; Inpex Corporation

(11) AU-A-2024204337

(21) 2024204337 (22) 25.06.2024

(54) Acidic gas recovery apparatus and
acidic gas recovery method

(51) Int. Cl.

B01D 53/14 (2006.01)**B01D 53/78** (2006.01)

(31) 2023-105427 (32) 27.06.23 (33) JP

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Yosuke; Oyamada, Yutaka; Yamamoto,
Yasushi

(74) Davies Collison Cave Pty Ltd

(71) Trina Solar Co., Ltd

(11) AU-A-2023263466

(21) 2023263466 (22) 08.11.2023

(54) Solar cell and method for producing the
solar cell

(51) Int. Cl.

H01L 31/06 (2012.01)

(31) 202310741576.2 (32) 21.06.23 (33) CN

(43) 16.01.2025

(72) Chengfa Liu; Hong Chen; Daming
Chen; Yifeng Chen

(74) Davies Collison Cave Pty Ltd

(71) TScan Therapeutics, Inc.

(11) AU-A-2024278650

(21) 2024278650 (22) 20.12.2024

(54) PRAME IMMUNOGENIC PEPTIDES,
BINDING PROTEINS RECOGNIZING
PRAME IMMUNOGENIC PEPTIDES,
AND USES THEREOF

(51) Int. Cl.

C07K 14/47 (2006.01)**C12N 5/0783** (2010.01)**C12N 15/12** (2006.01)**C12Q 1/04** (2006.01)**G01N 33/574** (2006.01)**C12R 1/00** (2006.01)

(43) 16.01.2025

(62) 2023241306

(72) Jurewicz, Mollie M.; Gurer, Cagan;
MacBeath, Gavin

(74) RnB IP Pty Ltd

(71) Umano Medical Inc.

(11) AU-A-2024287103

(21) 2024287103 (22) 20.12.2024

(54) Brake system for a patient support ap-
paratus

(51) Int. Cl.

A61G 7/08 (2006.01)**A61G 7/05** (2006.01)

(43) 16.01.2025

(62) 2019300502

(72) MERCIER, Gabriel; DEMERS, Ghislain

(74) Franke Hyland Pty Ltd

(71) Unilever IP Holdings B.V.

(11) AU-A-2024287160

(21) 2024287160 (22) 23.12.2024

(54) Food composition

(51) Int. Cl.

A23L 29/256 (2016.01)**A23L 23/10** (2016.01)**A23L 27/00** (2016.01)**A23L 27/23** (2016.01)

(43) 16.01.2025

(62) 2023200475

(72) SAILER, Winfried; SCHÄNZEL, Monika
Renate; SCHMIDT, István; TOTH, Mar-
cell László

(74) Davies Collison Cave Pty Ltd

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Médicale)**

(21) 2024278598

(71) UPL Ltd

(11) AU-A-2024287136

(21) 2024287136 (22) 22.12.2024

(54) COMPOSITION COMPRISING EU-
TECTIC MIXTURE OF BOSCALID
AND A STROBILURIN FUNGICIDE

(51) Int. Cl.

A01N 43/54 (2006.01)**A01N 25/12** (2006.01)**A01N 37/50** (2006.01)**A01N 43/40** (2006.01)**A01N 43/88** (2006.01)

(43) 16.01.2025

(62) 2019300531

(72) DESAI, Sujata Dhondiram; TALATI,
Paresh Vithaldas; SHROFF, Jaidev Ra-
jnikan; SHROFF, Vikram Rajnikant

(74) Churchill Attorneys

(71) VIDEO GAMING TECHNOLOGIES,
INC.

(11) AU-A-2024278646

(21) 2024278646 (22) 19.12.2024

(54) GAMING MACHINE INCLUDING
BRUSHLESS MOTOR SYSTEM

(51) Int. Cl.

H02K 21/12 (2006.01)**G07F 17/34** (2006.01)

(43) 16.01.2025

(62) 2019202320

(72) LAMB, William; DU, Thach; LITER,
Charles A.

(74) Griffith Hack

(71) Virox Technologies Inc.

(11) AU-A-2024278581

(21) 2024278581 (22) 18.12.2024

(54) C3-C5 N-ALKYL-GAMMA-BUTYRO-
LACTAM-CONTAINING ANTIMICRO-
BIAL COMPOSITIONS AND USES
THEREOF

(51) Int. Cl.

A01N 43/36 (2006.01)**A01P 1/00** (2006.01)**A61L 2/16** (2006.01)

(43) 16.01.2025

(62) 2019391650

(72) ALDERSON, Faraz A.

(74) Madderns Pty Ltd

(71) Walker Digital Table Systems, LLC

(11) AU-A-2024287069

(21) 2024287069 (22) 20.12.2024

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(54) Systems and Methods for Verifying Player Identity at a Table Game
(51) Int. Cl.
A63F 1/00 (2006.01)
A63F 1/06 (2006.01)
A63F 1/14 (2006.01)
A63F 3/00 (2006.01)
A63F 9/24 (2006.01)
G07F 17/32 (2006.01)
(43) 16.01.2025
(62) 2019231259
(72) Moore, Stephen; Fincham, Magdalena Mik
(74) Michael Buck IP

(71) Whirlpool Corporation
(11) AU-A-2024204003
(21) 2024204003 (22) 13.06.2024
(54) Blender jar with protrusions introducing asymmetric flow pattern and blender containing the same
(51) Int. Cl.
A47J 43/046 (2006.01)
A47J 43/07 (2006.01)
(31) 18/215,363 (32) 28.06.23 (33) US
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(72) Cattes, Brandon W.; D'Alessandro, Kathryn E.; Heater, Timothy E.; Leitter, Andrew; Redfern, Mark A.; Wolters, Jeremy T.
(74) Griffith Hack

(71) Wilcox Industries Corp.
(11) AU-A-2024204462
(21) 2024204462 (22) 27.06.2024
(54) Power And Data Interface For Weapon Accessory Mounting Rail
(51) Int. Cl.
F41C 27/00 (2006.01)
F41A 35/00 (2006.01)
F41G 3/00 (2006.01)
F41G 11/00 (2006.01)
H01R 13/10 (2006.01)
H01R 13/40 (2006.01)
(31) 63/523,767 (32) 28.06.23 (33) US
(43) 16.01.2025
(72) TEETZEL, James W; TURNER, Elliott S
(74) WRAYS PTY LTD

(71) Wonderland Switzerland AG
(11) AU-A-2024278625
(21) 2024278625 (22) 19.12.2024
(54) Baby carriage brake mechanism and baby carriage having the same
(51) Int. Cl.
B62B 9/08 (2006.01)
(43) 16.01.2025
(62) 2023202879
(72) GUO, Zhengwen; ZHU, Wanquan
(74) Allens Patent & Trade Mark Attorneys

(71) Xuzhou XCMG Excavator Machinery Co., Ltd.
(11) AU-A-2023282286
(21) 2023282286 (22) 14.12.2023

(54) RECIPROCATING DRIVE DEVICE, BREAKING HAMMER, PILE DRIVING HAMMER AND TAMPER
(51) Int. Cl.
E02D 7/10 (2006.01)
(31) 2023107777814 (32) 29.06.23 (33) CN
(43) 16.01.2025
(72) Xu, Yubing; Li, Shanhui; Wang, Quanyong; Sun, Chong; Li, Kai
(74) Madderns Pty Ltd

(71) XWPHARMA LTD.
(11) AU-A-2024278622
(21) 2024278622 (22) 19.12.2024
(54) Modified release compositions of a gamma-hydroxybutyric acid derivative
(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 31/00 (2006.01)
A61P 25/00 (2006.01)
A61P 43/00 (2006.01)
(43) 16.01.2025
(62) 2021357705
(72) XIANG, Jia-Ning; KARABORNI, Sami; CANAFAX, Daniel, M.; XIANG, William, W.; TIEN, James; THIEL, Stefanie; POLLINGER, Norbert; GRAVE, Annette
(74) Minter Ellison

(71) Yantai Chungway New Energy Technology Co., Ltd.
(11) AU-A-2024204280
(21) 2024204280 (22) 21.06.2024
(54) METHOD AND SYSTEM FOR PREDICTING THERMAL RUNAWAY IN LITHIUM BATTERY BASED ON CAPACITIVE REACTANCE ANALYSIS
(51) Int. Cl.
G01R 31/36 (2020.01)
H01M 10/48 (2006.01)
(31) 202310762156.2 (32) 27.06.23 (33) CN
(43) 16.01.2025
(72) Li, Mingming; Liu, Tianyu; Bai, Wenhao; Fang, Xiangming; Tang, Ge; Liu, Fuhua; Fan, Shaogui
(74) Madderns Pty Ltd

(71) YETI Coolers, LLC
(11) AU-A-2024287151
(21) 2024287151 (22) 23.12.2024
(54) Closure and lid and method of forming closure and lid
(51) Int. Cl.
A47G 19/22 (2006.01)
(43) 16.01.2025
(62) 2023200498
(72) JINKINS, Cody; BONDHUS, Andy; RANE, Mark Carlson; BULLOCK, Dustin; FRITZ, John
(74) GLMR

(71) ZHEJIANG HUAYOU COBALT CO., LTD.
(11) AU-A-2023433481
(21) 2023433481 (22) 31.08.2023
(54) METHOD FOR ENRICHING VALUABLE METAL FROM SULFATE SOLU-

TION CONTAINING VALUABLE METAL IONS
(51) Int. Cl.
C22B 3/44 (2006.01)
C22B 3/22 (2006.01)
(31) 202310748112.4 (32) 21.06.23 (33) CN
(43) 16.01.2025
(72) Li, Shaolong; REN, Jialin; GAO, Baojun; ZHAO, Yixuan; LIU, Yuqin
(74) Griffith Hack

(71) Zhejiang Orient Gene Biotech Co., Ltd
(11) AU-A-2023203894
(21) 2023203894 (22) 20.06.2023
(54) DEVICE FOR TESTING MULTIPLE ANALYTES IN LIQUID SAMPLE THROUGH LATERAL FLOW
(51) Int. Cl.
B01L 3/00 (2006.01)
G01N 33/543 (2006.01)
G01N 33/569 (2006.01)
(43) 16.01.2025
(72) LEI, Siyu; FANG, Jianqiu; ZHANG, Hua
(74) Baxter Patent Attorneys Pty Ltd

(71) Zhejiang Orient Gene Biotech Co., Ltd
(11) AU-A-2023204231
(21) 2023204231 (22) 30.06.2023
(54) DEVICE FOR TESTING ANALYTE IN LIQUID SAMPLE
(51) Int. Cl.
B01L 3/00 (2006.01)
G01N 1/38 (2006.01)
(43) 16.01.2025
(72) LEI, Siyu; FANG, Jianqiu
(74) Baxter Patent Attorneys Pty Ltd

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2023203900	INNOVATIVE ALTERNATIVES PTY LTD	2024203884	Chevron U.S.A. Inc.; Chevron Australia Pty Ltd
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2023204002	slennett-roberts, t.	2024203958	Bushnell Inc.
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2023204195	Hurst, M.	2024204017	Chevron U.S.A Inc.
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2023233217	CORNEX NEW ENERGY CO., LTD.	2024204033	Asbestos Reports Australia Pty Limited
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2023282286	Xuzhou XCMG Excavator Machinery Co., Ltd.	2024204148	Techtronic Cordless GP
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2023428629	JIANGSU PYLON BATTERY CO., LTD.	2024204215	Aim Energy Holdings Pty Ltd
2023432025	FUJIAN EACON TECHNOLOGY CO., LTD.	2024204222	J. D. Theile GmbH & Co. KG
2023433481	ZHEJIANG HUAYOU COBALT CO., LTD.	2024204223	Kieran McShane
2023446737	PT ESG NEW ENERGY MATERIAL; PT QMB NEW ENERGY MATERIALS; GEM CO., LTD.; PT GEM INDONESIA NEW ENERGY MATERIALS	2024204225	SAGEMCOM BROADBAND SAS
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2024278560	Gilead Sciences, Inc.	2024287108	Great Plains Manufacturing, Inc.
2024278565	Revivacor Inc	2024287111	LightForce Orthodontics, Inc.
2024278566	F. HOFFMANN-LA ROCHE AG	2024287114	MAKO Surgical Corp.
2024278579	Alfa Laval Corporate AB	2024287115	Terns, Inc.
2024278580	GE Video Compression, LLC	2024287120	Mahfouz, M.
2024278581	Virox Technologies Inc.	2024287123	Opus One Solutions Energy Corp.; Opus One Solutions (USA) Corporation
2024278582	Haldor Topsøe A/S	2024287124	Crosstex International, Inc.
2024278587	Aspen Neuroscience, Inc.	2024287136	UPL Ltd
2024278589	Crop's Fruit	2024287140	Deka Products Limited Partnership
2024278591	LensAR, Inc.	2024287142	FISHER & PAYKEL HEALTHCARE LIMITED
2024278596	nthalmic holding Pty Ltd; Brighten Optix Corp.	2024287143	AB LINDE
2024278597	Rhythm Pharmaceuticals, Inc.	2024287144	Koto Holdings Limited
2024278598	INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National de la Recherche Scientifique (CNRS); Université Paris Cité; Assistance Publique-Hôpitaux de Paris (APHP)	2024287149	Technological Resources Pty. Limited
2024278601	Anduril Industries, Inc.	2024287150	ProbioTech USA LLC
2024278603	Bambino Prezioso Switzerland AG	2024287151	YETI Coolers, LLC
2024278604	Edwards Lifesciences Corporation	2024287153	Fidelity Information Services, LLC
2024278606	Stevenson, R.A.; Stevenson, W.L.	2024287154	MIZUHO ORTHOPEDIC SYSTEMS, INC.
2024278609	BASF Plant Science Company GmbH	2024287157	Power Hero Corp.
2024278611	BREX INC.	2024287160	Unilever IP Holdings B.V.
2024278614	Frideco AG	2024287169	Boston Scientific Scimed, Inc.
2024278616	Apple Inc.	2024287171	Studco Australia Pty Ltd
2024278617	Hollister Incorporated	2024287189	Hygieia Health Co., Limited; Nutratelligence
2024278619	Bio-Gene Technology Limited		
2024278621	LIFT BioSciences Ltd		
2024278622	XWPHARMA LTD.		
2024278624	Bambino Prezioso Switzerland AG		
2024278625	Wonderland Switzerland AG		
2024278626	JUUL Labs, Inc.		
2024278627	GE Video Compression, LLC		
2024278628	Nextivity, Inc.		
2024278629	Huawei Technologies Co., Ltd.		
2024278633	AMG Mineração S.A.		
2024278634	Bambino Prezioso Switzerland AG		
2024278635	Boston Scientific Scimed, Inc.		
2024278636	The Regents of the University of California; Aclarion, Inc.		
2024278638	Ascendis Pharma Growth Disorders A/S		
2024278639	Gentex Corporation		
2024278640	Graco Minnesota Inc.		
2024278642	Duesenfeld GmbH		
2024278646	VIDEO GAMING TECHNOLOGIES, INC.		
2024278647	Tencent America LLC		
2024278648	Benchmark Genetics Iceland hf		
2024278649	Reflex Instruments Asia Pacific Pty Ltd		
2024278650	TScan Therapeutics, Inc.		
2024279876	Fisher & Paykel Healthcare Limited		
2024287069	Walker Digital Table Systems, LLC		
2024287070	RUBI GLAS GMBH		
2024287071	The Insides Company Limited		
2024287076	Apple Inc.		
2024287080	Aristocrat Technologies Australia Pty Limited		
2024287081	Arbutus Biopharma Corporation		
2024287083	CATERPILLAR GLOBAL MINING EQUIPMENT LLC		
2024287084	Crown Equipment Corporation		
2024287086	Crown Equipment Corporation		
2024287089	Aristocrat Technologies Australia Pty Limited		
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- . (*) Title not in Roman characters
- . (**) Title not given

(71) 60 DEGREES PHARMACEUTICALS LLC (11) AU-A-2023304186 (21) 2023304186 (22) 05.07.2023 (54) METHODS TO TREAT RESPIRATORY INFECTION UTILIZING CASTANO-SPERMINE ANALOGS (51) Int. Cl. A61K 31/435 (2006.01) A61K 31/437 (2006.01) A61P 31/14 (2006.01) (87) WO2024/010781 (31) 63/358,341 (32) 05.07.22 (33) US (43) 11.01.2024 (72) DOW, Geoffrey, S. (74) Spruson & Ferguson	(54) DYNAMIC DISCOVERY WINDOW FOR WIRELESS COMMUNICATION BETWEEN DEVICES (51) Int. Cl. G16H 10/20 (2018.01) A61B 5/00 (2006.01) A61B 5/145 (2006.01) G16H 40/63 (2018.01) G16H 40/67 (2018.01) H04L 67/12 (2022.01) H04W 4/38 (2018.01) H04W 4/80 (2018.01) H04W 56/00 (2009.01) H04W 84/18 (2009.01) (87) WO2024/020000 (31) 63/368,849 (32) 19.07.22 (33) US (43) 25.01.2024 (72) HUA, Xuandong; CHAN, Danny (74) FPA Patent Attorneys Pty Ltd	A61M 60/855 (2021.01) A61M 60/859 (2021.01) A61M 60/122 (2021.01) A61M 60/80 (2021.01) (87) WO2023/249646 (31) 63/355,355 (32) 24.06.22 (33) US (43) 28.12.2023 (72) SHIP, Alexander; ILONGO, Emmanuel; ROY, Vincent; BHAVSAR, Sonya (74) Davies Collison Cave Pty Ltd
(71) 6K INC. (11) AU-A-2023283754 (21) 2023283754 (22) 08.06.2023 (54) PLASMA APPARATUS AND METHODS FOR PROCESSING FEED MATERIAL UTILIZING AN UPSTREAM SWIRL MODULE AND COMPOSITE GAS FLOWS (51) Int. Cl. C23C 16/511 (2006.01) C23C 4/134 (2016.01) H01J 37/32 (2006.01) H05H 1/30 (2006.01) (87) WO2023/239845 (31) 63/350,746 (32) 09.06.22 (33) US (43) 14.12.2023 (72) KOZLOWSKI, Michael, C.; RESNICK, Michael; MATYS, Pawel (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd	(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023312740 (21) 2023312740 (22) 26.07.2023 (54) SYSTEMS AND METHODS FOR DIABETES MANAGEMENT (51) Int. Cl. G16H 20/17 (2018.01) A61M 5/172 (2006.01) G16H 40/63 (2018.01) G16H 40/67 (2018.01) A61B 5/145 (2006.01) (87) WO2024/025942 (31) 63/392,753 (32) 27.07.22 (33) US (43) 01.02.2024 (72) BUDIMAN, Erwin S.; NOVAK, Matthew T.; HAYTER, Gary A. (74) FPA Patent Attorneys Pty Ltd	(71) ABIOMED, INC. (11) AU-A-2023278882 (21) 2023278882 (22) 02.06.2023 (54) ESTIMATING MAXIMUM FLOW THROUGH A CIRCULATORY SUPPORT DEVICE (51) Int. Cl. A61M 60/13 (2021.01) A61M 60/237 (2021.01) A61M 60/546 (2021.01) (87) WO2023/235558 (31) 63/348,533 (32) 03.06.22 (33) US (43) 07.12.2023 (72) BROWN, Samuel; TAN, Qing; ALWAT-BAN, Mohammed (74) Spruson & Ferguson
(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023306983 (21) 2023306983 (22) 11.07.2023 (54) SYSTEMS, DEVICES, AND METHODS FOR ANALYTE MONITORING (51) Int. Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61B 5/1486 (2006.01) (87) WO2024/015381 (31) 63/388,053 (32) 11.07.22 (33) US 63/442,743 01.02.23 US (43) 18.01.2024 (72) SIMMONS, Matthew; MITCHELL, Steven; RAO, Vivek; KIAIE, Namvar (74) FPA Patent Attorneys Pty Ltd	(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023333330 (21) 2023333330 (22) 28.08.2023 (54) SYSTEM, APPARATUS, AND DEVICES FOR ANALYTE MONITORING (51) Int. Cl. A61B 5/145 (2006.01) A61B 5/1486 (2006.01) H01Q 5/35 (2015.01) (87) WO2024/049753 (31) 63/402,744 (32) 31.08.22 (33) US (43) 07.03.2024 (72) KUNICH, Theodore John; SAN NICOLAS, Anthony, Joseph (74) FPA Patent Attorneys Pty Ltd	(71) ABIOMED, INC. (11) AU-A-2023283766 (21) 2023283766 (22) 09.06.2023 (54) METHODS AND APPARATUS FOR IDENTIFYING HIGH-RISK PATIENTS FOR PROTECTED PERCUTANEOUS CORONARY INTERVENTIONS (51) Int. Cl. G16H 20/40 (2018.01) G16H 10/60 (2018.01) G16H 15/00 (2018.01) G16H 40/20 (2018.01) G16H 50/20 (2018.01) G16H 50/30 (2018.01) G16H 50/70 (2018.01) (87) WO2023/239905 (31) 63/351,028 (32) 10.06.22 (33) US 63/352,407 15.06.22 US 63/425,553 15.11.22 US (43) 14.12.2023 (72) BARDOT, Dawn; SCHWARTZ, Daniel; POSCOVER, Daniel; HOUSMAN, Daniel (74) Spruson & Ferguson
(71) ABBOTT DIABETES CARE INC. (11) AU-A-2023308872 (21) 2023308872 (22) 18.07.2023	(71) ABIOMED, INC. (11) AU-A-2022463290 (21) 2022463290 (22) 28.06.2022 (54) CANNULA SYSTEM (51) Int. Cl. A61M 60/857 (2021.01)	(71) ABIOMED, INC. (11) AU-A-2023286522 (21) 2023286522 (22) 23.06.2023 (54) FLEXIBLE OUTFLOW CANNULA WITH SHAPED OUTLETS (51) Int. Cl. A61M 60/242 (2021.01) A61M 60/857 (2021.01)

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(43) 28.12.2023
(72) SPANIER, Gerd
(74) Davies Collison Cave Pty Ltd

(71) ACRIVON THERAPEUTICS, INC.
(11) AU-A-2023306212
(21) 2023306212 **(22)** 13.07.2023
(54) METHODS AND SYSTEMS FOR TREATING DISEASE USING AN ATR/CHK1 SIGNALING PATHWAY INHIBITOR
(51) Int. Cl.
G01N 33/574 (2006.01)
A61P 35/00 (2006.01)
G16H 50/00 (2018.01)
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(31) 63/388,914 **(32)** 13.07.22 **(33)** US
(43) 18.01.2024
(72) BLUME-JENSEN, Peter; DUNYAK, James; MASSON, Kristina; MURSHID, Ayesha; SHIPITSIN, Michail; WILGERUP, Caroline
(74) RnB IP Pty Ltd

(71) ACTIO BIOSCIENCES, INC.
(11) AU-A-2023303522
(21) 2023303522 **(22)** 07.07.2023
(54) THERAPEUTIC COMPOUNDS AND METHODS
(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/423 (2006.01)
A61K 31/497 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
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A61P 37/00 (2006.01)
C07D 413/06 (2006.01)
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(72) KATANA, Ashley; LINK, John Otto
(74) RnB IP Pty Ltd

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(11) AU-A-2023306900
(21) 2023306900 **(22)** 30.06.2023
(54) PRODUCT FOR PFAS ADSORPTION
(51) Int. Cl.
C08G 65/00 (2006.01)
C07C 311/02 (2006.01)
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(74) WRAYS PTY LTD

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A01N 47/06 (2006.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 47/12 (2006.01)
A01N 47/30 (2006.01)
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(31) 202211037706 **(32)** 30.06.22 **(33)** IN
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(72) ADHIMOOLAM, Arunagirinathan Manickam; BHAGAWAN, Vilas Patil; VENKATESWARARAO, Yadagani
(74) Davies Collison Cave Pty Ltd

(71) A-DEC, INC.
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(21) 2023316558 **(22)** 14.07.2023
(54) DENTAL EQUIPMENT SERVICE APPLICATION
(51) Int. Cl.
G06T 7/00 (2017.01)
A61C 3/00 (2006.01)
G06F 18/24 (2023.01)
H04W 4/35 (2018.01)
(87) WO2024/026213
(31) 17/875,924 **(32)** 28.07.22 **(33)** US
(43) 01.02.2024
(72) AYERS, Robert, Michael; WILLIAMS, Ryan, Michael; AN, Lee
(74) James & Wells Intellectual Property

(71) ADVANCED BIONUTRITION CORP.
(11) AU-A-2023288402
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(54) DOUBLE-LAYER COATED MICRO-PARTICLES AND PREPARATION THEREOF
(51) Int. Cl.
A23P 10/30 (2016.01)
A23L 3/00 (2006.01)
A23L 5/44 (2016.01)
A23L 33/12 (2016.01)
A23L 33/15 (2016.01)
A23P 10/35 (2016.01)
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(31) 63/355,178 **(32)** 24.06.22 **(33)** US
(43) 28.12.2023
(72) HAREL, Mordechai; KESHTMAND, Majid; RICE, Trisha
(74) Griffith Hack

(71) AETHERPHLOX AB
(11) AU-A-2023288914
(21) 2023288914 **(22)** 23.06.2023
(54) NEW COMPOSITE LAYER AND METHOD OF PRODUCING A COMPOSITE LAYER
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C08J 5/18 (2006.01)
A01N 25/10 (2006.01)
(87) WO2023/247778
(31) 2250791-7 **(32)** 23.06.22 **(33)** SE

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(72) SOTIRIOU, Georgios; NORMARK, Birgitta Henriques; BLETSA, Eleni; NORMARK, Staffan
(74) Michael Buck IP

(71) AFFINITY TOOL WORKS, LLC
(11) AU-A-2023297475
(21) 2023297475 **(22)** 29.06.2023
(54) QUICK CONNECTOR
(51) Int. Cl.
F16B 7/04 (2006.01)
B25B 1/24 (2006.01)
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(43) 04.01.2024
(72) URSELL, Mike; MORCK, Alex; NEILSON, Ken; URSELL, Connor; THIMM, David; WILSON, David; PARKER, Grey; SZUMER, Emanuel; KOEDERITZ, Will
(74) Caska Intellectual Property Pty Ltd

(71) AIRFLOW KINETICS, LLC
(11) AU-A-2023312646
(21) 2023312646 **(22)** 28.06.2023
(54) VISUAL DISPLAY SYSTEM
(51) Int. Cl.
G09F 19/02 (2006.01)
G09F 13/24 (2006.01)
G09F 19/12 (2006.01)
G09F 27/00 (2006.01)
(87) WO2024/025696
(31) 17/875,272 **(32)** 27.07.22 **(33)** US
(43) 01.02.2024
(72) SHARP, Gordon
(74) Spruson & Ferguson

(71) AJINOMOTO CO., INC.
(11) AU-A-2023279467
(21) 2023279467 **(22)** 02.06.2023
(54) AFFINITY SUBSTANCE, COMPOUND, AND ANTIBODY AND THEIR SALTS
(51) Int. Cl.
C07K 14/00 (2006.01)
A61K 39/395 (2006.01)
A61K 47/55 (2017.01)
A61K 47/64 (2017.01)
A61K 47/68 (2017.01)
A61K 49/00 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
C07K 16/00 (2006.01)
C07K 19/00 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/11 (2006.01)
C12N 15/62 (2006.01)
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(31) 2022-090443 **(32)** 02.06.22 **(33)** JP
2022-141780 06.09.22 JP
(43) 07.12.2023
(72) MATSUDA, Yutaka; FUJII, Tomohiro; ITO, Kenichiro; TAKAHASHI,

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YAMAGUCHI, Hiroki; TSUYOSHI, Na-
oko; NAGANO, Hayato; TAKASUGI,
Rika
(74) Griffith Hack

(71) ALCOHOL MONITORING SYSTEMS,
INC.
(11) AU-A-2023301385
(21) 2023301385 (22) 27.06.2023
(54) TAMPER-PROOF MOUNTING STRAP
FOR A MONITORING DEVICE
(51) Int. Cl.
G08B 21/22 (2006.01)
A44C 5/00 (2006.01)
(87) WO2024/006747
(31) 63/355,802 (32) 27.06.22 (33) US
(43) 04.01.2024
(72) ORAM, Anne Baker; GLAVAN, Kyle
Patrick; SIRIANNE, Raymond Anthony
(74) RnB IP Pty Ltd

(71) ALCOR SCIENTIFIC, INC.
(11) AU-A-2023289320
(21) 2023289320 (22) 30.05.2023
(54) ENTERAL FEEDING PUMP SYS-
TEMS, VALVE ASSEMBLIES THERE-
FOR AND FLUID FLOW CONTROL
METHODS FOR SAME
(51) Int. Cl.
A61M 39/22 (2006.01)
A61J 15/00 (2006.01)
A61M 39/28 (2006.01)
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
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(31) 63/355,291 (32) 24.06.22 (33) US
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(43) 28.12.2023
(72) SACCHETTI, Peter, J.; RUGGERI,
Carlo
(74) Spruson & Ferguson

(71) ALLEN INSTITUTE
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(54) ARTIFICIAL EXPRESSION CON-
STRUCTS FOR MODULATING GENE
EXPRESSION IN NON-NEURONAL
CENTRAL NERVOUS SYSTEM CELLS
(51) Int. Cl.
C12N 15/85 (2006.01)
A01K 67/027 (2024.01)
A61K 48/00 (2006.01)
C12N 15/63 (2006.01)
C12N 15/86 (2006.01)
A61P 25/28 (2006.01)
C12N 5/0735 (2010.01)
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(72) LEIN, Edward Sebastian; LEVI, Boaz
P.; MARTINEZ, Refugio; MICH, John
K.; OPITZ-ARAYA, Ximena; TING,
Jonathan
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(71) AMGEN INC.
(11) AU-A-2023314633
(21) 2023314633 (22) 26.07.2023
(54) CANNABINOID TYPE 1 RECEPT-
OR BINDING PROTEINS AND USES
THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
(87) WO2024/026351
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(43) 01.02.2024
(72) CHEN, Irwin; CHONG, Su; HAN, Seog
Joon; OXENOID, Kirill; CHEN, Weihsu
Claire; PASUMARTHI, Venkata Nihal;
BERGEN, John; MATOCHKO, Wadim
L.; WEISHUHN, Dawn; LI, Serina; VE-
NIANT-ELLISON, Murielle Marie; KIL-
LION, Elizabeth Ann; LU, Shu-Chen
(74) Spruson & Ferguson

(71) AMGEN INC.
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(54) NEEDLE SHIELD ASSEMBLY FOR A
SYRINGE
(51) Int. Cl.
A61M 5/32 (2006.01)
(87) WO2024/039707
(31) 63/399,146 (32) 18.08.22 (33) US
(43) 22.02.2024
(72) SWIFT, Robert, W.; NAKAMURA,
James; AKERS, Michael, E.; OLIVAS,
Jerome
(74) Spruson & Ferguson

(71) AMGEN INC.
(11) AU-A-2023329315
(21) 2023329315 (22) 23.08.2023
(54) ANTI-DRUG ANTIBODY ASSAYS
(51) Int. Cl.
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C07K 16/42 (2006.01)
G01N 33/53 (2006.01)
G01N 33/543 (2006.01)
G01N 33/68 (2006.01)
(87) WO2024/044622
(31) 63/373,426 (32) 24.08.22 (33) US
(43) 29.02.2024
(72) MILLER, Mieke Jill; KING, Chadwick T.;
KROENKE, Mark Andrew; STARCEVIC
MANNING, Marta
(74) Spruson & Ferguson

(71) AMGEN INC.
(11) AU-A-2023333370
(21) 2023333370 (22) 29.08.2023
(54) SYSTEM AND METHOD OF LIMITING
SUBVISIBLE PARTICLES IN A SYR-
INGE
(51) Int. Cl.
A61M 5/00 (2006.01)
A61M 5/31 (2006.01)
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(72) NAKAMURA, James; OLIVAS, Jerome;
GOUDA, Ahmed; DUNN, Austin; OBA,
Ryan
(74) Spruson & Ferguson

(71) ANAGRAM THERAPEUTICS, INC.
(11) AU-A-2023305628
(21) 2023305628 (22) 13.07.2023
(54) METHODS AND COMPOSITIONS
FOR TREATING CONGENITAL
SUCRASE-ISOMALTASE DEFICI-
ENCY
(51) Int. Cl.
C12N 9/26 (2006.01)
A61K 9/00 (2006.01)
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
C12N 9/44 (2006.01)
C12N 15/81 (2006.01)
(87) WO2024/015942
(31) 63/388,810 (32) 13.07.22 (33) US
63/388,845 13.07.22 US
(43) 18.01.2024
(72) GOVINDARAJAN, Sridhar; WELCH,
Mark; MARGOLIN, Alexey
(74) RNB IP PTY LTD

(71) ANC INC.
(11) AU-A-2023294404
(21) 2023294404 (22) 16.06.2023
(54) HOMOGENEOUS EXTRACT-IN-
FUSED CANNABIS PRODUCTS AND
METHODS FOR PREPARATION
THEREOF
(51) Int. Cl.
A61K 36/185 (2006.01)
A61K 9/72 (2006.01)
A61K 31/01 (2006.01)
A61K 31/015 (2006.01)
A61K 31/045 (2006.01)
A61K 31/05 (2006.01)
A61K 31/352 (2006.01)
C07C 11/21 (2006.01)
C07C 13/32 (2006.01)
C07C 33/02 (2006.01)
C07C 39/19 (2006.01)
C07C 39/23 (2006.01)
C07D 311/80 (2006.01)
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(31) 63/353,422 (32) 17.06.22 (33) US
(43) 21.12.2023
(72) RUTTER, Tairance; FACCIOLO,
Thomas; CLARKE, James; BORDENI-
UK, Clayton; RAZZERA HUERTA,
Raquel
(74) Michael Buck IP

(71) ARIZONA BOARD OF REGENTS ON
BEHALF OF THE UNIVERSITY OF
ARIZONA; UNIVERSITY OF DUNDEE
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(21) 2023288464 (22) 22.06.2023
(54) SMALL MOLECULE INHIBITORS OF
DYRK/CLK AND USES THEREOF
(51) Int. Cl.
C07D 487/04 (2006.01)

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A61P 29/00 (2006.01)
A61P 35/04 (2006.01)
A61P 37/00 (2006.01)
C07D 403/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
(87) WO2023/250082
(31) 63/354,495 **(32)** 22.06.22 **(33)** US
(43) 28.12.2023
(72) HULME, Christopher; FISTROVICH, Alessandra; SHAW, Arthur; CHAVEZ, Tim; BANERJEE, Sourav; TANDON, Vasudha
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(11) AU-A-2023289130
(21) 2023289130 **(22)** 22.06.2023
(54) SMALL MOLECULE INHIBITORS OF DYRK/CLK AND USES THEREOF
(51) Int. Cl.
C07D 487/04 (2006.01)
A61P 3/10 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 35/04 (2006.01)
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C07D 403/14 (2006.01)
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(72) HULME, Christopher; ROKEY, Samantha; THORNE, Curtis; SHAW, Arthur; CHAVEZ, Tim; BEDARD, Nathan; CABEL, Carly; BANERJEE, Sourav; FISTROVICH, Alessandra
(74) Spruson & Ferguson
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- (71)** ARXADA, LLC
(11) AU-A-2023300160
(21) 2023300160 **(22)** 30.06.2023
(54) COPPER CONTAINING COMPOUNDS AND COMPOSITIONS FOR ANTIMICROBIAL PAINT AND COATING
(51) Int. Cl.
C09D 5/02 (2006.01)
C09D 5/14 (2006.01)
C09D 5/16 (2006.01)
C09D 7/40 (2018.01)
C09D 7/61 (2018.01)
C09D 133/00 (2006.01)
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(31) 63/357,671 **(32)** 01.07.22 **(33)** US
(43) 04.01.2024
(72) BRUTOFSKY, Milady; JANAK, Kevin; JIN, Lehong; LIU, Chun; NEELY, Kathryn
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** ASHA THERAPEUTICS LLC
(11) AU-A-2023287607
(21) 2023287607 **(22)** 20.06.2023
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- (54)** BENZOCARBAZOLE DERIVATIVES AS INHIBITORS OF DRP1
(51) Int. Cl.
C07D 209/88 (2006.01)
A61K 31/343 (2006.01)
A61K 31/403 (2006.01)
A61P 9/00 (2006.01)
A61P 25/28 (2006.01)
C07D 307/82 (2006.01)
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(31) 63/354,216 **(32)** 21.06.22 **(33)** US
(43) 28.12.2023
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- (71)** ASTRID PHARMA CORP.
(11) AU-A-2023295550
(21) 2023295550 **(22)** 16.06.2023
(54) METHODS AND COMPOSITIONS OF QUATERNARY IMMUNOMODULATORY NANOPARTICLES FOR MEDICAL APPLICATIONS AND IMMUNOTHERAPY
(51) Int. Cl.
C07K 14/005 (2006.01)
A61K 9/51 (2006.01)
A61K 33/24 (2019.01)
A61K 38/16 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C07K 14/08 (2006.01)
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(72) CHENG, R. Holland; CHEN, Chun-Chieh; CHEN, Chin-Fu
(74) FPA Patent Attorneys Pty Ltd
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- (71)** ATI PROPERTIES LLC
(11) AU-A-2023297931
(21) 2023297931 **(22)** 28.06.2023
(54) NICKEL-BASE ALLOY
(51) Int. Cl.
C22C 19/05 (2006.01)
B33Y 7/00 (2020.01)
(87) WO2024/006374
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(43) 04.01.2024
(72) SHARGHI-MOSHTAGHIN, Reza; FOLTZ IV, John W.; O'BRIEN, Christopher M.; JANKOWSKI, Joseph A.; TEMPLE, Andrew; GARCIA-AVILA, Matias
(74) Griffith Hack
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- (71)** AURELIA TURBINES OY
(11) AU-A-2023274957
(21) 2023274957 **(22)** 25.05.2023
(54) TURBINE WHEEL, GAS TURBINE, AND METHOD FOR COOLING A TURBINE WHEEL
(51) Int. Cl.
F01D 5/04 (2006.01)
F01D 5/08 (2006.01)
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(72) MALKAMÄKI, Matti; HARTIKAINEN, Toni
(74) PHILLIPS ORMONDE FITZPATRICK
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(54) UNLOADING HIGH VISCOUS FLUID PRODUCT FROM BAG CONTAINERS
(51) Int. Cl.
B67D 7/02 (2010.01)
(87) WO2024/015778
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(72) LAFOUNTAIN, Cody J.; MALMBERG, Magnus; VIBERG, Jan; COLES, Brandon R.; ZHANG, Limin
(74) FPA Patent Attorneys Pty Ltd
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- (71)** AXONICS, INC.
(11) AU-A-2023301771
(21) 2023301771 **(22)** 07.07.2023
(54) SYSTEM FOR DETERMINING AN ESTIMATE OF BATTERY CAPACITY FOR AN IMPLANTABLE DEVICE
(51) Int. Cl.
A61N 1/37 (2006.01)
A61N 1/372 (2006.01)
A61N 1/378 (2006.01)
(87) WO2024/010958
(31) 63/359,463 **(32)** 08.07.22 **(33)** US
(43) 11.01.2024
(72) MATHUR, Prabodh; BORLASE, Charles; PETERSON, Pete
(74) Spruson & Ferguson
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- (71)** AYUVIS RESEARCH, INC.
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(54) NOVEL IMMUNODULATING SMALL MOLECULES
(51) Int. Cl.
A61K 31/702 (2006.01)
A61K 31/7034 (2006.01)
A61K 31/7036 (2006.01)
A61K 31/7048 (2006.01)
A61P 37/02 (2006.01)
C07H 15/226 (2006.01)
(87) WO2023/229891
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(72) ACHARYA, Suchismita; PANDA, Santosh, K.
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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G01S 7/292 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71) BECKMAN COULTER, INC.
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(54) NOVEL FLUORESCENT DYES AND
POLYMERS FROM DIHYDROPHEN-
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C09B 23/08 (2006.01)
C09B 69/10 (2006.01)
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CREATION WINDPOWER EQUIP-
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(21) 2023296566 (22) 29.06.2023
(54) TOWER SHEET ASSEMBLY, TOWER
SECTION, AND TOWER TRANS-
PORTATION AND ASSEMBLY METH-
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(51) Int. Cl.
F03D 13/20 (2016.01)
F03D 13/10 (2016.01)
F03D 13/40 (2016.01)
(87) WO2024/002247
(31) 202210767352.4 (32) 30.06.22 (33) CN
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(72) ZHANG, Ke; JI, Gela; CAO, Xuemin
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(11) AU-A-2023368990
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(54) GRID FORMING TYPE WIND GENER-
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THEREFOR, AND CONTROLLER
(51) Int. Cl.
H02J 3/48 (2006.01)
(87) WO2024/087768
(31) 202211319731.3 (32) 26.10.22 (33) CN
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JING, Shuang; LI, Feng
(74) Madderns Pty Ltd
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CO., LTD.
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(21) 2023274755 (22) 24.05.2023
(54) AUTOMATIC WATER REPLACEMENT
ASSEMBLY AND SELF-CLEANING
MAINTENANCE STATION
(51) Int. Cl.
A47L 11/40 (2006.01)
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- (87) WO2023/227038
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(72) WU, Jiansheng; LIU, Yaoxin; YU, Lup-
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(74) Allens Patent & Trade Mark Attorneys
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(21) 2023274772 (22) 25.05.2023
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(51) Int. Cl.
A47L 11/40 (2006.01)
(87) WO2023/227073
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(43) 30.11.2023
(72) LI, Xing; CHENG, Pan; WANG, Tao;
LIU, Yaoxin; JIN, Tenglong
(74) Allens Patent & Trade Mark Attorneys
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- (71) BEIROBOTICS LLC
(11) AU-A-2023277476
(21) 2023277476 (22) 24.05.2023
(54) SYSTEMS, DEVICES, AND METHODS
FOR UNMANNED AERIAL POWER
LINE DIAMETER MEASUREMENT
(51) Int. Cl.
H02G 1/02 (2006.01)
B64C 39/02 (2023.01)
B64U 10/13 (2023.01)
G01R 31/08 (2020.01)
(87) WO2023/230148
(31) 63/345,109 (32) 24.05.22 (33) US
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(72) BEIRO, Michael, Kenneth; COBLE,
Chase, Hamilton; SCHUL, David, Car-
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(74) FB Rice Pty Ltd
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- (71) BENJAMIN MOORE & CO.
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(21) 2023306162 (22) 10.07.2023
(54) NONIONIC RESINS, AND MIX-
TURES OF NONIONIC RESINS WITH
CATIONIC ADDITIVES FOR STAIN
BLOCKING ARCHITECTURAL COM-
POSITIONS
(51) Int. Cl.
C09D 5/02 (2006.01)
C08F 220/18 (2006.01)
C08L 33/04 (2006.01)
C09D 133/04 (2006.01)
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WANG, Xinyu; NANDA, Ajaya
(74) Wallington-Dummer Pty Ltd
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IN STAIN BLOCKING ARCHITECTUR-
AL COMPOSITIONS
(51) Int. Cl.
C09D 5/02 (2006.01)
C08F 220/18 (2006.01)
C08L 33/04 (2006.01)
C09D 15/00 (2006.01)
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GEURTSSEN, Richard; WANG, Xinyu
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(54) DETECTION OF EARLY-STAGE LUNG
CANCER IN SPUTUM USING AUTO-
MATED FLOW CYTOMETRY AND MA-
CHINE LEARNING
(51) Int. Cl.
G01N 33/68 (2006.01)
G16B 50/20 (2019.01)
G01N 33/574 (2006.01)
G01N 33/58 (2006.01)
G16B 40/20 (2019.01)
(87) WO2024/006142
(31) 63/357,994 (32) 01.07.22 (33) US
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(43) 04.01.2024
(72) REBEL, Vivienne I.; LEMIEUX,
Madeleine E.
(74) Spruson & Ferguson
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- (71) BIO-GENE TECHNOLOGY LIMITED
(11) AU-A-2023289047
(21) 2023289047 (22) 23.06.2023
(54) IMPROVED PESTICIDAL COMPOSI-
TIONS AND PEST CONTROL METH-
ODS
(51) Int. Cl.
A01N 35/06 (2006.01)
A01N 35/10 (2006.01)
A01N 53/00 (2006.01)
A01P 7/04 (2006.01)
(87) WO2023/245257
(31) 2022901767 (32) 24.06.22 (33) AU
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(72) MAY, Peter; KLUPACS, Robert
(74) Griffith Hack
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(21) 2023278793 (22) 02.06.2023
(54) PROCESS FOR PRODUCING
GRAPHENE AND/OR GRAPHITE,
AND GRAPHENE AND/OR GRAPHITE
PREPARED THEREFROM
(51) Int. Cl.
C01B 32/205 (2017.01)
C01B 32/182 (2017.01)
C01B 32/184 (2017.01)
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(21) 2023287755 **(22)** 22.06.2023
(54) PRESS-FORMED BIOCEMENT PROCESSES, COMPOSITIONS, AND EQUIPMENT
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C04B 28/10 (2006.01)
B01F 35/221 (2022.01)
B28C 5/08 (2006.01)
B28C 7/02 (2006.01)
B28C 7/04 (2006.01)
C04B 20/10 (2006.01)
C04B 40/00 (2006.01)
C12P 3/00 (2006.01)
B01F 101/28 (2022.01)
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(72) DOSIER, Ginger; DOSIER, Michael; ANDERSON, Kimberly; MEKEEL, Chris
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) BIONIC SIGHT, LLC; CORNELL UNIVERSITY
(11) AU-A-2023307691
(21) 2023307691 **(22)** 06.07.2023
(54) AN OPTOGENETIC GENE THERAPY FOR TREATING BLINDNESS
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 31/573 (2006.01)
A61N 5/06 (2006.01)
A61P 27/02 (2006.01)
C12N 15/864 (2006.01)
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(72) NIRENBERG, Sheila
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(71) BIOSTEM TECHNOLOGIES, INC.
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(51) Int. Cl.
A61K 35/50 (2015.01)
A61K 9/14 (2006.01)
A61K 35/12 (2015.01)
A61L 27/36 (2006.01)
(87) WO2024/006343
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(72) MATUSZEWSKI, Jason, V.; WESTON, Wendy, W.
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

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(51) Int. Cl.
A61K 35/50 (2015.01)
A61L 27/36 (2006.01)
A61P 17/02 (2006.01)
(87) WO2024/006353
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 2033318 14.10.22 NL
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(72) MATUSZEWSKI, Jason, V.; WESTON, Wendy, W.
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

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(54) STERILE HUMAN PLACENTAL ALLOGRAFTS HAVING A PLURALITY OF SLITS, OPENINGS, AND/OR FENESTRATIONS FORMED THEREON
(51) Int. Cl.
A61K 35/50 (2015.01)
A61K 35/51 (2015.01)
A61L 27/36 (2006.01)
(87) WO2024/006351
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(72) MATUSZEWSKI, Jason, V.; WESTON, Wendy, W.
(74) Kings Patent & Trade Marks Attorneys Pty Ltd

(71) BLOSSOMHILL THERAPEUTICS, INC.
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C07D 487/16 (2006.01)
A61K 31/553 (2006.01)
A61P 35/00 (2006.01)
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C02F 3/12 (2023.01)
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(74) Davies Collison Cave Pty Ltd

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(21) 2023305094 **(22)** 13.07.2023
(54) BINDING MOLECULES FOR THE TREATMENT OF CANCER
(51) Int. Cl.
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/46 (2006.01)
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(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
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C07D 413/04 (2006.01)
C07C 315/04 (2006.01)
C07D 209/52 (2006.01)
(87) WO2024/042043
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WILD, Anke
(74) Spruson & Ferguson

(71) BREVILLE PTY LIMITED
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(21) 2023300701 (22) 28.06.2023
(54) FOOD PROCESSOR
(51) Int. Cl.
H03K 17/94 (2006.01)
A42B 3/04 (2006.01)
A47J 43/046 (2006.01)
A47J 43/07 (2006.01)
H02J 50/00 (2016.01)
H02J 50/10 (2016.01)
H03K 17/78 (2006.01)
H04B 5/00 (2024.01)
H05B 1/02 (2006.01)
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(31) 2022901849 (32) 30.06.22 (33) AU
(43) 04.01.2024
(72) WIDANAGAMAGE DON, Lochana
Subasekara; PSAROLOGOS, Con;
COOPER, Joshua Lyndon
(74) GLMR

(71) B-TEMIA INC.
(11) AU-A-2023279391
(21) 2023279391 (22) 01.06.2023
(54) COMPACT, FULL-RANGE OF MOTION
AND MULTI-DEGREE OF FREEDOM
STRUCTURE FOR SUPPORTING OR-
THOTIC DEVICES
(51) Int. Cl.
A61F 5/01 (2006.01)
(87) WO2023/230726
(31) 63/348,211 (32) 02.06.22 (33) US
(43) 07.12.2023
(72) BROOKSHAW, Marcus; BÉDARD,
Stéphane; CLARK, Jean-philippe;
ZOSO, Nathaniel
(74) Origin Patent and Trade Mark Attorneys

(71) B-TEMIA INC.
(11) AU-A-2023282133
(21) 2023282133 (22) 01.06.2023
(54) HIGH-MOBILITY EFFICIENT LOAD-
TRANSFER SACRO-LUMBAR ARTIC-
ULATED DORSAL STRUCTURE FOR
ORTHOTIC STRUCTURES
(51) Int. Cl.
A61F 5/02 (2006.01)
A61F 5/01 (2006.01)
B25J 9/00 (2006.01)
(87) WO2023/230727
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(72) BÉDARD, Stéphane; BROOKSHAW,
Marcus; CLARK, Jean-philippe; ZOSO,
Nathaniel
(74) Origin Patent and Trade Mark Attorneys

(71) BYD COMPANY LIMITED
(11) AU-A-2023296414
(21) 2023296414 (22) 09.06.2023

(54) MOTOR DRIVING SYSTEM, VEHICLE
AND DRIVING SYSTEM CONTROL
METHOD
(51) Int. Cl.
H02P 29/62 (2016.01)
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(72) XU, Luhui; REN, Shaopeng; DU, Zhiy-
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) CAPITAL ONE SERVICES, LLC
(11) AU-A-2023286404
(21) 2023286404 (22) 17.05.2023
(54) MOBILE WEB BROWSER AUTHEN-
TICATION AND CHECKOUT USING A
CONTACTLESS CARD
(51) Int. Cl.
G06Q 20/12 (2012.01)
G06Q 20/22 (2012.01)
G06Q 20/32 (2012.01)
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(31) 17/847,961 (32) 23.06.22 (33) US
(43) 28.12.2023
(72) RULE, Jeffrey
(74) GLMR

(71) CAPITAL ONE SERVICES, LLC.
(11) AU-A-2023295418
(21) 2023295418 (22) 13.06.2023
(54) TECHNIQUES TO PERFORM TAP TO
PAY OPERATIONS IN THE IOS AND
ANDROID OPERATING SYSTEM EN-
VIRONMENTS
(51) Int. Cl.
G06Q 20/32 (2012.01)
G06Q 20/02 (2012.01)
G06Q 20/12 (2012.01)
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G06Q 20/40 (2012.01)
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(43) 21.12.2023
(72) BARRETT, Casey; RULE, Jeffrey;
LUTZ, Wayne
(74) GLMR

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(21) 2023299640 (22) 01.05.2023
(54) TECHNIQUES TO PERFORM DYNAM-
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H04L 9/40 (2022.01)
H04L 67/00 (2022.01)
H04L 67/02 (2022.01)
H04M 3/51 (2006.01)
H04W 4/14 (2009.01)
H04W 4/80 (2018.01)
H04W 12/06 (2021.01)
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(72) OGBENNAH, Francis; MCHUGH, Kath-
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(74) GLMR

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(54) FLAT MOP FOR A CLEANING STA-
TION WITH A VERTICAL ORIENTA-
TION, AND CLEANING STATION
(51) Int. Cl.
A47L 13/20 (2006.01)
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ZORMAN, Christian; SOKOL, Nina;
GORMEZ, Mehmet Akif; FLORES,
Luis Mesias; MAKOWSKI, Nathaniel;
GRACZYK, Emily
(74) ACROGON GROUP PTY LTD

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TIMATING OBJECT WEIGHT USING
CAMERA IMAGES
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B66C 13/46 (2006.01)
B66C 15/06 (2006.01)
B66C 23/90 (2006.01)
B66F 17/00 (2006.01)
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G06V 10/82 (2022.01)
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(72) SARDENBERG, Lucas I.
(74) FPA Patent Attorneys Pty Ltd

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G06F 16/215 (2019.01)
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H01B 1/12 (2006.01)
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(54) METHOD, APPARATUS AND DEVICE FOR DETERMINING VOLTAGE SUPPORT STRENGTH OF RENEWABLE ENERGY POWER SYSTEM IN REAL TIME, STORAGE MEDIUM AND COMPUTER PROGRAM PRODUCT
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H02J 3/12 (2006.01)
G01R 19/00 (2006.01)
H02J 3/06 (2006.01)
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C01F 7/02 (2022.01)
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(74) Churchill Attorneys

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C07D 403/14 (2006.01)
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 (54) SURFACE TREATMENT METHOD
 (51) Int. Cl.
C08K 3/36 (2006.01)
A63H 33/00 (2006.01)
C04B 20/10 (2006.01)
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C08K 5/103 (2006.01)
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A61C 7/00 (2006.01)
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 (74) AJ PARK
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 (54) APPARATUSES, SYSTEMS, AND METHODS OF CONTROLLING SENSOR DEPLOYMENT
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H04B 17/318 (2015.01)
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H04W 52/24 (2009.01)
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 (54) SUBSTRATE FOR INSPECTION DEVICE, INSPECTION DEVICE, AND METHOD FOR MANUFACTURING INSPECTION DEVICE
 (51) Int. Cl.
G01N 35/08 (2006.01)
C12Q 1/68 (2018.01)
G01N 37/00 (2006.01)
 (87) WO2023/248635
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 (72) MONJU, Takuya; HIRAKAWA, Manabu
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 (51) Int. Cl.
G07F 17/32 (2006.01)
G06Q 20/06 (2012.01)
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E04G 25/06 (2006.01)
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 (72) PLANK, Anton; AUGUSTIN, Alexander
 (74) Spruson & Ferguson
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- (71) DOLBY INTERNATIONAL AB
 (11) AU-A-2023290448
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 (54) METHODS, SYSTEMS AND APPARATUS FOR ACOUSTIC 3D EXTENT MODELING FOR VOXEL-BASED GEOMETRY REPRESENTATIONS
 (51) Int. Cl.
H04S 7/00 (2006.01)
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(74) Spruson & Ferguson

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(54) SPATIAL AUDIO RENDERING ADAPTIVE TO SIGNAL LEVEL AND LOUDSPEAKER PLAYBACK LIMIT THRESHOLDS
(51) Int. Cl.
H04S 7/00 (2006.01)
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(54) PISTON COMPRESSOR AND MOBILE REFRIGERATOR COMPRISING SAME
(51) Int. Cl.
F04B 39/12 (2006.01)
(87) WO2024/002116
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(72) HAO, Haibo; GUAN, Weixian; WANG, Peng
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(54) REPARIXIN LIQUID SUSPENSIONS
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A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
A61K 47/26 (2006.01)
A61K 47/32 (2006.01)
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(51) Int. Cl.
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(21) 2023304530 (22) 30.06.2023
(54) METHOD AND APPARATUS FOR PRESENTING CONTENT, AND DEVICE AND STORAGE MEDIUM
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G06F 16/9536 (2019.01)
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(72) QIU, Hao; WANG, Yang; WANG, Anqi
(74) Griffith Hack

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(51) Int. Cl.
C08G 18/12 (2006.01)
C08G 18/18 (2006.01)
C08G 18/32 (2006.01)
C08G 18/40 (2006.01)
C08G 18/48 (2006.01)
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C08K 5/00 (2006.01)
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C08L 75/08 (2006.01)
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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H05K 5/00 (2006.01)
A01D 34/416 (2006.01)
A01D 34/90 (2006.01)
A01G 3/037 (2006.01)
B23Q 11/08 (2006.01)
B24B 23/00 (2006.01)
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F02B 63/04 (2006.01)
F02B 77/08 (2006.01)
F02N 3/02 (2006.01)
F16P 1/02 (2006.01)
H02B 1/14 (2006.01)
H02B 1/28 (2006.01)
H02K 5/02 (2006.01)
H02K 5/04 (2006.01)
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A61K 31/7088 (2006.01)
A61K 31/712 (2006.01)
A61P 21/00 (2006.01)
C12N 15/113 (2010.01)
A61K 38/40 (2006.01)
A61K 39/395 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) BIOIMPEDANCE-BASED FEEDBACK FOR MEDICAL PROCEDURES
(51) Int. Cl.
A61B 5/0538 (2021.01)
A61B 5/00 (2006.01)
A61B 5/251 (2021.01)
A61B 17/00 (2006.01)
A61F 2/24 (2006.01)
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(74) Spruson & Ferguson

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METHODS OF MAKING THE SAME,
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OF THE SAME
(51) Int. Cl.
A61F 2/24 (2006.01)
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A61P 29/00 (2006.01)
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YANG, Chiao-Wen
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Thomas Brad
(74) AJ PARK
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LAYERED STRUCTURE, FUNCTION-
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WEAR CONTAINING THE SAME, AND
THEIR METHODS OF MANUFAC-
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G02C 7/10 (2006.01)
G02B 5/22 (2006.01)
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C04B 20/02 (2006.01)
C04B 28/02 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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FOR THE TREATMENT OF INFLAM-
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A61K 36/315 (2006.01)
A61K 36/9066 (2006.01)
A61P 1/04 (2006.01)
A61P 1/16 (2006.01)
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(54) POST-MOLD PROCESSING OF PRE-
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(51) Int. Cl.
B29C 49/64 (2006.01)
B29C 49/68 (2006.01)
B29C 45/00 (2006.01)
B29C 45/72 (2006.01)
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B29C 49/06 (2006.01)
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(43) 28.12.2023
(72) SICILIA, Robert D.
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(21) 2023297115 (22) 29.06.2023
(54) CONSTRUCTION MATERIAL WORK-
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(51) Int. Cl.
E04G 21/04 (2006.01)
B25J 5/00 (2006.01)
B25J 9/02 (2006.01)
B25J 9/10 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 19/02 (2006.01)
B29C 64/106 (2017.01)
B29C 64/209 (2017.01)
B29C 64/393 (2017.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 50/02 (2015.01)
B60P 1/48 (2006.01)
B60P 1/54 (2006.01)
G01S 17/66 (2006.01)
G05D 3/00 (2006.01)
G05G 23/00 (2006.01)
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(71) FIRST QUALITY TISSUE, LLC (11) AU-A-2023292707 (21) 2023292707 (22) 01.08.2023 (54) WET LAID PAPER AND PAPERBOARD PRODUCTS WITH HIGH WET STRENGTH AND METHOD OF MAKING THE SAME (51) Int. Cl. <i>D21H 27/00</i> (2006.01) <i>A47K 10/02</i> (2006.01) <i>A47K 10/16</i> (2006.01) <i>D21H 11/00</i> (2006.01)	(71) FLUENCE ENERGY, LLC (11) AU-A-2022468102 (21) 2022468102 (22) 22.09.2022 (54) CELL AND RACK PERFORMANCE MONITORING SYSTEM AND METHOD (51) Int. Cl. <i>G01R 31/382</i> (2019.01) <i>G01R 31/392</i> (2019.01) <i>B60L 53/60</i> (2019.01) <i>H01M 10/44</i> (2006.01) <i>H02J 7/00</i> (2006.01) (87) WO2024/010601 (31) 17810983 (32) 06.07.22 (33) US (43) 11.01.2024 (72) BOHINSKY, Amy; GUERIN, John, T.; MALIK, Abhishek; PATEL, Kashish (74) Spruson & Ferguson	(71) FREMONTA CORPORATION (11) AU-A-2023284397 (21) 2023284397 (22) 09.06.2023 (54) MANUAL SAMPLING DEVICE AND METHODS

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A41D 19/015 (2006.01)
A61B 42/20 (2016.01)
G01N 1/02 (2006.01)
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(72) HUANG, Yongqing; WU, Wei; HOFFMANN, Garth; WU, Florence Q.; WILHELMSEN, Eric Child
(74) Kings Patent & Trade Marks Attorneys Pty Ltd
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- (71) FUJIAN EACON TECHNOLOGY CO., LTD.
(11) AU-A-2023432025
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(54) METHOD AND APPARATUS FOR CONTROLLING WORK VEHICLE, ELECTRONIC DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
G06Q 10/047 (2023.01)
G05D 1/43 (2024.01)
G05D 1/646 (2024.01)
G06Q 50/02 (2012.01)
G07C 5/08 (2006.01)
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(72) HE, Yudong
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
A61L 27/18 (2006.01)
A61L 27/20 (2006.01)
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C12M 3/00 (2006.01)
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(31) 2022-100731 (32) 22.06.22 (33) JP
2023-054932 30.03.23 JP
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(72) HORI Hideo; FUJITA Nobuyuki; KAWABATA Soya
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(54) INFORMATION PROCESSING PROGRAM, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING DEVICE
(51) Int. Cl.
G06F 16/35 (2019.01)
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(51) Int. Cl.
A01N 31/16 (2006.01)
A01N 43/90 (2006.01)
A01N 45/00 (2006.01)
A01N 59/06 (2006.01)
A01N 59/16 (2006.01)
A01N 65/40 (2009.01)
A01P 3/00 (2006.01)
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D01F 8/06 (2006.01)
D01D 5/00 (2006.01)
D01F 1/10 (2006.01)
D03D 15/283 (2021.01)
D03D 15/292 (2021.01)
D03D 15/47 (2021.01)
D03D 15/513 (2021.01)
D04B 21/16 (2006.01)
- (87) WO2023/230669
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(21) 2023286517 (22) 22.06.2023
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C12N 5/075 (2010.01)
- (87) WO2023/250101
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(51) Int. Cl.
A61K 31/395 (2006.01)
- A61K 31/33** (2006.01)
A61K 31/404 (2006.01)
A61K 31/407 (2006.01)
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(54) APPARATUS AND METHOD FOR MONITORING A MILKING PROCESS
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A01J 5/007 (2006.01)
A01J 5/01 (2006.01)
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(51) Int. Cl.
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
C07K 14/715 (2006.01)
C07K 16/28 (2006.01)
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G06T 1/00 (2006.01)
G06T 7/215 (2017.01)
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 (54) SYSTEM AND METHOD FOR ASSISTING GIFTERS WITH FINDING GIFTS FOR RECIPIENTS
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G06Q 30/0601 (2023.01)
G06F 16/903 (2019.01)
G06F 16/20 (2019.01)
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 (51) Int. Cl.
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G06F 1/18 (2006.01)
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G06F 21/86 (2013.01)
H05K 5/00 (2006.01)
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 (54) CONNECTING ASSEMBLY AND CONNECTING SYSTEM
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F16B 12/20 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (21) 2024238614 (22) 12.03.2024
 (54) ELECTRONIC UNIT FOR DETECTING AT LEAST ONE ELECTRICAL FAULT FOR AN ELECTRICAL PROTECTION DEVICE HAVING A MODULAR FORMAT, AND ASSOCIATED ELECTRICAL PROTECTION DEVICE HAVING A MODULAR FORMAT
 (51) Int. Cl.
H01H 9/02 (2006.01)
H01H 83/22 (2006.01)
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 (54) ISOLATED ANTIGEN-BINDING PROTEIN AND USE THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 (54) METHOD OF PRODUCING ALUMINUM CAN SHEET
 (51) Int. Cl.
C22C 21/00 (2006.01)
C22C 21/06 (2006.01)
C22F 1/04 (2006.01)
C22F 1/047 (2006.01)
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G06F 21/62 (2013.01)
 (87) WO2024/013325
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (21) 2023274277 (22) 15.05.2023
 (54) DEVICE AND METHOD FOR SPRAYING A MULTICOMPONENT PLASTIC MATERIAL
 (51) Int. Cl.
B01F 23/213 (2022.01)
B01F 25/432 (2022.01)
B01F 33/501 (2022.01)
B01F 35/71 (2022.01)
B05B 7/04 (2006.01)
B05B 7/12 (2006.01)
B05B 15/65 (2018.01)
B05C 17/005 (2006.01)
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 (54) KIT AND METHOD FOR SELF-SAMPLING EARWAX AND FOR IN SITU MEASUREMENT OF BIOMARKERS USING SAID EARWAX
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G01N 33/483 (2006.01)
G01N 33/58 (2006.01)
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(54) METHOD AND APPARATUS FOR METALS, ALLOYS, MATTES, OR ENRICHED AND CLEANED SLAGS PRODUCTION FROM PREDOMINANTLY OXIDE FEEDS
(51) Int. Cl.
C21B 13/12 (2006.01)
C21B 13/14 (2006.01)
C21C 5/52 (2006.01)
C22B 4/08 (2006.01)
F27B 3/08 (2006.01)
F27B 3/19 (2006.01)
F27B 3/20 (2006.01)
F27B 3/22 (2006.01)
F27D 3/16 (2006.01)
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(54) AROMATIC COMPOUND, METHOD FOR PREPARING SAME, AND USE THEREOF IN PREPARATION OF ESTROGEN RECEPTOR DEGRADER
(51) Int. Cl.
C07D 471/10 (2006.01)
A61K 31/352 (2006.01)
A61K 31/4725 (2006.01)
A61K 31/496 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
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G06Q 50/10 (2012.01)
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(54) MULTIPURPOSE C-SHAPED STEEL STRUCTURAL MEMBER
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E04B 1/24 (2006.01)
E04B 9/06 (2006.01)
F16S 3/00 (2006.01)
H02S 30/00 (2014.01)
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A61B 5/16 (2006.01)
A61N 1/36 (2006.01)
G01R 33/48 (2006.01)
(87) WO2023/239647
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(21) 2023288123 **(22)** 21.06.2023
(54) CRYSTALLINE PHARMACEUTICAL COMPOSITION FOR INHALATION COMPRISING SUGAR AND LIPID COMPOSITE PARTICLES AND PROCESS FOR MANUFACTURE
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/14 (2006.01)
A61K 31/496 (2006.01)
A61K 31/7048 (2006.01)
A61K 31/706 (2006.01)
A61K 47/24 (2006.01)
A61K 47/26 (2006.01)
(87) WO2023/247952
(31) 118060 **(32)** 21.06.22 **(33)** PT
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(72) FERNANDES, Beatriz; AMORIM, Rodrigo
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(51) Int. Cl.
A61K 9/16 (2006.01)
A61K 9/00 (2006.01)
A61K 31/58 (2006.01)
A61K 31/706 (2006.01)
A61K 47/18 (2017.01)
A61M 15/00 (2006.01)
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(31) 118081 **(32)** 04.07.22 **(33)** PT
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(21) 2023283319 **(22)** 02.06.2023
(54) PREDICTION OF BONE BASED ON POINT CLOUD
(51) Int. Cl.
A61B 17/15 (2006.01)
A61B 34/10 (2016.01)
A61B 90/00 (2016.01)
(87) WO2023/239611
(31) 63/350,768 **(32)** 09.06.22 **(33)** US
(43) 14.12.2023
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(74) FB Rice Pty Ltd
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(11) AU-A-2023284865
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(54) POINT CLOUD NEURAL NETWORKS FOR LANDMARK ESTIMATION FOR ORTHOPEDIC SURGERY
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G06T 7/00 (2017.01)
A61B 34/10 (2016.01)
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(51) Int. Cl.
A61B 34/10 (2016.01)
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(31) 63/350,785 **(32)** 09.06.22 **(33)** US
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(71) HUAWEI TECHNOLOGIES CO., LTD. (11) AU-A-2023304552 (21) 2023304552 (22) 05.07.2023 (54) COMMUNICATION METHOD, COMMUNICATION APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM (51) Int. Cl. H04B 17/382 (2015.01) H04L 25/49 (2006.01) (87) WO2024/008115 (31) 202210789946.5 (32) 06.07.22 (33) CN 202211415670.0 11.11.22 CN 202211510585.2 29.11.22 CN (43) 11.01.2024 (72) PENG, Xiaohui; QIAN, Bin; YANG, Xun; DONG, Mingjie; YAN, Min (74) PHILLIPS ORMONDE FITZPATRICK	(71) HYESNSBIO CO., LTD (11) AU-A-2023289280 (21) 2023289280 (22) 23.06.2023 (54) COMPOSITION COMPRISING CPNE7 PROTEIN OR CPNE7 PROTEIN-DERIVED PEPTIDE FOR REMOVING REACTIVE OXYGEN SPECIES IN CELLS (51) Int. Cl. A61K 38/17 (2006.01) A23L 33/18 (2016.01) A61K 38/08 (2019.01) A61K 47/55 (2017.01) A61P 17/00 (2006.01) A61P 39/06 (2006.01) C07K 7/06 (2006.01)	(71) ILLUMINA, INC. (11) AU-A-2024219208 (21) 2024219208 (22) 06.02.2024 (54) DETERMINING AND REMOVING INTER-CLUSTER LIGHT INTERFERENCE (51) Int. Cl. G16B 30/00 (2019.01) C12Q 1/6869 (2018.01) (87) WO2024/167954 (31) 63/483,428 (32) 06.02.23 (33) US (43) 15.08.2024 (72) PARNABY, Gavin Derek; OJARD, Eric Jon (74) Spruson & Ferguson (71) ILLUMINA, INC. (11) AU-A-2024266370 (21) 2024266370 (22) 03.05.2024 (54) MACHINE LEARNING MODEL FOR RECALIBRATING GENOTYPE CALLS FROM EXISTING SEQUENCING DATA FILES (51) Int. Cl. G16B 20/20 (2019.01) G16B 30/10 (2019.01)

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(72) MEHIO, Rami; PARNABY, Gavin Derek;
 VISVANATH, Arun; HUANG, Zhuoyi;
 DE BEER, Jacobus
(74) Spruson & Ferguson

(71) INDIAN FARMERS FERTILISER CO-
 OPERATIVE LIMITED
(11) AU-A-2023428714
(21) 2023428714 **(22)** 09.11.2023
(54) STABLE NANO NITROGEN-PHOS-
 PHOROUS CONTAINING FERTILISER
 AND METHOD OF MANUFACTURE
 THEREOF
(51) Int. Cl.
C05B 7/00 (2006.01)
B82Y 30/00 (2011.01)
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 AWASTHI, Udai Shanker; KUMAR, Yo-
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 Deepak Gajanan; SINGH, Tarunendu
(74) SOLIS IP PTY LTD

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(11) AU-A-2023282950
(21) 2023282950 **(22)** 07.06.2023
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 ERING HEAT FROM SOLIDS PRO-
 CESSSED IN A KILN
(51) Int. Cl.
F27D 17/00 (2006.01)
F27B 7/34 (2006.01)
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(21) 2023320312 **(22)** 28.07.2023
(54) NOVEL SALTS AND CRYSTALS
(51) Int. Cl.
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(43) 08.02.2024
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(74) PHILLIPS ORMONDE FITZPATRICK

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(72) CHRISTEN, Jules
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(71) IOVANCE BIOTHERAPEUTICS, INC.
(11) AU-A-2023298547
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(54) PACKAGING FOR BIOLOGICAL
 SAMPLES
(51) Int. Cl.
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B01L 3/00 (2006.01)
B65D 77/04 (2006.01)
B65D 81/18 (2006.01)
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(72) ROJESKI, Nicholas, T.; AMADOR,
 Jayson; PARKER, Matthew
(74) Pizzey's Patent and Trade Mark Attor-
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(11) AU-A-2023276924
(21) 2023276924 **(22)** 15.05.2023
(54) OCULAR NEEDLE GUIDE AND METH-
 OD TO FACILITATE ACCESS TO AN
 EYE
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A61F 9/00 (2006.01)
A61B 17/34 (2006.01)
A61M 5/32 (2006.01)
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(43) 30.11.2023
(72) FLEMING, James; JAIN, Sanjay;
 CEDRO, Rudolph; KENNEDY, Eric
 Steven; CRAFT, Travis Michael;
 KOENIG, Abigail
(74) Spruson & Ferguson

(71) JAPAN TOBACCO INC.
(11) AU-A-2023296188
(21) 2023296188 **(22)** 15.06.2023
(54) DIHYDROOXADIAZINONE COM-
 POUND AND PHARMACEUTICAL
 USE THEREOF
(51) Int. Cl.
C07D 273/04 (2006.01)
A61K 31/5395 (2006.01)
A61K 31/55 (2006.01)
A61P 7/02 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
C07D 413/04 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 491/08 (2006.01)

C07D 491/107 (2006.01)
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(43) 21.12.2023
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 TORIZUKA, Makoto; NAKAYAMA,
 Yasuaki; IKENOGAMI, Taku; MAEDA,
 Katsuya; OTAKE, Kazuki; SAKURAI,
 Kentaro
(74) PHILLIPS ORMONDE FITZPATRICK

(71) JCM AMERICAN CORPORATION
(11) AU-A-2023360631
(21) 2023360631 **(22)** 06.10.2023
(54) EVALUATING CURRENCY AND OTH-
 ER ARTICLES IN AREAS USING IM-
 AGE PROCESSING
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G07D 7/1205 (2016.01)
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G07D 11/50 (2019.01)
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(31) 18/045,174 **(32)** 09.10.22 **(33)** US
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(72) PECHINKO, Paul; KUBAJAK, David;
 NGUYEN, Mike; BLEVINS, Chris
(74) AJ PARK

(71) JIANGSU PYLON BATTERY CO., LTD.
(11) AU-A-2023428629
(21) 2023428629 **(22)** 14.11.2023
(54) POSITIVE ELECTRODE MATERIAL
 OF COMPOSITE SODIUM FERRIC
 SULFATE AND PREPARATION METH-
 OD THEREFOR, POSITIVE ELEC-
 TRODE AND SODIUM-ION BATTERY
(51) Int. Cl.
H01M 4/583 (2010.01)
H01M 10/39 (2006.01)
(31) 202310755581.9 **(32)** 25.06.23 **(33)** CN
(43) 16.01.2025
(72) LI, Xiang; YANG, Qingheng; WANG, Ji-
 an; ZHANG, Weiqing; YANG, Cheng;
 CHEN, Keju; ZHANG, Ningning
(74) Madderns Pty Ltd

(71) JOHNSON & JOHNSON VISION
 CARE, INC.
(11) AU-A-2024259656
(21) 2024259656 **(22)** 25.06.2024
(54) PRESBYOPIA-CORRECTING LENS
 SYSTEMS HAVING HYPEROPIC / MY-
 OPIC CORRECTION-DEPENDENT
 DESIGNS
(51) Int. Cl.
G02C 7/04 (2006.01)
(31) 63/523,418 **(32)** 27.06.23 **(33)** US
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(72) NANKIVIL, Derek; ZANGOULOS, Julia
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(71) JURA ELEKTROAPPARATE AG
(11) AU-A-2023281192
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A61K 47/54 (2017.01)
A61K 51/04 (2006.01)
A61K 49/00 (2006.01)
A61P 35/00 (2006.01)
C09B 23/01 (2006.01)
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(31) 63/344,972 (32) 23.05.22 (33) US
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(72) SMALL, Lyle D.; WANG, Ruizheng;
CRIPPEN, Shane M.
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2023343096
(21) 2023343096 (22) 12.09.2023
(54) PEAK CONSUMPTION MANAGEMENT FOR RESOURCE DISTRIBUTION SYSTEM
(51) Int. Cl.
G06Q 10/06 (2023.01)
(87) WO2024/059527
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(74) Davies Collison Cave Pty Ltd
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ASKEGAARD, Gunnar Paul; IYER,
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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H04H 20/67 (2008.01)
G06F 16/29 (2019.01)
H04H 20/57 (2008.01)
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(72) DEVINE, Christopher F.; DEVINE, Matthew F.; DUCEY, Richard V.; ROBERSON, Dennis A.; MACTAVISH, Thomas J.
(74) PHILLIPS ORMONDE FITZPATRICK
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(51) Int. Cl.
G06F 13/40 (2006.01)
H04N 21/431 (2011.01)
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H04R 5/02 (2006.01)
H04R 5/04 (2006.01)
H04S 3/00 (2006.01)
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D06F 58/20 (2006.01)
A61L 2/07 (2006.01)
D06F 39/00 (2024.01)
D06F 58/10 (2006.01)
D06F 58/24 (2006.01)
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G16B 25/20 (2019.01)
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F28F 9/013 (2006.01)
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A61B 5/16 (2006.01)
A61B 5/377 (2021.01)
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B63C 9/15 (2006.01)
B63C 9/28 (2006.01)
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A61K 47/02 (2006.01)
A61P 35/00 (2006.01)
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A61K 31/137 (2006.01)
C07D 317/48 (2006.01)
A61P 25/00 (2006.01)
C07B 57/00 (2006.01)
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B25J 9/00 (2006.01)
B02C 17/22 (2006.01)
B23P 19/04 (2006.01)
B23P 19/08 (2006.01)
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B25J 5/02 (2006.01)
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C25B 15/023 (2021.01)
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D04H 1/4234 (2012.01)
C25B 11/031 (2021.01)
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C02F 1/26 (2023.01)
B01D 11/02 (2006.01)
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C09K 23/14 (2022.01)
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A61B 34/00 (2016.01)
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G16H 10/00 (2018.01)
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H04W 4/10 (2009.01)
H04W 24/02 (2009.01)
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C07C 403/20 (2006.01)
A61K 31/203 (2006.01)
A61P 17/00 (2006.01)
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H04L 9/00 (2022.01)
G06F 16/13 (2019.01)
G06F 16/182 (2019.01)
G06F 21/60 (2013.01)
G06F 21/64 (2013.01)
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C12Q 1/6827 (2018.01)
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H02S 20/20 (2014.01)
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A61N 1/36 (2006.01)
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G01R 33/20 (2006.01)
B82Y 15/00 (2011.01)
G01N 24/08 (2006.01)
G01R 33/02 (2006.01)
G01R 33/12 (2006.01)
H01L 21/02 (2006.01)
H01L 21/027 (2006.01)
H10K 50/11 (2023.01)
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B01D 63/06 (2006.01)
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B64D 27/24 (2024.01)
B64G 1/00 (2006.01)
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H01M 4/00 (2006.01)
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B64G 1/42 (2006.01)
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B64U 50/34 (2023.01)
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A61M 5/142 (2006.01)
A61M 37/00 (2006.01)
A61N 1/04 (2006.01)
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A01C 1/06 (2006.01)
C05G 3/30 (2020.01)
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A61K 39/00 (2006.01)
A61P 3/04 (2006.01)
C07K 7/06 (2006.01)
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C07K 14/685 (2006.01)
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C09D 7/45 (2018.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01P 1/00 (2006.01)
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C09D 7/63 (2018.01)
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A23J 1/00 (2006.01)
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B01D 36/02 (2006.01)
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B04B 5/04 (2006.01)
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B04B 5/04 (2006.01)
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C09K 8/467 (2006.01)
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A61F 2/16 (2006.01)
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C12Q 1/6809 (2018.01)
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F03D 80/00 (2016.01)
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A61K 31/519 (2006.01)
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A61P 35/00 (2006.01)
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C01F 17/10 (2020.01)
C22B 9/02 (2006.01)
C22B 9/04 (2006.01)
C22B 59/00 (2006.01)
G21G 1/06 (2006.01)
A61K 33/244 (2019.01)
B01D 7/00 (2006.01)
C01F 17/20 (2020.01)

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(74) Patentec Patent Attorneys

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B82Y 10/00 (2011.01)
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C07K 16/28 (2006.01)
A61K 35/14 (2015.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/46 (2006.01)
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A61K 47/60 (2017.01)
A61K 47/69 (2017.01)
A61P 25/00 (2006.01)
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Seon
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PARATION PROCESS THEREOF AND
THEIR USE IN TREATING INFLAM-
MATORY DISEASES
(51) Int. Cl.
C07D 413/08 (2006.01)
A61P 29/00 (2006.01)
C07D 413/10 (2006.01)
C07D 413/14 (2006.01)
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Thomas Michael
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B64D 35/00 (2006.01)
B64C 11/48 (2006.01)
B64C 27/12 (2006.01)
B64D 27/24 (2006.01)
B64U 10/13 (2023.01)
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& NEPHEW ORTHOPAEDICS AG;
SMITH & NEPHEW ASIA PACIFIC
PTE. LIMITED
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(74) Patent Attorney Services
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S.A.
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B65B 9/04 (2006.01)
B65B 9/08 (2012.01)
B65B 29/02 (2006.01)
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A23L 33/155 (2016.01)
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A61K 33/26 (2006.01)
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G01N 27/30 (2006.01)
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H02S 40/38 (2014.01)
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A61K 35/17 (2015.01)
A61P 37/06 (2006.01)
C07K 14/55 (2006.01)
C07K 14/715 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/867 (2006.01)
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G01R 33/3415 (2006.01)
H05H 1/30 (2006.01)
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G01H 9/00 (2006.01)
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C07D 401/04 (2006.01)
A61K 31/198 (2006.01)
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A61K 45/00 (2006.01)
A61P 21/00 (2006.01)
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G01M 7/02 (2006.01)
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C07K 19/00 (2006.01)
C12N 9/16 (2006.01)
C12N 9/22 (2006.01)
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C25B 1/04 (2021.01)
B01D 53/00 (2006.01)
C25B 9/70 (2021.01)
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G16B 20/00 (2019.01)
G06N 20/20 (2019.01)
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A61B 34/10 (2016.01)
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B82Y 5/00 (2011.01)
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A61K 48/00 (2006.01)
C12N 15/67 (2006.01)
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C12N 7/00 (2006.01)
A61K 31/7052 (2006.01)
A61K 31/7056 (2006.01)
A61K 35/76 (2015.01)
A61P 31/04 (2006.01)
C12N 1/06 (2006.01)
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C08L 5/00 (2006.01)
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C12Q 1/6876 (2018.01)
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C12N 5/0775 (2010.01)
C12Q 1/6869 (2018.01)
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F16G 13/12 (2006.01)
B21J 1/04 (2006.01)
F16G 15/12 (2006.01)
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H01L 31/00 (2006.01)
C23C 14/08 (2006.01)
C23C 14/14 (2006.01)
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A61K 31/135 (2006.01)
A61P 29/02 (2006.01)
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B01D 53/32 (2006.01)
A62D 3/19 (2007.01)
B01J 19/08 (2006.01)
H05H 1/34 (2006.01)
H05H 1/42 (2006.01)
H05H 1/48 (2006.01)
A62D 101/22 (2007.01)
C02F 101/12 (2006.01)
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(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 9/64 (2006.01)
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C07C 219/06 (2006.01)
A61K 9/00 (2006.01)
C07C 229/12 (2006.01)
C07C 229/22 (2006.01)
C07C 233/20 (2006.01)
C07D 205/04 (2006.01)
C07D 207/08 (2006.01)
C07D 207/16 (2006.01)
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F03B 17/06 (2006.01)
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(43) 21.12.2023
(72) VAN BRIEMEN, Johannes, Willem; VAN DIJK, Ronald
(74) DAVIS IP PTY LTD

(71) TVARDI THERAPEUTICS, INC.
(11) AU-A-2023292912
(21) 2023292912 (22) 09.06.2023
(54) PRODRUGS OF STAT3 INHIBITORS
(51) Int. Cl.
A61P 35/00 (2006.01)
C07F 9/12 (2006.01)
C07F 9/6574 (2006.01)
(87) WO2023/244946
(31) 63/366,437 (32) 15.06.22 (33) US
(43) 21.12.2023
(72) ALIBHAI, Imran; DE ACHAVAL, Sofia; LARSON, Jeffrey; HENKE, Brad
(74) FB Rice Pty Ltd

(71) UNICHARM CORPORATION
(11) AU-A-2023300812
(21) 2023300812 (22) 27.06.2023
(54) DIAPER
(51) Int. Cl.
A61F 13/511 (2006.01)
A61F 13/42 (2006.01)
A61F 13/494 (2006.01)
A61F 13/532 (2006.01)
A61F 13/533 (2006.01)
(87) WO2024/005031
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PCT/ 17.05.23 JP
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(43) 04.01.2024
(72) TSUJII Maki
(74) Allens Patent & Trade Mark Attorneys

(71) UNIVERSITY OF GALWAY
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(21) 2023288066 (22) 21.06.2023
(54) AN EXTENDED DURATION INFUSION SYSTEM
(51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 5/172 (2006.01)
(87) WO2023/247650
(31) 22180265.5 (32) 21.06.22 (33) EP
(43) 28.12.2023
(72) WYLIE, Robert; CONNOLLY, Jack; DUFFY, Garry; DOLAN, Eimear; SCHREIBER, Lucien
(74) Madderns Pty Ltd

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(21) 2023298542 (22) 28.06.2023
(54) METHODS AND COMPOSITIONS FOR CAS IMMUNE TOLERANCE INDUCTION TO SUPPORT CRISPR-CAS IN VIVO GENE EDITING
(51) Int. Cl.
A61K 39/09 (2006.01)
A61K 31/203 (2006.01)
A61K 31/436 (2006.01)
A61K 39/00 (2006.01)
A61K 47/58 (2017.01)
A61P 37/06 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
C12N 15/87 (2006.01)
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(87) WO2024/006849
(31) 63/356,932 (32) 29.06.22 (33) US
(43) 04.01.2024
(72) BALMERT, Stephen C.; FALO, Louis D.; LITTLE, Steven R.; RAULET, David H.; BARTON, Gregory M.; KORKMAZ, Emrullah
(74) PHILLIPS ORMONDE FITZPATRICK

(71) UOP LLC
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 (51) Int. Cl.
H01M 8/18 (2006.01)
H01M 8/04186 (2016.01)
H01M 8/04313 (2016.01)
H01M 8/04746 (2016.01)
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 (43) 01.02.2024
 (72) WU, Jinfeng; MILLER, Stuart, R.
 (74) Patent Attorney Services

(71) UPM-KYMMENE CORPORATION
 (11) AU-A-2023300577
 (21) 2023300577 (22) 28.06.2023
 (54) COATED FERTILIZER, METHOD FOR PREPARATION AND USE THEREOF
 (51) Int. Cl.
C05G 5/30 (2020.01)
 (87) WO2024/003455
 (31) 20225610 (32) 30.06.22 (33) FI
 (43) 04.01.2024
 (72) PIETARINEN, Suvi; KAMARA, Ibrahim
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) VALLABHANENI, R.
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 (21) 2023280463 (22) 31.05.2023
 (54) METHOD AND SYSTEM FOR ISOLATING AND PROFILING OF ONCOSOMES FOR EARLY DETECTION AND MONITORING OF ALL HUMAN CANCERS FROM PERIPHERAL BLOOD
 (51) Int. Cl.
C12Q 1/6806 (2018.01)
C12Q 1/6841 (2018.01)
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 (72) VALLABHANENI, Ramesh
 (74) PIPERS

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B64U 70/90 (2023.01)
B64F 1/36 (2024.01)
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 (43) 30.11.2023
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 (74) GLMR

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 (51) Int. Cl.
E04B 2/30 (2006.01)
E04B 2/02 (2006.01)
E04B 2/18 (2006.01)
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 (31) 2022/5511 (32) 27.06.22 (33) BE
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 (72) VANDENBEMPT, Patrick
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 (54) SYSTEMS AND METHODS OF IMPROVING SLEEP DISORDERED BREATHING
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A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/08 (2006.01)
A61N 1/05 (2006.01)
 (87) WO2024/006529
 (31) 63/357,137 (32) 30.06.22 (33) US
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 (72) KENT, David T.
 (74) ACROGON GROUP PTY LTD

(71) VIASAT, INC.
 (11) AU-A-2022466765
 (21) 2022466765 (22) 29.06.2022
 (54) SELF-INSTALLATION OF PHASED ARRAY ANTENNA USING AUGMENTED REALITY
 (51) Int. Cl.
H01Q 3/00 (2006.01)
H04B 17/10 (2015.01)
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 (72) PROVOST, Stephane J.
 (74) Adams Pluck

(71) VIROMISSILE, INC.
 (11) AU-A-2023302376
 (21) 2023302376 (22) 07.07.2023
 (54) ONCOLYTIC VACCINIA VIRUSES AND RECOMBINANT VIRUSES AND METHODS OF USE THEREOF
 (51) Int. Cl.
A61K 35/768 (2015.01)
A61K 38/19 (2006.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
 (87) WO2024/011250
 (31) 63/368,029 (32) 08.07.22 (33) US
 (43) 11.01.2024
 (72) CHEN, Nanhai George
 (74) Davies Collison Cave Pty Ltd

(71) VOLTA LABS, INC.
 (11) AU-A-2023283896
 (21) 2023283896 (22) 09.06.2023

(54) SURFACE STRUCTURE FOR FLUID MANIPULATION
 (51) Int. Cl.
A61L 31/08 (2006.01)
A61L 31/10 (2006.01)
A61L 31/14 (2006.01)
A61L 27/50 (2006.01)
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 (74) FB Rice Pty Ltd

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 (21) 2023289375 (22) 21.06.2023
 (54) VLA4 INHIBITORS AND USES THEREOF
 (51) Int. Cl.
C07D 207/48 (2006.01)
A61K 47/60 (2017.01)
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 (74) Spruson & Ferguson

(71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
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 (21) 2023317213 (22) 25.05.2023
 (54) DISPLACEABLE SHOE TRACK
 (51) Int. Cl.
E21B 33/14 (2006.01)
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 (72) BOCK, Micheal; MASSEY, Travis W.; TRINE, Zachary S.; MOGENSEN, Ryan
 (74) WRAYS PTY LTD

(71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
 (11) AU-A-2023318383
 (21) 2023318383 (22) 13.06.2023
 (54) REDUCTION OF EQUIVALENT CIRCULATING DENSITY IN WELL OPERATIONS
 (51) Int. Cl.
E21B 4/02 (2006.01)
E21B 21/08 (2006.01)
F03B 13/02 (2006.01)
F04C 2/107 (2006.01)
 (87) WO2024/028662
 (31) 17/817,079 (32) 03.08.22 (33) US
 (43) 08.02.2024
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 (74) WRAYS PTY LTD

(71) WILLIS GROUP LIMITED
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(51) Int. Cl.
G06N 3/08 (2023.01)
G06N 20/20 (2019.01)
(87) WO2024/003573
(31) 17/810,245 (32) 30.06.22 (33) US
(43) 04.01.2024
(72) LACKEY, Bradley Curtis; YAKOUBOV, Yakoub Hassanov
(74) Michael Buck IP

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(11) AU-A-2023300603
(21) 2023300603 (22) 30.06.2023
(54) STRATIFYING CONDITIONAL CUMULATIVE DISTRIBUTION MODELS
(51) Int. Cl.
G06F 30/20 (2020.01)
G06F 111/08 (2020.01)
(87) WO2024/003581
(31) 17/810,276 (32) 30.06.22 (33) US
(43) 04.01.2024
(72) MCGUINNESS, Andrew John; LACKEY, Bradley Curtis
(74) Michael Buck IP

(71) WILLIS GROUP LIMITED
(11) AU-A-2023301574
(21) 2023301574 (22) 30.06.2023
(54) RESAMPLING SIMULATION RESULTS FOR CORRELATED EVENTS
(51) Int. Cl.
G06F 30/20 (2020.01)
G06F 111/08 (2020.01)
(87) WO2024/003574
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(43) 04.01.2024
(72) MCGUINNESS, Andrew John; LACKEY, Bradley Curtis; YAKOUBOV, Yakoub Hassanov
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(71) WING AVIATION LLC
(11) AU-A-2023285052
(21) 2023285052 (22) 09.06.2023
(54) UAV AUTOLOADER SYSTEMS AND METHODS
(51) Int. Cl.
B64D 1/22 (2006.01)
B64C 39/02 (2023.01)
B64U 101/67 (2023.01)
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(72) PRAGER, Andre; HAMMOND, Marcus; JENKINS, Kevin; QUI, Ivan; LEWIN, Jasper
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(11) AU-A-2023292505
(21) 2023292505 (22) 15.06.2023
(54) CURBSIDE UAV LOADING
(51) Int. Cl.

G06Q 10/08 (2024.01)
B64C 39/02 (2023.01)
B64D 1/22 (2006.01)
B64U 101/67 (2023.01)
(87) WO2023/244766
(31) 63/366,455 (32) 15.06.22 (33) US
(43) 21.12.2023
(72) WOODWORTH, Adam; PRAGER, André; HAMMOND, Marcus; JENKINS, Kevin; QUI, Ivan; LEWIN, Jasper; LESSER, Jonathan; MARSHMAN, Elizabeth
(74) Spruson & Ferguson

(71) WING AVIATION LLC
(11) AU-A-2023305544
(21) 2023305544 (22) 10.07.2023
(54) SLOTTED RECEPTACLE FOR PAYLOAD HANDLE TO SECURE PAYLOAD WITHIN A UAV
(51) Int. Cl.
B64D 1/22 (2006.01)
B64C 39/02 (2023.01)
B64D 1/10 (2006.01)
B66D 1/60 (2006.01)
B64U 101/60 (2023.01)
B64U 101/67 (2023.01)
(87) WO2024/015732
(31) 17/865,003 (32) 14.07.22 (33) US
(43) 18.01.2024
(72) BLAKE, Jesse; PRAGER, André; TWYFORD, Evan; QUI, Ivan; LEWIN, Jasper
(74) Spruson & Ferguson

(71) WING AVIATION LLC
(11) AU-A-2023307180
(21) 2023307180 (22) 11.07.2023
(54) SMART CARGO BAY DOOR(S) FOR A UAV
(51) Int. Cl.
B64C 1/14 (2006.01)
B64C 39/02 (2023.01)
B64D 1/22 (2006.01)
B64U 101/67 (2023.01)
(87) WO2024/015756
(31) 17/864,975 (32) 14.07.22 (33) US
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(72) BLAKE, Jesse; PRAGER, André; TWYFORD, Evan; QUI, Ivan; LEWIN, Jasper
(74) Spruson & Ferguson

(71) WING AVIATION LLC
(11) AU-A-2023307186
(21) 2023307186 (22) 14.07.2023
(54) UAV WITH UPPER DOOR INCLUDING WINCH AND METHOD OF OPERATION
(51) Int. Cl.
B64C 1/14 (2006.01)
B64C 39/02 (2023.01)
B64D 1/22 (2006.01)
B64U 101/67 (2023.01)
(87) WO2024/015961
(31) 17/865,058 (32) 14.07.22 (33) US
(43) 18.01.2024
(72) BLAKE, Jesse; PRAGER, André; TWYFORD, Evan; QUI, Ivan; LEWIN, Jasper
(74) Spruson & Ferguson

(71) WING AVIATION LLC
(11) AU-A-2023333622
(21) 2023333622 (22) 14.07.2023
(54) UAV WITH OPEN CARGO BAY AND METHOD OF OPERATION
(51) Int. Cl.
B64D 1/22 (2006.01)
B64C 39/02 (2023.01)
B64D 1/10 (2006.01)
B64U 101/67 (2023.01)
(87) WO2024/050178
(31) 17/865,078 (32) 14.07.22 (33) US
(43) 07.03.2024
(72) BLAKE, Jesse; PRAGER, Andre; TWYFORD, Evan; QUI, Ivan; LEWIN, Jasper
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(71) WING AVIATION LLC
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(21) 2023355991 (22) 09.06.2023
(54) UAV AUTOLOADER SYSTEMS AND METHODS
(51) Int. Cl.
B64F 1/32 (2006.01)
B64D 1/22 (2006.01)
B64U 101/67 (2023.01)
(87) WO2024/076396
(31) 63/366,114 (32) 09.06.22 (33) US
(43) 11.04.2024
(72) PRAGER, Andre; HAMMOND, Marcus; JENKINS, Kevin; QUI, Ivan; LEWIN, Jasper
(74) Spruson & Ferguson

(71) WISEDOCS INC.
(11) AU-A-2023314830
(21) 2023314830 (22) 28.07.2023
(54) SYSTEM AND METHOD FOR AUTOMATED FILE REPORTING
(51) Int. Cl.
G06F 16/901 (2019.01)
G06F 16/906 (2019.01)
G06F 16/93 (2019.01)
G06Q 40/08 (2012.01)
G06V 10/82 (2022.01)
G06V 30/10 (2022.01)
G16H 10/60 (2018.01)
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(43) 01.02.2024
(72) ATCHISON, Connor; ABRAHAM, Rajiv; SUN, Wei; JUGDEO, Ryan; ZOVIC, Leo
(74) FB Rice Pty Ltd

(71) WONDERLAND SWITZERLAND AG
(11) AU-A-2023295028
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(54) PLAYARD ASSEMBLY INCLUDING PLAYARD AND TOPPER ASSEMBLY WITH CORNER CONNECTOR INTERFACE
(51) Int. Cl.
A47D 9/00 (2006.01)
A47D 7/04 (2006.01)
A47D 13/06 (2006.01)

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(72) CLEMMER, Lance, J.; SAINT, Nathanael; PACELLA, Jonathan, M.
(74) PIPERS
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(11) AU-A-2023277289
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(54) WIND TURBINE AND WIND POWER PLANT
(51) Int. Cl.
F03D 1/02 (2006.01)
F03D 3/02 (2006.01)
(87) WO2023/229467
(31) 20220604 (32) 23.05.22 (33) NO
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(43) 30.11.2023
(72) BERNOFF, Hans; KNUTSEN, Stian Valentin
(74) Spruson & Ferguson
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(11) AU-A-2023286092
(21) 2023286092 (22) 20.06.2023
(54) IMAGE COMPRESSION AND ANALYSIS
(51) Int. Cl.
H04N 19/132 (2014.01)
G06T 7/00 (2017.01)
G06T 7/11 (2017.01)
G06T 9/00 (2006.01)
G16H 30/20 (2018.01)
H04N 19/14 (2014.01)
H04N 19/154 (2014.01)
H04N 19/167 (2014.01)
H04N 19/17 (2014.01)
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(43) 28.12.2023
(72) SCHOLLER, Jules Rene Raymond; JONSSON, Joel Axel Christopher; CHEESEMAN, Bevan Leslie; SBALZARINI, Ivo Fabian; LAMY, Christophe M.
(74) Spruson & Ferguson
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(11) AU-A-2023287502
(21) 2023287502 (22) 13.06.2023
(54) A PARKING BARRIER
(51) Int. Cl.
E01F 13/08 (2006.01)
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(31) 2022/010374 (32) 22.06.22 (33) TR
(43) 28.12.2023
(72) YEGIN, Emre
(74) Acacia Law
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(21) 2023319928 (22) 15.06.2023
(54) WOODEN STRUCTURE LOAD-BEARING WALL, CONSTRUCTION METHOD FOR WOODEN STRUCTURE LOAD-BEARING WALL, METHOD FOR INCREASING WALL MAGNIFICATION OF WOODEN STRUCTURE LOAD-BEARING WALL, AND GYPSUM-BASED LOAD-BEARING SURFACE MATERIAL
(51) Int. Cl.
E04B 2/56 (2006.01)
E04C 2/04 (2006.01)
E04C 2/26 (2006.01)
(87) WO2024/029210
(31) 2022-122390 (32) 30.07.22 (33) JP
(43) 08.02.2024
(72) SUDO, Ushio; NIIMI, Katsumi; HASEGAWA, Tomoya; YAMASHITA, Takuji; AKAI, Kozo; SATO, Yosuke
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(21) 2022478670 (22) 15.09.2022
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(51) Int. Cl.
A01M 21/04 (2006.01)
(87) WO2024/055084
(43) 21.03.2024
(72) COUTINHO FILHO, Sergio, de Andrade; THOMPSON, George, Maurice, Alfred
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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(21) 2022483101 (22) 20.10.2022
(54) APPLICATOR, SYSTEM AND METHOD FOR APPLYING ELECTRICAL CURRENT INTO A PLANT, AND AGRICULTURAL PIVOT
(51) Int. Cl.
A01M 21/04 (2006.01)
A01G 25/09 (2006.01)
(87) WO2024/082035
(43) 25.04.2024
(72) COUTINHO FILHO, Sergio, de Andrade; RINZLER, Guilherme, Penna, Moreira
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- (71) ZELP LTD
(11) AU-A-2023296895
(21) 2023296895 (22) 30.06.2023
(54) METHANE OXIDATION DEVICE
(51) Int. Cl.
A61D 1/14 (2006.01)
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- A61M 39/02* (2006.01)
(87) WO2024/003369
(31) 2209737.2 (32) 01.07.22 (33) GB
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(72) NORRIS, Francisco; NORRIS, Patricio; GUNDRY, Thomas Trevenen
(74) Michael Buck IP
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- (71) ZHEJIANG HUAYOU COBALT CO., LTD.
(11) AU-A-2023433481
(21) 2023433481 (22) 31.08.2023
(54) METHOD FOR ENRICHING VALUABLE METAL FROM SULFATE SOLUTION CONTAINING VALUABLE METAL IONS
(51) Int. Cl.
C22B 3/44 (2006.01)
C22B 3/22 (2006.01)
(31) 202310748112.4 (32) 21.06.23 (33) CN
(43) 16.01.2025
(72) LI, Shaolong; REN, Jialin; GAO, Baojun; ZHAO, Yixuan; LIU, Yujin
(74) Griffith Hack
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- (71) ZHEJIANG LEAPPOWER TECHNOLOGY CO., LTD.; ZHEJIANG LEAPMOTOR TECHNOLOGY CO., LTD
(11) AU-A-2023304471
(21) 2023304471 (22) 28.04.2023
(54) STATOR, FLAT WIRE MOTOR, POWERTRAIN, AND VEHICLE
(51) Int. Cl.
H02K 3/28 (2006.01)
B60K 1/00 (2006.01)
H02K 1/16 (2006.01)
H02K 3/12 (2006.01)
H02K 7/116 (2006.01)
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(43) 11.01.2024
(72) ZHAO, Suzhen; YU, Dong; YUE, Weidong; WU, Cun
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71) ZHEJIANG LEAPPOWER TECHNOLOGY CO., LTD.; ZHEJIANG LEAPMOTOR TECHNOLOGY CO., LTD
(11) AU-A-2023394916
(21) 2023394916 (22) 24.04.2023
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(72) XIE, Wei; YANG, Zhichao; LIAO, Yang; SHAN, Dongsheng; WANG, Chenlin; XU, Lingyang
(74) A.P.T. Patent and Trade Mark Attorneys

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METHOD AND APPARATUS
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(72) NIU, Li; LU, Ting; DAI, Bo; GAO, Yuan
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<u>A01H 6 I/-</u>	<u>A01P 3 I/-</u>	<u>A47D 13 I/-</u>	2023296832	2023276924	2023299571
2023279092	2023298444	2023295028	<u>A61B 42 I/-</u>	2023300365	2023304353
<u>A01J 5 I/-</u>	<u>A01P 7 I/-</u>	<u>A47D 7 I/-</u>	2023284397	2023304369	<u>A61K 38 I/-</u>
2023311159	2023289047	2023295028	<u>A61B 5 I/-</u>	2023307218	2023285104
<u>A01K 67 I/-</u>	2023299314	<u>A47D 9 I/-</u>	2023276287	2023309014	2023289280
2023293067	2023304023	2023295028	2023289320	<u>A61J 15 I/-</u>	2023295550
2023310163	<u>A23J 1 I/-</u>	<u>A47J 27 I/-</u>	2023289320	<u>A61K 31 I/-</u>	2023298113
<u>A01M 21 I/-</u>	2023287565	2023301380	2023275617	2023275947	2023298145
2022478670	<u>A23J 3 I/-</u>	<u>A47J 31 I/-</u>	2023275947	2023276287	2023302376
2022483101	2023287565	2023281192	2023276287	2023282347	2023303019
<u>A01M 29 I/-</u>	<u>A23L 19 I/-</u>	2023285612	2023282347	2023283636	2023304353
2023296353	2023287565	<u>A47J 36 I/-</u>	2023283636	2023286504	2023307218
<u>A01M 31 I/-</u>	<u>A23L 27 I/-</u>	2023301380	2023286504	2023287607	2023307691
2023296353	2023312974	<u>A47J 43 I/-</u>	2023287607	2023288123	2023308310
<u>A01M 7 I/-</u>	<u>A23L 3 I/-</u>	2023300701	2023288123	2023288496	<u>A61K 39 I/-</u>
2023304023	2023288402	2023301380	2023288496	2023288994	2023279086
<u>A01N 25 I/-</u>	<u>A23L 33 I/-</u>	<u>A47K 10 I/-</u>	2023288994	2023289368	2023279467
2023288914	2023288402	2023292707	2023289368	2023290326	2023284831
2023298444	2023289280	<u>A47K 11 I/-</u>	2023290326	2023290593	2023286645
2023299314	2023327690	2023370512	2023290593	2023292098	2023298542
2023304023	<u>A23L 5 I/-</u>	<u>A47L 11 I/-</u>	2023292098	2023294404	2023299296
<u>A01N 31 I/-</u>	<u>A23P 10 I/-</u>	2023274755	2023294404	2023296188	2023300868
2023314225	2023288402	2023274772	2023296188	2023297941	2023301056
<u>A01N 35 I/-</u>	<u>A41D 19 I/-</u>	2023320882	2023297941	2023298115	2023303019
2023289047	2023284397	<u>A47L 13 I/-</u>	2023298115	2023298542	2023307581
<u>A01N 43 I/-</u>			2023298542	2023301383	2023308310
2023314225			2023301383	2023303019	2023312905
			2023303522	2023303907	2023315096
			2023303907	2023304186	<u>A61K 41 I/-</u>
			2023304968	2023307645	<u>A61K 45 I/-</u>
			2023307645	2023307691	2023275617
			2023307933	2023308464	2023315096
			2023308464	2023315096	<u>A61K 47 I/-</u>
			2023320312	2023320312	2023275947
			2023323799	2023327691	2023276421
			2023327691	<u>A61K 33 I/-</u>	2023276484
			2023285104	2023295550	2023279467
			2023300812	2023303421	2023282347
			<u>A61F 2 I/-</u>	2023327690	2023283636
			2023289671		2023285104
			2023299176		2023288123
			2023304369		2023289280
			2023306382	<u>A61K 35 I/-</u>	2023289375
				2022462612	2023289376
					2023298542
					2023299296

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2023303907	2023296895	2023302944	2023323799	2023312209	B05B 7 /-
2023304353		2023303522	2023336804		
2023309014	A61M 5 /-	2023315096		B01D 61 /-	2023274277
2023310819		2023327690	A61P 37 /-		2023299190
	2023276924			2023287565	
A61K 48 /-	2023285104	A61P 27 /-	2023274452		B05C 17 /-
	2023288066		2023276287	B01D 63 /-	
2023293067	2023289320	2023298113	2023286941		2023274277
2023304674	2023312740	2023304353	2023288464	2023287565	
2023313083	2023324704	2023307218	2023289130	2023317330	B07C 5 /-
	2023333370	2023307691	2023290593	2023317331	
A61K 49 /-		2023309014	2023298542		2023277212
	A61M 60 /-		2023302938	B01D 7 /-	
2023276421		A61P 29 /-	2023303522		B21J 1 /-
2023279467	2022463290		2023305094	2023303421	
2023302944	2023278882	2023282892	2023329385		2023349640
	2023286522	2023286504		B01F 101 /-	
A61K 51 /-		2023287566	A61P 39 /-		B23P 19 /-
	A61N 1 /-	2023288464		2023287755	
2023276421		2023289130		B01F 23 /-	2022463019
	2023285104	2023289376	2023289280		B23Q 11 /-
A61K 9 /-	2023285657		A61P 43 /-	2023274277	
	2023298421	A61P 3 /-			2023306105
2023279086	2023299284		2023279467	B01F 25 /-	
2023282347	2023301771	2023288464	2023296188		B24B 23 /-
2023283636		2023289130	2023315096	2023274277	
2023285104	A61N 5 /-	2023299571			2023306105
2023288123		2023305628	A61P 7 /-	B01F 33 /-	
2023288487	2023307691	2023308310			B24C 1 /-
2023292098		2023327691	2023296188	2023274277	
2023294404	A61P 1 /-				2023299190
2023295550		A61P 31 /-	A61P 9 /-	B01F 35 /-	
2023297923	2023286941				B24C 5 /-
2023298113	2023288994	2022462612	2023286941	2023274277	
2023302944	2023299571	2023302923	2023287607	2023287755	2023299190
2023303907	2023305628	2023303522	2023299571		
2023305628		2023304186	2023302944	B01J 19 /-	B24C 7 /-
2023307581	A61P 11 /-	2023304968			2023299190
2023309014			A62B 35 /-	2023299067	
2023310819	2023299571	A61P 35 /-		2023304948	B25B 1 /-
2023310820	2023323799		2023288055	2023311637	
2023320312	A61P 13 /-	2022462612		B01J 21 /-	2023297475
A61L 2 /-		2023274452	A62D 101 /-		B25B 23 /-
	2023286941	2023275617		2023282542	
2023301178	A61P 17 /-	2023276421			2022463019
		2023276484	A62D 3 /-	B01J 29 /-	2023313865
A61L 27 /-		2023279467			
2023283896	2023289280	2023282347	2023311637	2023332824	B25C 1 /-
2023288956	2023297925	2023283275			2023305452
2023297923	2023299571	2023283636	A63B 63 /-	B01L 3 /-	
2023297925	2023308464	2023286645			
2023299174	A61P 19 /-	2023288464	2023303084	2023298547	B25F 5 /-
		2023289130	A63B 71 /-	B01L 7 /-	
A61L 31 /-	2023299571	2023290326			2023306105
	A61P 21 /-	2023290593	2023303084	2023298547	B25J 11 /-
2023283896		2023292912			
	2023299571	2023295550	A63H 33 /-	B02C 17 /-	2022463019
A61M 1 /-	2023303019	2023296188			
	2023303522	2023297941	2023309787	2022463019	B25J 13 /-
2023279725	2023315096	2023298115	2023311267		
		2023298145		B04B 15 /-	2023297115
A61M 15 /-	A61P 25 /-	2023299296	B01D 11 /-		2023301655
		2023299571		2023322391	2024270644
2023303907		2023300868	2023301233		
	2023276484	2023301056		B04B 5 /-	B25J 15 /-
A61M 37 /-	2023285104	2023302923	B01D 36 /-		
	2023287607	2023302944		2023322389	2024270644
2023285104	2023288464	2023303515	2023287565	2023322391	
	2023288496	2023305094		B05B 15 /-	B25J 19 /-
A61M 39 /-	2023289130	2023306212	B01D 53 /-		
	2023293067	2023307645		2023274277	2023297115
2023289320	2023299571	2023308464	2023301140		2023301655
		2023312905	2023311637		

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<u>B25J 5 /-</u>	<u>B33Y 50 /-</u>	<u>B64D 27 /-</u>	<u>B65D 43 /-</u>	<u>B82Y 5 /-</u>	<u>C05G 3 /-</u>
2023297115	2023297115	2023277010	2023289227	2023302944	2023298420
2023301655	2023301655	2023309386	<u>B65D 51 /-</u>	<u>C01B 3 /-</u>	<u>C05G 5 /-</u>
2024270644	<u>B33Y 70 /-</u>	<u>B64D 35 /-</u>	2023289227	2023282542	2023300577
<u>B25J 9 /-</u>	2023297931	2023309386	<u>B65D 6 /-</u>	2023285674	<u>C07B 57 /-</u>
2022463019	<u>B41F 13 /-</u>	<u>B64F 1 /-</u>	2023278465	<u>C01B 32 /-</u>	2023288496
2023282133	2023313007	2023276761	<u>B65D 77 /-</u>	2023278793	<u>C07C 11 /-</u>
2023297115	<u>B41F 31 /-</u>	2023355991	2023275320	2023299067	2023312209
2023301655	2023313007	<u>B64G 1 /-</u>	2023298547	<u>C01F 17 /-</u>	2023294404
2024270644	<u>B60K 1 /-</u>	2023277010	<u>B65D 81 /-</u>	2023303421	<u>C07C 13 /-</u>
<u>B27B 5 /-</u>	2023304471	2023307633	2023298547	<u>C01F 5 /-</u>	2023294404
2024270644	<u>B60L 53 /-</u>	<u>B64U 10 /-</u>	<u>B65F 1 /-</u>	2023299067	<u>C07C 219 /-</u>
<u>B27M 3 /-</u>	2022468102	2023277476	2023277212	<u>C01F 7 /-</u>	2023288487
2024270644	<u>B60P 1 /-</u>	2023309386	<u>B66B 13 /-</u>	2023332824	<u>C07C 229 /-</u>
<u>B28C 5 /-</u>	2023297115	<u>B64U 101 /-</u>	2023301024	<u>C02F 1 /-</u>	2023288487
2023287755	2023301655	2023285052	<u>B66B 5 /-</u>	2023298784	<u>C07C 233 /-</u>
<u>B28C 7 /-</u>	<u>B63B 21 /-</u>	2023292505	2023301024	2023301233	2023288487
2023287755	2023311399	2023305544	<u>B66C 13 /-</u>	<u>C02F 101 /-</u>	<u>C07C 273 /-</u>
<u>B29C 45 /-</u>	<u>B63B 35 /-</u>	2023307180	2023287521	2023311637	2023304948
2023287664	2023304126	2023307186	<u>B64U 30 /-</u>	<u>C02F 3 /-</u>	<u>C07C 29 /-</u>
<u>B29C 49 /-</u>	<u>B63C 9 /-</u>	2023333622	2023309386	2023306320	2023285674
2023287664	2023287618	2023355991	<u>B64U 50 /-</u>	2023307521	<u>C07C 311 /-</u>
<u>B29C 59 /-</u>	<u>B64C 1 /-</u>	2023277010	<u>B66C 23 /-</u>	2023287521	2023306900
2023286329	2023307180	2023307633	2023287521	2023300189	<u>C07C 315 /-</u>
<u>B29C 64 /-</u>	2023307186	<u>B64U 70 /-</u>	2023311766	<u>C04B 20 /-</u>	2023328948
2023297115	<u>B64C 11 /-</u>	2023276761	<u>B66D 1 /-</u>	2023287755	<u>C07C 33 /-</u>
2023301655	2023309386	<u>B65B 29 /-</u>	2023305544	2023296751	2023294404
<u>B32B 27 /-</u>	<u>B64C 27 /-</u>	2023322541	<u>B66F 17 /-</u>	2023309787	<u>C07C 39 /-</u>
2023286329	2023309386	<u>B65B 7 /-</u>	2023287521	<u>C04B 26 /-</u>	2023294404
<u>B32B 3 /-</u>	<u>B64C 39 /-</u>	2023286250	<u>B67D 1 /-</u>	2023309787	<u>C07C 403 /-</u>
2023286329	2023277010	<u>B65B 9 /-</u>	2023285612	2023287755	2023308464
<u>B32B 38 /-</u>	2023277476	2023322541	<u>B67D 7 /-</u>	2023296751	<u>C07D 205 /-</u>
2023286329	2023285052	<u>B65D 19 /-</u>	2023285612	2023301194	2023288487
<u>B33Y 10 /-</u>	2023292505	2023278465	2023307927	<u>C04B 40 /-</u>	<u>C07D 207 /-</u>
2023297115	2023305544	<u>B65D 25 /-</u>	<u>B82Y 10 /-</u>	2023287755	2023288487
2023301655	2023307180	2023278465	2023304969	<u>C05B 7 /-</u>	2023289375
<u>B33Y 30 /-</u>	<u>B64D 1 /-</u>	2023289227	<u>B82Y 15 /-</u>	2023428714	<u>C07D 209 /-</u>
2023297115	2023285052	<u>B65D 35 /-</u>	2023288056	<u>C05F 11 /-</u>	2023287607
2023301655	2023292505	2023299260	<u>B82Y 30 /-</u>	2023298420	2023328948
	2023305544		2023428714	<u>C05G 1 /-</u>	
	2023307180				
	2023307186				
	2023333622				
	2023355991				

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<u>C07D 211 /-</u>	2023290593	2023305094	<u>C09B 11 /-</u>	2023305628	<u>C22B 4 /-</u>
2023298115	2023296188	2023312905		2023306387	2023309585
2023323799	2023298115	2023314633	2023300374	2023307581	
	<u>C07D 487 /-</u>	2023329315	<u>C09B 23 /-</u>	2023307691	<u>C22B 47 /-</u>
<u>C07D 239 /-</u>		<u>C07K 19 /-</u>		2023313083	2023297090
2023323799	2023288464	2023279467	2023276421	2023329385	
	2023289130	2023283275	2023298234	<u>C12N 5 /-</u>	<u>C22B 59 /-</u>
<u>C07D 251 /-</u>	2023290326	2023288540	<u>C09B 69 /-</u>	2023279467	2023303421
2023304948	2023296188			2023282892	
	2023298115	<u>C07K 7 /-</u>	2023298234	2023283275	<u>C22B 7 /-</u>
<u>C07D 273 /-</u>	2023307645		<u>C09D 133 /-</u>	2023286517	2023297090
2023296188	<u>C07D 491 /-</u>	2023289280		2023288956	
	2023290326	2023308310	2023300160	2023293067	<u>C22B 9 /-</u>
<u>C07D 295 /-</u>	2023296188	<u>C08F 220 /-</u>	2023306162	2023293259	2023303421
2023288487	<u>C07D 493 /-</u>	2023306162	2023307870	2023298145	
	2023298115	2023307870	<u>C09D 15 /-</u>	2023304353	<u>C22C 19 /-</u>
<u>C07D 307 /-</u>		<u>C08G 18 /-</u>	2023307870	2023304674	
2023287607	<u>C07D 495 /-</u>		<u>C09D 5 /-</u>	2023329385	2023297931
2023302923	2023289368	2023298040		<u>C12N 7 /-</u>	<u>C22C 21 /-</u>
<u>C07D 311 /-</u>	2023298115	<u>C08G 65 /-</u>	2023300160	2023304968	2023305729
2023294404	<u>C07D 498 /-</u>	2023306900	2023306162	<u>C12N 9 /-</u>	
<u>C07D 317 /-</u>	2023296188	<u>C08J 5 /-</u>	2023307870		<u>C22F 1 /-</u>
2023288496	2023298115		<u>C09D 7 /-</u>	2023288540	2023305729
	<u>C07F 5 /-</u>	2023279007	2023298444	2023298542	<u>C23C 14 /-</u>
<u>C07D 401 /-</u>		2023288914	2023300160	2023305628	2023304208
2023286941	2023298115	<u>C08K 3 /-</u>	<u>C09K 23 /-</u>	<u>C12P 3 /-</u>	
2023290326	<u>C07F 9 /-</u>	2023309787		2023287755	<u>C23C 16 /-</u>
2023298115	2023292912	2023311267	2023301233	<u>C12Q 1 /-</u>	2023283754
2023315096	<u>C07H 15 /-</u>	<u>C08K 5 /-</u>	<u>C09K 8 /-</u>		<u>C23C 26 /-</u>
<u>C07D 403 /-</u>		2023298040	2023300189	2023280463	2023311550
2023288464	2023276287	2023309787	2023301194	2023282892	
2023289130	<u>C07K 1 /-</u>	2023311267	<u>C10L 3 /-</u>	2023289168	<u>C23C 4 /-</u>
2023289368		<u>C08K 9 /-</u>		2023295025	2023283754
2023290326	2023287565	2023309787	<u>C12G 3 /-</u>	2023300374	<u>C25B 1 /-</u>
<u>C07D 405 /-</u>	<u>C07K 14 /-</u>	2023311267		2023300533	2023293861
2023298115	2022462612	<u>C08L 33 /-</u>	2023287876	2023309226	2023300775
2023315096	2023279467	2023306162	<u>C12M 3 /-</u>	2023342375	2023301140
<u>C07D 413 /-</u>	2023283275	2023307870		2024219208	2023307807
2023287566	2023295550		2023288956	<u>C12R 1 /-</u>	
2023288464	2023298145	<u>C08L 5 /-</u>	<u>C12N 1 /-</u>	2023304968	<u>C25B 11 /-</u>
2023289130	2023302376	2023279086			2023334809
2023296188	2023303515		2023279467	2023309585	
2023303522	2023308310	<u>C08L 67 /-</u>	2023304968	2024270623	<u>C25B 15 /-</u>
2023328948	2023320333	2023309787	2023363047	<u>C21C 5 /-</u>	2023293861
<u>C07D 417 /-</u>	2023329315	2023311267	<u>C12N 15 /-</u>		2023300775
2023288464	2023329385	<u>C08L 75 /-</u>	2023279092	<u>C22B 1 /-</u>	2023301140
2023289130	2023274452		2023279467	2023297090	2023307807
2023290326	2023279467	2023298040	2023283275	<u>C22B 3 /-</u>	
<u>C07D 451 /-</u>	2023283275	<u>C08L 83 /-</u>	2023286645		<u>C25B 9 /-</u>
2023298115	2023284831		2023288487	2023297090	2023301140
	2023286645	2023309787	2023288540	2023301233	2023307807
<u>C07D 471 /-</u>	2023289376	2023311267	2023289696	2023433481	<u>C25D 15 /-</u>
2023290326	2023299296		2023293067		2023305259
	2023300868		2023298542		
	2023301056		2023302376		
	2023303515		2023303019		
			2023304674		

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<u>C25D 5 /-</u>	2023315064	<u>F01D 5 /-</u>	<u>F16K 15 /-</u>	<u>F42C 19 /-</u>	<u>G01N 37 /-</u>
2023305259	<u>E04B 2 /-</u>	2023274957	2023299260	2023315997	2023289168
<u>C25D 7 /-</u>	2023298320	<u>F02B 63 /-</u>	<u>F16L 15 /-</u>	<u>G01B 11 /-</u>	<u>G01P 13 /-</u>
2023305259	2023319928	2023306105	2023311550	2023288985	2023288985
<u>D01D 5 /-</u>	<u>E04B 9 /-</u>	2023306105	2023311550	<u>G01D 18 /-</u>	<u>G01P 5 /-</u>
2023280626	2023277415	<u>F02B 77 /-</u>	<u>F16P 1 /-</u>	2023301077	2023288985
<u>D01F 1 /-</u>	<u>E04C 2 /-</u>	2023306105	2023306105	<u>G01F 1 /-</u>	<u>G01R 15 /-</u>
2023280626	2023286329	<u>F02N 3 /-</u>	<u>F16S 3 /-</u>	2023288985	2023298772
2023280626	2023319928	2023306105	2023277415	<u>G01H 9 /-</u>	<u>G01R 19 /-</u>
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2023334809	<u>E04G 21 /-</u>	<u>F03D 3 /-</u>	2023387764	2023446737	2023288056
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<u>D06F 58 /-</u>	2023300387	2023296353	<u>F27B 3 /-</u>	<u>G01N 21 /-</u>	2023297115
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2023277415	2023391921	2023349640		2023329315	2024270644

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C07C 211/58 (2006.01)
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A62C 35/02 (2006.01)
(87) WO2020/012442
(31) 62/697,745 (32) 13.07.18 (33) US
(43) 16.01.2020
(44) 16.01.2025
(72) RYCZEK, Chad L.
(74) Spruson & Ferguson

(71) U-Neuron Biomedical Inc.
(11) AU-B-2022203692
(21) 2022203692 (22) 31.05.2022
(54) USE OF SECRETOME OF AMNIOTIC FLUID STEM CELLS IN THE TREATMENT OF DRY EYE DISEASE
(51) Int. Cl.
A61K 35/50 (2015.01)
A61P 27/02 (2006.01)
C12N 5/073 (2010.01)
C12N 5/074 (2010.01)
(31) 17/335,477 (32) 01.06.21 (33) US
(43) 15.12.2022
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(72) Hwang, Shiaw-Min; Hsieh, Chen-An; Lin, Pei-Cheng
(74) Phillips Ormonde Fitzpatrick

Université d'Angers see Université de Bordeaux
(21) 2018303280

(71) Université de Bordeaux; Centre National de la Recherche Scientifique; Centre Hospitalier Universitaire de Bordeaux; Inserm - Institut National de la Santé et de la Recherche Médicale; Université d'Angers; Centre Hospitalier Universitaire d'Angers
(11) AU-B-2018303280
(21) 2018303280 (22) 20.07.2018
(54) Clusterin for use in the treatment of thrombotic microangiopathies
(51) Int. Cl.
A61K 38/17 (2006.01)
A61P 9/10 (2006.01)
G01N 33/92 (2006.01)
(87) WO2019/016485
(31) 1756912 (32) 21.07.17 (33) FR
(43) 24.01.2019

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- (44) 16.01.2025
(72) AUGUSTO, Jean-François; CONTIN-BORDES, Cécile; DELMAS, Yehsou; BLANCO, Patrick; DELNESTE, Yves; JEANNIN, Pascale; BEAUVIL-LAIN, Céline
(74) Griffith Hack
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- (71) University of Pittsburgh - Of the Commonwealth System of Higher Education
(11) AU-B-2020204717
(21) 2020204717 (22) 03.01.2020
(54) Methods and materials for increasing transcription factor EB polypeptide levels
(51) Int. Cl.
C07D 239/72 (2006.01)
A61K 31/519 (2006.01)
A61P 25/00 (2006.01)
(87) WO2020/142748
(31) 62/788,049 (32) 03.01.19 (33) US
62/879,374 26.07.19 US
(43) 09.07.2020
(44) 16.01.2025
(72) CHEN, Beibei; FINKEL, Toren; LIU, Yuan
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Vanderbilt University
(11) AU-B-2019335010
(21) 2019335010 (22) 05.09.2019
(54) Non-invasive venous waveform analysis for evaluating a subject
(51) Int. Cl.
A61B 5/0205 (2006.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
A61B 5/08 (2006.01)
(87) WO2020/051354
(31) 62/727,735 (32) 06.09.18 (33) US
(43) 12.03.2020
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(72) HOCKING, Kyle M.; BROPHY, Colleen M.; EAGLE, Susan S.
(74) Spruson & Ferguson
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- (71) Verona Pharma PLC
(11) AU-B-2019358585
(21) 2019358585 (22) 09.10.2019
(54) Pharmaceutical compositions comprising RPL554 in HFA-134a for administration by inhalation
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
A61K 31/519 (2006.01)
A61K 47/06 (2006.01)
A61P 11/08 (2006.01)
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(31) 1816447.5 (32) 09.10.18 (33) GB
(43) 16.04.2020
(44) 16.01.2025
(72) SPARGO, Peter Lionel; HAYWOOD, Phillip A.
(74) Davies Collison Cave Pty Ltd
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- WEST CHINA HOSPITAL OF SICHUAN UNIVERSITY see BEIJING BALANCE MEDICAL TECHNOLOGY CO., LTD.
(21) 2023221818
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- (71) Willow Innovations, Inc.
(11) AU-B-2022287553
(21) 2022287553 (22) 12.12.2022
(54) Breast pump system and methods
(51) Int. Cl.
A61M 1/06 (2006.01)
(43) 02.02.2023
(44) 16.01.2025
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(72) Chang, John Y.; Makower, Joshua; Donohoe, Brendan M.; Torosis, Michele
(74) Davies Collison Cave Pty Ltd
-
- (71) Wing Aviation LLC
(11) AU-B-2022268340
(21) 2022268340 (22) 09.11.2022
(54) Loading structure with tether guide for unmanned aerial vehicle
(51) Int. Cl.
B64F 1/32 (2006.01)
B64C 39/02 (2006.01)
B64D 1/22 (2006.01)
(43) 15.12.2022
(44) 16.01.2025
(62) 2019284269
(72) SCHAMLZRIED, Jim; BLAKE, Jesse; PRAGER, Andre; TWYFORD, Evan
(74) Spruson & Ferguson
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- (71) Workplace Maintenance Solutions Pty Ltd
(11) AU-B-2019230442
(21) 2019230442 (22) 07.03.2019
(54) An expandable device, apparatus and assembly for pushing apart opposed surfaces
(51) Int. Cl.
B66F 3/24 (2006.01)
B25B 27/00 (2006.01)
B25B 28/00 (2006.01)
B60B 29/00 (2006.01)
B60T 17/22 (2006.01)
B66F 3/12 (2006.01)
B66F 3/46 (2006.01)
F16D 65/00 (2006.01)
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(31) 2018900736 (32) 07.03.18 (33) AU
(43) 12.09.2019
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(72) JAMES, Allan Martin
(74) Griffith Hack
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2017347822	Leap Therapeutics, Inc.	2021379965	INVENTIO AG
2018209150	Ablynx NV	2021400018	DYSON TECHNOLOGY LIMITED
2018270096	Hemanext Inc.	2021409824	BOSTON SCIENTIFIC SCIMED, INC.
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2018328040	Merck Sharp & Dohme LLC	2021435646	ITRON, INC.
2018337854	The Regents of The University of Colorado, a body corporate; Murdoch University; Krishna, H.; Jastrzebska, K.	2021460675	DEEPCURE INC.
2018382586	CSL Behring Lengnau AG; The Regents of the University of California	2022200004	Myriad myPath, LLC
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2018409056	Industria Metalmeccanica Rivet S.A.	2022201189	Iowa State University Research Foundation, Inc.
2018425705	Kimberly-Clark Worldwide, Inc.	2022203692	U-Neuron Biomedical Inc.
2018456031	Halliburton Energy Services, Inc.	2022229739	INTERNATIONAL BUSINESS MACHINES CORPORATION
2019214524	Aker BioMarine Understory AS	2022232383	BUNGIE, INC.
2019214967	Kazaryan, M.; Pashikyan, L.	2022241479	1789703 Ontario Ltd.
2019216782	The Provost, Fellows, Foundation Scholars, and the other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin	2022245917	ELC MANAGEMENT LLC
2019228497	Delpor, Inc.	2022259260	SAMSUNG ELECTRONICS CO., LTD.
2019230442	Workplace Maintenance Solutions Pty Ltd	2022268340	Wing Aviation LLC
2019236681	Milenco Innovation Limited	2022281746	SUZHOU ABOGEN BIOSCIENCES CO., LTD.
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2019271858	Jumpstart Fertility Pty Ltd; Life Biosciences, Inc.	2022287553	Willow Innovations, Inc.
2019272947	Hologic, Inc.	2022308665	COLGATE-PALMOLIVE COMPANY
2019278013	Hua Medicine (Shanghai) Ltd.	2022319811	EPINOVATECH AB
2019278696	Roquette Freres	2022341195	PDINNOVATIVE LLC
2019283517	Medipost Co., Ltd.	2022349365	PDINNOVATIVE LLC
2019283797	Thales	2022383820	SINO-TELECOM TECHNOLOGY CO., INC
2019300528	Tyco Fire Products LP	2022411531	ABBISKO THERAPEUTICS CO., LTD.
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2019311268	Chiesi Farmaceutici S.p.A.	2023200536	Opko Ireland Global Holdings, Limited
2019327555	Amgen, Inc.	2023219930	HID Global Corp.
2019335010	Vanderbilt University	2023221818	BEIJING BALANCE MEDICAL TECHNOLOGY CO., LTD.; WEST CHINA HOSPITAL OF SICHUAN UNIVERSITY
2019357150	Three ES S.r.l.	2023223274	PLUSAI, INC.
2019358585	Verona Pharma PLC	2023233077	Apple Inc.
2019362384	BASF SE	2023274232	Idemia Identity & Security France
2019362658	Fidia Farmaceutici S.p.A.	2024200125	Intuit Inc.
2019364861	Electro Magnetic Measurements Pty Ltd	2024200396	Great Plains Manufacturing, Inc.
2019365849	Lockheed Martin Energy, LLC	2024201114	Sandvik Mining and Construction Oy
2019370620	Phoenix Industries Pty Ltd	2024202097	K F GROUP PTY LTD
2019370797	Expro North Sea Limited	2024202276	FMP Group (Australia) Pty Limited
2019377431	FMC Corporation	2024202892	Fertin Pharma A/S
2019384160	Regeneron Pharmaceuticals, Inc.	2024261874	NGUYEN, H.T.
2019396381	Hilti Aktiengesellschaft	2024267104	Owens-Brockway Glass Container Inc.
2019400075	Hilti Aktiengesellschaft		
2019410335	Globe (Jiangsu) Co., Ltd.		
2020204717	University of Pittsburgh - Of the Commonwealth System of Higher Education		
2020213265	F. HOFFMANN-LA ROCHE AG		
2020218326	Anduril Industries, Inc.		
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2020271548	Oceaneering International, Inc.		
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2020382850	AstraZeneca AB		
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<u>C07F 9 /-</u>	2018287159	2022349365	<u>G05D 1 /-</u>	2022259260
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2019264349	2019362384	2019400075	<u>G05D 7 /-</u>	2021340791
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2019362658	<u>E02F 3 /-</u>	<u>G01L 1 /-</u>	<u>G06T 5 /-</u>	<u>H04N 5 /-</u>
<u>C08J 3 /-</u>	2024200396	2024202097	2023274232	2020218326
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<u>C12M 1 /-</u>	2022286226			
	<u>F01K 21 /-</u>			
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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2017396320	enicor GmbH (Vitrogenics GmbH)
2022279471	Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd. (Pearce IP Pty Limited)
2023201945	Kumiai Chemical Industry Co., Ltd. (Nufarm Australia Limited)
2023201945	Kumiai Chemical Industry Co., Ltd. (Kenso Agcare Pty Ltd)
2023201945	Kumiai Chemical Industry Co., Ltd. (Yang, D.)
2023201945	Kumiai Chemical Industry Co., Ltd. (Conquest Crop Protection Pty Ltd)
2023201945	Kumiai Chemical Industry Co., Ltd. (Adama Agan Ltd.)

Opposition Withdrawn

2019202048	Orica International Pte Ltd (Radian Global Pty Ltd)
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Patents Granted**Standard Patents**

2017290762	2017292889	2017300965	2017301915
2017305856	2017306558	2017319318	2017320520
2017345387	2017349924	2017365367	2017366870
2017383232	2017388346	2017428251	2017445093
2018205128	2018205234	2018206229	2018208191
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2018222908	2018222922	2018225180	2018226389
2018226390	2018226394	2018229424	2018229456
2018229685	2018230756	2018231195	2018232886
2018235092	2018244426	2018244459	2018244638
2018251830	2018252185	2018252187	2018253088
2018256485	2018256501	2018256533	2018258676
2018260183	2018261021	2018263059	2018275034
2018275231	2018277301	2018282124	2018282341
2018282362	2018282371	2018287316	2018287737
2018293698	2018294314	2018295914	2018297171
2018300071	2018300080	2018300272	2018300985
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2018309604	2018313286	2018316256	2018317936
2018317938	2018318135	2018320980	2018321276
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2018360677	2018360766	2018363887	2018365007
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2018368716	2018369325	2018369437	2018369906
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Patents Granted**Standard Patents**

2018407666	2018409802	2018409857	2018410489
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Patents Granted

Standard Patents

2020411823	2020412766	2020448169	2020452638
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Patents Granted

Standard Patents

2022349651	2022370400	2022370481	2022378702
2022379602	2022381666	2022396283	2022397305
2022399198	2022410370	2022419893	2022421989
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2024203127	2024204854	2024204895	2024204901
2024205159	2024205450	2024205617	2024205800

Offer to Surrender

It is hereby notified that **LAVA Therapeutics N.V. Yalelaan 60 , Utrecht 3584CM** , the Patentee of Patent 2016212777 dated 03.03.2022 for an invention titled ' Single domain antibodies targeting CD1d' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

2005302993	Hoya Corporation	The patent has been assigned to HOYA Medical Singapore Pte. Ltd.
2011262787	Hoya Corporation	The patent has been assigned to HOYA Medical Singapore Pte. Ltd.
2014202954	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2014202956	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2014289565	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2014398772	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2015281320	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2015291411	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS

Assignments Registered

2015299247	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2015304096	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2015304097	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2015355671	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2015355673	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2015355675	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2015379592	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2016200199	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2016236471	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2016333963	Mitobridge, Inc.; The Salk Institute for Biological Studies	The patent has been assigned to The Salk Institute for Biological Studies
2016372458	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2017203387	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2017204271	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2017271220	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2017288641	Hoya Corporation	The patent has been assigned to HOYA Medical Singapore Pte. Ltd.
2017288642	Hoya Corporation	The patent has been assigned to HOYA Medical Singapore Pte. Ltd.
2017298579	AMG Metals Inc.; Powell (Richmond Hill) Contracting Limited; The Texas A&M University System	The patent has been assigned to Powell (Richmond Hill) Contracting Limited; The Texas A&M University System
2017308709	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2018238950	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2018247933	Siemens Aktiengesellschaft	The patent has been assigned to Siemens Energy AS
2019246792	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2019270654	Jurong Bailey Magnesium Alloy Material Technology Co., Ltd.	The patent has been assigned to Allite (Jiangsu) Magnesium Technology Co., Ltd.
2019283837	Mitobridge, Inc.; The Salk Institute for Biological Studies	The patent has been assigned to The Salk Institute for Biological Studies

Assignments Registered

2020103430	Slack Technologies, Inc.	The patent has been assigned to Salesforce, Inc.
2020200540	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2020205330	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2020217333	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2020281069	Mitobridge, Inc.; The Salk Institute for Biological Studies	The patent has been assigned to The Salk Institute for Biological Studies
2021107603	Slack Technologies, Inc.	The patent has been assigned to Salesforce, Inc.
2021200261	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2021200520	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2021218245	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2021254528	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.
2022201587	Eddy Current Limited Partnership	The patent has been assigned to Surewerx USA, Inc.

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

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.

2012332767 **Genentech, Inc.**

The earliest first regulatory approval date provided by the patentee 29 May 2024

For the goods EBGLYSS lebrizumab

Address for service : Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2012340159 **Alnylam Pharmaceuticals, Inc.**

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

For the goods AMVUTTRA vutrisiran

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2014318615 **Genentech, Inc.**

The earliest first regulatory approval date provided by the patentee 29 May 2024

For the goods EBGLYSS lebrizumab

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017225076 **Alnylam Pharmaceuticals, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

For the goods AMVUTTRA vutrisiran

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2018232943 **GENENTECH, INC.**

The earliest first regulatory approval date provided by the patentee 29 May 2024

For the goods EBGLYSS lebrikizumab

Address for service : Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2019240658 **Alnylam Pharmaceuticals, Inc.**

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

For the goods AMVUTTRA vutrisiran

Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Corrigenda

In Vol 58 , No 48 , Page(s) 6998 under the heading **Applications Accepted - Name Index** Delete all reference to 2022321019.

Specifications Republished

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

2019212628 **Access Closure, Inc.**
 2019239705 **GammaDelta Therapeutics Ltd**
 2020469829 **FLEXICARE (GROUP) LIMITED**
 2020474614 **HINGE HEALTH, INC.**
 2020477773 **ROVI GUIDES, INC.**
 2020478589 **BOLYMEDIA HOLDINGS CO. LTD.**
 2021301274 **KENYON INTERNATIONAL, INC.**
 2021344872 **BIOLYTICAL LABORATORIES INC.**
 2021345869 **BYD Company Limited**
 2021350085 **AUBURN UNIVERSITY**
 2021350424 **MEDIMMUNE LIMITED**
 2021350494 **RENTOKIL INITIAL 1927 PLC**
 2021352146 **Betagenon AB**
 2021353861 **Graphic Packaging International, LLC**
 2021361860 **DEPCO, INC.**
 2021362215 **NORTHEASTERN UNIVERSITY**
 2021363582 **INVINITY ENERGY SYSTEMS (IRELAND) LIMITED**
 2021363989 **LUOSSAVAARA KIIRUNAVAARA AB**
 2021364403 **HARSCO TECHNOLOGIES LLC**
 2021365042 **FUJITSU GENERAL LIMITED**
 2021365129 **GILEAD SCIENCES, INC.**
 2021365659 **FUJIKURA LTD.**
 2021370820 **DSM IP ASSETS B.V.**
 2021372323 **AZELIO AB**
 2021373475 **KOBAYASHI PHARMACEUTICAL CO., LTD.**
 2021374038 **CHARITÉ - UNIVERSITAETSMEDIZIN BERLIN**
 2021374260 **LG CHEM, LTD.**
 2021374676 **TEREX SOUTH DAKOTA, INC.**
 2021374841 **OCADO INNOVATION LIMITED**
 2021374982 **WISK AERO LLC**
 2021375078 **LARONIX PTY LTD**
 2021375744 **MEDOS INTERNATIONAL SARL**
 2021376085 **CNCure Biotech Inc.**

Specifications Republished

2021377130 **PRESBY, D.W.**
 2021377383 **SICPA HOLDING SA**
 2021377591 **THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH**
 2021377710 **CRAITOR, INC.**
 2021378088 **HEMOTEQ AG**
 2021379136 **3M INNOVATIVE PROPERTIES COMPANY**
 2021379983 **DICERNA PHARMACEUTICALS, INC.**
 2021380274 **SONY GROUP CORPORATION; SONY SEMICONDUCTOR SOLUTIONS CORPORATION**
 2021380659 **KENJOCKEY BIOTECHNOLOGY, INC.**
 2021380936 **IGAS ENERGY GMBH**
 2021381373 **CURASEN THERAPEUTICS, INC.**
 2021381703 **WS SLOT SA**
 2021382107 **MAREL RED MEAT B.V.**
 2021382394 **BISN TEC LTD**
 2021382728 **PAIRWISE PLANTS SERVICES, INC.**
 2021383177 **LANTERN PHARMA INC.**
 2021383765 **CIRCINUS MEDICAL TECHNOLOGY LLC**
 2021386111 **MSINTECH CO., LTD.**
 2021386415 **FERROSAN MEDICAL DEVICES A/S**
 2021386597 **FORMENTI & GIOVENZANA S.P.A.**
 2021387103 **FUJI OIL HOLDINGS INC.**
 2021388040 **ORAIGO S.R.L.**
 2021389152 **M.E.P. MACCHINE ELETTRONICHE PIEGATRICI S.P.A.**
 2021390121 **MABWELL (SHANGHAI) BIOSCIENCE CO., LTD.**
 2021390578 **CONOCOPHILLIPS COMPANY**
 2021391415 **BRIGGS AND RILEY TRAVELWARE, LLC**
 2021391988 **ETIENNE LACROIX TOUS ARTIFICES S.A.**
 2021392180 **SUMITOMO CHEMICAL COMPANY, LIMITED**
 2021392748 **EQUILLIUM, INC.**
 2021393219 **SUMITOMO CHEMICAL COMPANY, LIMITED**
 2021393593 **TIDAL THERAPEUTICS, INC.**
 2021393771 **AMADEUS S.A.S.**
 2021393779 **OÜ Gearbox Biosciences**
 2021394116 **AGRICULTURE VICTORIA SERVICES PTY LTD; HORTICULTURE INNOVATION AUSTRALIA LIMITED**
 2021394320 **HAIER SMART HOME CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER US APPLIANCE SOLUTIONS, INC.**
 2021395061 **BEIJING IMMUNOCHINA PHARMACEUTICALS CO., LTD; BEIJING YIMIAOYILIAO CO., LTD**
 2021397340 **SAINT-GOBAIN PERFORMANCE PLASTICS CORPORATION**
 2021397743 **SI-BONE INC.**
 2021398587 **MINELAB ELECTRONICS PTY. LIMITED**
 2021398645 **SUNTORY HOLDINGS LIMITED**
 2021398989 **BASF SE**
 2021399015 **OCADO INNOVATION LIMITED**
 2021399609 **BRANDENBURGER LINER GMBH & CO. KG**
 2021400988 **WEATHERFORD TECHNOLOGY HOLDINGS, LLC**
 2021401930 **S. C. JOHNSON & SON, INC.**
 2021405229 **INTERVET INTERNATIONAL B.V.**
 2021405734 **TECHNISCHE UNIVERSITÄT MÜNCHEN**
 2021407395 **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION**
 2021407529 **CARDIO THERAPEUTICS PTY LTD**
 2021408347 **TAN, S.; YU, H.; YU, M.**
 2021408378 **PRIME VECTOR TECHNOLOGIES GMBH**
 2021409557 **PROCORE TECHNOLOGIES, INC.**
 2021410590 **JOHNSON & JOHNSON CONSUMER INC.**
 2021411481 **APPPWARD LLC**
 2021411520 **DOVETAIL GENOMICS, LLC**
 2021411744 **PRAMOMOLECULAR GMBH**
 2021412877 **BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA**
 2021414233 **MITEK HOLDINGS, INC.**
 2021415103 **REC SOLAR PTE. LTD.**
 2021418154 **INFICON GMBH**

Specifications Republished

2021418684 HACK HARVEST B.V.
2021419942 DAIWA CAN COMPANY
2021420357 HUAWEI TECHNOLOGIES CO., LTD.
2021420388 HUAWEI TECHNOLOGIES CO., LTD.
2021424429 GHINI, D.
2021427917 KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY
SYSTEMS & SOLUTIONS CORPORATION
2021475883 ANSTEEL GROUP MINING CORPORATION LIMITED
2022205106 TECHNISCHE UNIVERSITÄT MÜNCHEN
2022205292 THESEUS PHARMACEUTICALS, INC.
2022205377 CELLANOME, INC.
2022205661 Darktrace Holdings Limited
2022205679 STRAND THERAPEUTICS INC.
2022205787 ASCENDANCE FLIGHT TECHNOLOGIES
2022207504 PURDUE RESEARCH FOUNDATION; RAYTHEON
BBN TECHNOLOGIES, CORP.
2022212070 VERSITECH LIMITED
2022213196 SYDDANSK UNIVERSITET
2022213474 SENSOR GLOBAL PTY LTD
2022213961 HANMI PHARM. CO., LTD.
2022214272 SANDVIK MINING AND CONSTRUCTION G.M.B.H.
2022215952 OCTOPUS ENERGY HEATING LIMITED
2022217019 VITRUVIAN INVESTMENTS PTY LTD
2022217238 EVAPCO, INC.
2022220392 DAIKIN INDUSTRIES, LTD.; DAIKIN EUROPE N.V.
2022220527 NORWEGIAN EMISSION ABATEMENT TECHNOLO-
GIES AS
2022221606 A2 BIOTHERAPEUTICS, INC.
2022222444 DISPENSING TECHNOLOGIES B.V.
2022224157 SUNTORY HOLDINGS LIMITED
2022224692 Biomedix S.A.
2022227607 POSEIDA THERAPEUTICS, INC.
2022328071 LG ENERGY SOLUTION, LTD.