



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

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INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 29 August 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***CCL Secure Pty Ltd v De La Rue International Limited* [2024] APO 35**

Patent Application: 2014266991

Title: Security documents and methods of manufacture

Patent Applicant: De La Rue International Limited

Opponent: CCL Secure Pty Ltd

Delegate: Xavier Gisz

Decision Date: 20 August 2024

Hearing Date: Written submissions filed on 14 March 2024

Catchwords: **PATENTS** - section 59 – final determination – the amendments introduce a new ground of invalidity – support – further opportunity to amend – no award costs

Representation: Patent attorney for the applicant: Davies Collison Cave
Patent attorney for the opponent: Allens Patent & Trade Mark Attorneys

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 13 Aug 2024 .

(71) AIRS PATENTS PTY LTD (21) 2024902592 (22) 20.08.2024 (54) Diagnostic Imaging System	(71) Corlette, S. (21) 2024902566 (22) 16.08.2024 (54) DETECTION OF BRAIN STATE RESPONSES AND MONITORING SYSTEM	Gunarathna, V. see Gunarathna Mudiyan-selage, P.B.G. (21) 2024902587
(71) Alchin Long Group IP Pty Limited (21) 2024902559 (22) 16.08.2024 (54) Window Stay Locating Bracket	(71) CosmoAesthetics Pty Ltd (21) 2024902547 (22) 15.08.2024 (54) TRANSDERMAL SKINCARE DELIVERY, HAIR AND SKIN REJUVENATION DEVICE	(71) Gunarathna Mudiyan-selage, P.B.G.; Gunarathna, V. (21) 2024902587 (22) 20.08.2024 (54) A Physical Networking system akin to the internet to create wealth
Allison, I. see Allison, H. (21) 2024902586	(71) Deakin University (21) 2024902541 (22) 15.08.2024 (54) Recycling pigments from textile	Haines, D. see Haines, K. (21) 2024902563
(71) Allison, H.; Allison, I. (21) 2024902586 (22) 20.08.2024 (54) Artificial Intelligence Asset Finance	(71) Edit On The Spot Pty Ltd (21) 2024902535 (22) 14.08.2024 (54) AUTOMATIC REAL-TIME VIDEO EDITING OF INDIVIDUAL CLIPS FROM A LIST	(71) Haines, K.; Haines, D. (21) 2024902563 (22) 16.08.2024 (54) Wall Structure Assembly Method and System
(71) Annex Products Pty Ltd (21) 2024902537 (22) 14.08.2024 (54) WIRELESS CHARGING FOR MOBILE ELECTRONIC DEVICES	Felk, V. see McNicol, T. (21) 2024902534	(71) HEALTH NEW ZEALAND (21) 2024902596 (22) 20.08.2024 (54) A digital pathology system
(71) Atticus Medical Pty Ltd (21) 2024902536 (22) 14.08.2024 (54) Method of treatment	(71) Filamon Pty Ltd (21) 2024902565 (22) 16.08.2024 (54) Methods of treating CNS cancers	(71) Infrabuild Wire Pty Ltd (21) 2024902593 (22) 20.08.2024 (54) SLEEVE LOCATING SYSTEM
(71) B&N Tech Pty Ltd (21) 2024902568 (22) 16.08.2024 (54) Movable Support Assembly	(71) Gardner, A. (21) 2024902569 (22) 17.08.2024 (54) Reuse system.	(71) Innovation Corp Pty Limited (21) 2024902583 (22) 20.08.2024 (54) PREFABRICATING FLIGHT BLANKS FOR FORMING HELICAL FLIGHTS
(71) BIOMEDTECH AUSTRALIA PTY LTD (21) 2024902597 (22) 20.08.2024 (54) IMPROVED BREATHING SYSTEM	(71) Global Locker Systems Pty Ltd (21) 2024902562 (22) 16.08.2024 (54) A STORAGE LOCKER	(71) Innovation Corp Pty Limited (21) 2024902585 (22) 20.08.2024 (54) CANTED HELICAL FLIGHTS
(71) Bobade, A. (21) 2024902576 (22) 19.08.2024 (54) Multi-Compartment Retort Pouch for Food Storage and Preservation	(71) Green Bean Packaging Pty Ltd (21) 2024902577 (22) 19.08.2024 (54) Container	(71) IWI Australia Pty Limited (21) 2024902567 (22) 16.08.2024 (54) A METHOD FOR DECOMPOSING PEROXIDES

Provisional Applications Filed - Name Index cont'd

(71) Jayasinghe, M.
(21) 2024902549 (22) 15.08.2024
(54) Advanced Saltwater Desalination System Utilizing Solar Energy, Vacuum Distillation, and Multistage Flash Distillation

Jonlo Engineering Pty Ltd see Peake, S.
(21) 2024902550

Jonlo Engineering Pty Ltd see Peake, S.
(21) 2024902551

Jonlo Engineering Pty Ltd see Peake, S.
(21) 2024902552

Jonlo Engineering Pty Ltd see Peake, S.
(21) 2024902553

Jordan, W. see Stewart, A.
(21) 2024902561

(71) Kairouz, M.
(21) 2024902544 (22) 15.08.2024
(54) A COMPOSITION FOR HAIR REMOVAL

(71) Klevaform Pty Ltd
(21) 2024902555 (22) 16.08.2024
(54) A BUILDING SYSTEM AND METHOD

(71) Krebs, A.J.
(21) 2024902560 (22) 16.08.2024
(54) A Building Block

(71) Leo, D.
(21) 2024902584 (22) 20.08.2024
(54) Upper Body Garment with Replaceable Bib Panel

(71) LFT Bitumen Pty Ltd
(21) 2024902595 (22) 20.08.2024
(54) Road-surfacing composition and method of surfacing a road

(71) Macquarie University
(21) 2024902588 (22) 20.08.2024
(54) Surgical clamp

(71) Makrillos, M.
(21) 2024902574 (22) 19.08.2024
(54) System and Method for Enhancing Text Messages with Synchronised Audio Playback

(71) McNicol, T.; Felk, V.
(21) 2024902534 (22) 14.08.2024
(54) Control of Trailer Brakes

(71) Melton Fires Pty Ltd
(21) 2024902571 (22) 18.08.2024
(54) Heat Recovery Reducer

(71) Mikula Geotechnics Pty Ltd
(21) 2024902573 (22) 19.08.2024
(54) Wire Mesh

(71) Minelab Electronics Pty. Limited
(21) 2024902579 (22) 19.08.2024
(54) AN IMPROVED METAL DETECTOR

(71) Minelab Electronics Pty. Limited
(21) 2024902580 (22) 19.08.2024
(54) METAL DETECTOR COIL

(71) Modpacs
(21) 2024902582 (22) 20.08.2024
(54) A Lightweight panelised floor system

(71) OFB Corporation Pty Ltd
(21) 2024902591 (22) 20.08.2024
(54) A firefighting system

(71) Ollington, T.
(21) 2024902590 (22) 20.08.2024
(54) hand held surface cleaning system

(71) Orr, P.
(21) 2024902542 (22) 15.08.2024
(54) Modular Bedding

(71) Ovuka, Z.
(21) 2024902558 (22) 16.08.2024
(54) Conspicuous Wheel Blocker

(71) Parks Industries Pty Ltd
(21) 2024902529 (22) 13.08.2024
(54) APPARATUS FOR GUIDING GROWTH OF A PLANT

(71) Patriot Campers Holdings Pty Ltd
(21) 2024902557 (22) 16.08.2024
(54) Camper trailer or caravan

(71) Peake, S.; Jonlo Engineering Pty Ltd
(21) 2024902550 (22) 15.08.2024
(54) Quantum Space-Time (QuSt) Enhanced Biophoton Communication System

(71) Peake, S.; Jonlo Engineering Pty Ltd
(21) 2024902551 (22) 15.08.2024
(54) Elect-neon Energy Particles - Novel Source of Lunar Energy

(71) Peake, S.; Jonlo Engineering Pty Ltd
(21) 2024902552 (22) 15.08.2024
(54) Electneon Plasma-Driven Propulsion System for Space Travel

(71) Peake, S.; Jonlo Engineering Pty Ltd
(21) 2024902553 (22) 15.08.2024
(54) Novel Lunar Panel Design for Nighttime Energy Harvesting Using Elect-neon Energy

(71) POPS PADDLES PTY LTD
(21) 2024902546 (22) 15.08.2024
(54) IMPROVED PICKLEBALL PADDLE

(71) Proa Holdings Pty Ltd
(21) 2024902575 (22) 19.08.2024
(54) SYSTEMS AND A SELF-CONTAINED APPARATUS FOR ENVIRONMENTAL MONITORING

(71) Quality Assured Contracting Pty Ltd
(21) 2024902578 (22) 19.08.2024
(54) SUBSTANCE AND PROCESS FOR PRODUCING SHEATH-LIKE REMOVABLE PROTECTIVE COATING

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2024902533

(71) ResMed Pty Ltd
(21) 2024902530 (22) 14.08.2024
(54) Patient Interface

(71) ResMed Pty Ltd
(21) 2024902531 (22) 14.08.2024
(54) FLOW DISRUPTORS

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2024902533 (22) 14.08.2024
(54) FLOW DISRUPTORS

(71) Ross, L.
(21) 2024902572 (22) 19.08.2024
(54) Tile Holding Device for Ensuring Perpendicular Alignment During Installation

(71) Schroeder, N.
(21) 2024902540 (22) 13.08.2024
(54) Ng6 EcoBlend Coffe Powder Compoiter Panel

(71) Scorer, E.
(21) 2024902570 (22) 18.08.2024
(54) Grocery management app that reduces household food waste.

Provisional Applications Filed - Name Index cont'd

(71) SENSE2 PTY LTD
 (21) 2024902524 (22) 13.08.2024
 (54) Advanced Boron-Doped Diamond Structures for High-Performance Semiconductor and Electronic Applications

(71) The Westmead Institute for Medical Research
 (21) 2024902548 (22) 15.08.2024
 (54) BIOMARKERS AND USES THEREFOR

(71) SENSE2 PTY LTD
 (21) 2024902545 (22) 15.08.2024
 (54) Advanced Boron-Doped Diamond (BDD) Structures for High-Performance Semiconductor and Memory Applications

(71) Top Flight K9 Holdings Pty Ltd
 (21) 2024902539 (22) 14.08.2024
 (54) A dog toy

(71) Smith, T.
 (21) 2024902543 (22) 15.08.2024
 (54) Centralised Data Aggregation and Standardisation System for Enhanced Data Processing and Reporting

(71) Trail Teq
 (21) 2024902554 (22) 16.08.2024
 (54) Toyota Land Cruiser 80 Series Aftermarket Steering Wheel Adapter with Steering Wheel Control Connectivity

(71) Stewart, A.; Jordan, W.
 (21) 2024902561 (22) 16.08.2024
 (54) APPARATUS AND METHOD FOR HANDLING ASSEMBLED SWITCH, TURNOUT OR CROSSING SECTION CONSISTING OF RAILS FASTENED TO BEARERS

(71) Turkunit PTY LTD
 (21) 2024902526 (22) 13.08.2024
 (54) Gravity-Fed Firearm Magazine Loading Device

Wenger, S. see The University of Sydney
 (21) 2024902538

(71) SWARD, A.D.
 (21) 2024902589 (22) 20.08.2024
 (54) A PRODUCT WITH SURPRISE ACTION

(71) Xavier da Silva, D.
 (21) 2024902556 (22) 16.08.2024
 (54) PlantCare

(71) Swing Invent Holdings Pty Ltd
 (21) 2024902532 (22) 14.08.2024
 (54) Heavy Equipment Pedal Assembly

(71) Yazdani, N.
 (21) 2024902581 (22) 20.08.2024
 (54) Stereospecific Synthesis of 1-Phenyl-2-Propanol Starting From Propylene Glycol

(71) Technological Resources Pty. Limited
 (21) 2024902564 (22) 16.08.2024
 (54) METHOD AND APPARATUS FOR PROCESSING MATERIAL USING MICROWAVES

(71) The Better Collection Pty Ltd
 (21) 2024902594 (22) 20.08.2024
 (54) Garment with Brief Support and Boxer Brief Structure

(71) The Nourished Cycle Australia Pty Ltd
 (21) 2024902520 (22) 13.08.2024
 (54) A Menstrual Cup

(71) The University of Queensland
 (21) 2024902525 (22) 13.08.2024
 (54) Production of alumina from kaolin

(71) The University of Sydney; Wenger, S.
 (21) 2024902538 (22) 14.08.2024
 (54) Aqueous direct air capture

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2024902531	ResMed Pty Ltd		
2024902532	Swing Invent Holdings Pty Ltd		
2024902533	ResMed Pty Ltd; ResMed Asia Pte. Ltd.		
2024902534	McNicol, T.; Felk, V.		
2024902535	Edit On The Spot Pty Ltd		
2024902536	Atticus Medical Pty Ltd		
2024902537	Annex Products Pty Ltd		
2024902538	The University of Sydney; Wenger, S.		
2024902539	Top Flight K9 Holdings Pty Ltd		
2024902540	Schroeder, N.		
2024902541	Deakin University		
2024902542	Orr, P.		
2024902543	Smith, T.		
2024902544	Kairouz, M.		
2024902545	SENSE2 PTY LTD		
2024902546	POPS PADDLES PTY LTD		
2024902547	CosmoAesthetics Pty Ltd		
2024902548	The Westmead Institute for Medical Research		
2024902549	Jayasinghe, M.		
2024902550	Peake, S.; Jonlo Engineering Pty Ltd		
2024902551	Peake, S.; Jonlo Engineering Pty Ltd		
2024902552	Peake, S.; Jonlo Engineering Pty Ltd		
2024902553	Peake, S.; Jonlo Engineering Pty Ltd		
2024902554	Trail Teq		
2024902555	Klevaform Pty Ltd		
2024902556	Xavier da Silva, D.		
2024902557	Patriot Campers Holdings Pty Ltd		
2024902558	Ovuka, Z.		
2024902559	Alchin Long Group IP Pty Limited		
2024902560	Krebs, A.J.		
2024902561	Stewart, A.; Jordan, W.		
2024902562	Global Locker Systems Pty Ltd		
2024902563	Haines, K.; Haines, D.		
2024902564	Technological Resources Pty. Limited		
2024902565	Filamon Pty Ltd		
2024902566	Corlette, S.		
2024902567	IWI Australia Pty Limited		
2024902568	B&N Tech Pty Ltd		
2024902569	Gardner, A.		
2024902570	Scorer, E.		
2024902571	Melton Fires Pty Ltd		
2024902572	Ross, L.		
2024902573	Mikula Geotechnics Pty Ltd		
2024902574	Makrillos, M.		
2024902575	Proa Holdings Pty Ltd		
2024902576	Bobade, A.		
2024902577	Green Bean Packaging Pty Ltd		
2024902578	Quality Assured Contracting Pty Ltd		
2024902579	Minelab Electronics Pty. Limited		
2024902580	Minelab Electronics Pty. Limited		
2024902581	Yazdani, N.		
2024902582	Modpacs		
2024902583	Innovation Corp Pty Limited		
2024902584	Leo, D.		
2024902585	Innovation Corp Pty Limited		
2024902586	Allison, H.; Allison, I.		
2024902587	Gunarathna Mudiyanseleage, P.B.G.; Gunarathna, V.		
2024902588	Macquarie University		
2024902589	SWARD, A.D.		
2024902590	Ollington, T.		
2024902591	OFB Corporation Pty Ltd		
2024902592	AIRS PATENTS PTY LTD		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 13 Aug 2024 .

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

<hr/> <p>(71) 3M Innovative Properties Company (21) 2024210997 (22) 20.08.2024 (54) Kits, assemblies and methods for suspending objects from ceilings</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2024205796 (22) 15.08.2024 (54) Analyte sensors and sensing methods featuring low-potential detection</p> <hr/> <p>(71) Agios Pharmaceuticals, Inc. (21) 2024205818 (22) 16.08.2024 (54) Pyruvate kinase activators for use in treating blood disorders</p> <hr/> <p>(71) AHS Hospital Corp.; TScan Therapeutics, Inc. (21) 2024205749 (22) 14.08.2024 (54) SARS-CoV-2 immunodominant peptide constructs and uses thereof</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2024205864 (22) 19.08.2024 (54) LOW TEMPERATURE MEMBRANE PROCESS FOR BIOGAS UPGRADING</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024208793 (22) 19.08.2024 (54) Game token tray, table game management system, game token tray system, and game token management method</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024208802 (22) 19.08.2024 (54) Game management system</p> <hr/> <p>(71) Apple Inc. (21) 2024205797 (22) 15.08.2024 (54) Wearable computer with fitness machine connectivity for improved activity monitoring using caloric expenditure models</p> <hr/> <p>(71) Applicants IND Window Fabrications Pty Ltd (21) 2024205857 (22) 16.08.2024 (54) Window assembly for secure facility</p> <hr/> <p>(71) Aquatec Environmental Group Pty Ltd (21) 2024205848 (22) 16.08.2024</p>	<p>(54) A PRE-CAST CONCRETE PUMP STATION</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205729 (22) 13.08.2024 (54) OUTPUT ACCUMULATION SYSTEMS AND METHODS IN ELECTRONIC GAMING</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205730 (22) 13.08.2024 (54) RANDOMLY IMPROVING WINNING COMBINATIONS THROUGH ADDITIONAL GAME WINDOWS IN A RANDOM BASED GAMING ENVIRONMENT</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205731 (22) 13.08.2024 (54) METHODS AND SYSTEMS FOR CONTROLLING A CONTINUOUS SYMBOL SEQUENCE MECHANIC USING PERSISTENT AWARD VALUES</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205732 (22) 13.08.2024 (54) RATE CONTROL OF DIFFERENT METAMORPHIC FEATURES ACTIVATION ACCORDING TO A TRIGGERING MECHANISM IN A RANDOM GAMING ENVIRONMENT</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205733 (22) 13.08.2024 (54) GAMING OPERATION FOR DYNAMICALLY AND RANDOMLY MODIFYING SYMBOL AWARDS DISPLAYED ON A GAMING DEVICE</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205734 (22) 13.08.2024 (54) ELECTRONIC GAMING DEVICE WITH REEL BASED BOOST MECHANIC FOR UPDATING A DISPLAYED OUTCOME</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205735 (22) 13.08.2024 (54) AUTOMATIC ON-BOARD CONTROLLERS FOR ELECTRONIC GAMING DEVICES</p>	<p>(71) Aristocrat Technologies, Inc. (21) 2024205736 (22) 13.08.2024 (54) ELECTRONIC GAME WITH MULTIPLE REEL AREAS AND PERSISTENT BLOCKING SYMBOLS</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205737 (22) 13.08.2024 (54) LOCATION AWARENESS IN A CASINO ENVIRONMENT USING LOW-POWER TECHNOLOGIES</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205738 (22) 13.08.2024 (54) GAMING DEVICE WITH CLONING REEL SUBSET AND EXPANDING REEL SUBSET</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205739 (22) 13.08.2024 (54) SERVICEABLE SURFACE MOUNT BUTTON ASSEMBLY WITH INFRARED SENSOR DETECTION FOR ELECTRONIC GAMING DEVICES AND SYSTEMS</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205740 (22) 13.08.2024 (54) USER TRACKING SYSTEMS AND METHODS IN ELECTRONIC GAMING</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024205826 (22) 16.08.2024 (54) ELECTRONIC GAMING SYSTEMS AND METHODS FOR DETERMINING RECREATED OUTCOMES USING DYNAMIC RULES</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024205770 (22) 14.08.2024 (54) A GAMING SYSTEM AND METHOD OF GAMING</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024205771 (22) 14.08.2024 (54) A METHOD OF GAMING, A GAME CONTROLLER, AND A GAMING SYSTEM</p>
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Complete Applications Filed - Name Index cont'd

(71) Asahi Group Foods, Ltd.; Asahi Group Holdings, Ltd.
 (21) 2024208807 (22) 19.08.2024
 (54) Yeast cell wall-derived decomposition-containing composition, production method therefor, and usage therefor

Asahi Group Holdings, Ltd. see Asahi Group Foods, Ltd.
 (21) 2024208807

(71) Atriva Therapeutics GmbH
 (21) 2024205853 (22) 16.08.2024
 (54) Novel MEK-inhibitor for the treatment of viral and bacterial infections

(71) Avent, Inc.
 (21) 2024205779 (22) 15.08.2024
 (54) SYSTEM AND METHOD FOR AN IMPROVED GRAPHICAL USER INTERFACE THAT PROVIDES INDEPENDENT CONTROL OF MULTIPLE RADIOFREQUENCY PROBES DURING AN ABLATION PROCEDURE

(71) Axsome Therapeutics, Inc.
 (21) 2024205858 (22) 17.08.2024
 (54) DOSAGE FORMS AND METHODS FOR ENANTIOMERICALLY ENRICHED OR PURE BUPROPION

(71) AXSOME THERAPEUTICS, INC.
 (21) 2024205772 (22) 14.08.2024
 (54) Pharmaceutical compositions comprising meloxicam

(71) AZL Holdings Pty Ltd
 (21) 2024205831 (22) 16.08.2024
 (54) Foldable stairs

(71) Basham, J.
 (21) 2024205767 (22) 14.08.2024
 (54) Cutter assemblies and shearing hand-piece

Berg, K. see Berstad, M.
 (21) 2024211003

(71) Berstad, M.; Berg, K.; Engebråten, O.; Weyergang, A.
 (21) 2024211003 (22) 20.08.2024
 (54) DIAGNOSIS AND TREATMENT OF CANCER

(71) Beyond 700 Pty Ltd
 (21) 2024205847 (22) 16.08.2024
 (54) METHODS BASED ON TEAR FILM BEHAVIOUR

(71) Budda-Deen, M.
 (21) 2024205861 (22) 18.08.2024
 (54) Toy Shearing Handpiece

(71) Canva Pty Ltd
 (21) 2024205835 (22) 16.08.2024
 (54) Systems and methods for generating digital designs with correct aspect ratios

(71) CarryGenes Bioengineering
 (21) 2024206914 (22) 19.08.2024
 (54) Methods for creating synthetic chromosomes expressing biosynthetic pathways and uses thereof

(71) CATERPILLAR INC.
 (21) 2024205843 (22) 16.08.2024
 (54) METHOD AND SYSTEM OF DITCH EXTRACTION FOR A MOTOR GRADER

(71) CFPH, LLC
 (21) 2024205866 (22) 19.08.2024
 (54) AGGREGATE GAMING FUNDS

(71) chen, x.
 (21) 2024205741 (22) 13.08.2024
 (54) ROAD MILLING CUTTING DISC, ROAD MILLING DEVICE AND ROAD PLANING MACHINE

(71) chen, x.
 (21) 2024205742 (22) 13.08.2024
 (54) HEALTH MANAGEMENT METHOD BASED ON IMAGE RECOGNITION

(71) Cherry Constructions Pty. Ltd.
 (21) 2024208812 (22) 19.08.2024
 (54) MODULE FOR TRUSS WEB AND TRUSS ASSEMBLY

(71) Chevron U.S.A. Inc.
 (21) 2024205754 (22) 14.08.2024
 (54) Remote evaluation of subsea wellhead

(71) China Medical University
 (21) 2024205724 (22) 13.08.2024
 (54) TARGETED CARRIER WITH A PROPERTY OF CROSSING THE BLOOD-BRAIN BARRIER, PHARMACEUTICAL COMPOSITION AND USES THEREOF

(71) CNC Components Pty Ltd
 (21) 2024205799 (22) 15.08.2024
 (54) STEERING TRANSFER ASSEMBLY

(71) CNH Industrial America LLC
 (21) 2024205828 (22) 16.08.2024
 (54) Mat leveling system for a conveying system of an agricultural harvester

(71) Consejo Nacional de Investigaciones Científicas y Técnicas; The Regents of the University of California
 (21) 2024205750 (22) 14.08.2024
 (54) Methods for improved regeneration of transgenic plants using Growth-Regulating Factor (GRF), GRF-Interacting Factor (GIF), or chimeric GRF-GIF genes and proteins

(71) Cosmo Artificial Intelligence - Ai Limited
 (21) 2024205765 (22) 14.08.2024
 (54) SYSTEMS AND METHODS FOR TRAINING GENERATIVE ADVERSARIAL NETWORKS AND USE OF TRAINED GENERATIVE ADVERSARIAL NETWORKS

(71) Crayola LLC
 (21) 2024208815 (22) 20.08.2024
 (54) PENDULUM DECORATING APPARATUS

(71) CRBN Pickleball LLC
 (21) 2024205841 (22) 16.08.2024
 (54) Paddle Technology

(71) CUTSFORTH, INC.
 (21) 2024208801 (22) 19.08.2024
 (54) Brush holder assembly

(71) Dana-Farber Cancer Institute, Inc.
 (21) 2024205851 (22) 16.08.2024
 (54) XBP1, CD138, and CS1 peptides, pharmaceutical compositions that include the peptides, and methods of using such peptides and compositions

(71) Danstar Ferment AG
 (21) 2024208814 (22) 20.08.2024
 (54) Production of steviol glycosides in recombinant hosts

(71) Deere & Company
 (21) 2024205777 (22) 15.08.2024
 (54) Control of a commodity agitation system

(71) Duracell U.S. Operations, Inc.
 (21) 2024208806 (22) 19.08.2024
 (54) BATTERY WITH SAFETY MECHANISM

(71) Dynamics G-Ex Pty Ltd
 (21) 2024208809 (22) 19.08.2024
 (54) CORE TRAY LOGGING TABLE CONNECTOR AND METHOD OF USE

Complete Applications Filed - Name Index cont'd

(71) Eaton Electrical Ltd.
(21) 2024205761 (22) 14.08.2024
(54) A CIRCUIT BREAKER

(71) Eli Lilly and Company
(21) 2024205812 (22) 16.08.2024
(54) Process for preparing a GIP/GLP1 dual agonist

(71) Elson, P.
(21) 2024205834 (22) 16.08.2024
(54) Retaining wall

Engebråten, O. see Berstad, M.
(21) 2024211003

(71) Entera Bio Ltd.
(21) 2024211004 (22) 20.08.2024
(54) Formulations for oral administration of active agents

(71) Equals 3 LLC
(21) 2024205746 (22) 14.08.2024
(54) SEARCHING STRUCTURED AND UNSTRUCTURED DATA SETS

(71) EXEL Industries
(21) 2024205768 (22) 14.08.2024
(54) Garden watering flow meters

(71) Eyepoint Pharmaceuticals, Inc.
(21) 2024205789 (22) 15.08.2024
(54) Humanized monoclonal antibodies that target VE-PTP (HPTP-β)

(71) F. Hoffmann-La Roche AG; GENENTECH, INC.
(21) 2024205845 (22) 16.08.2024
(54) Processes for the preparation of pyrimidinylcyclopentane compounds

(71) FARRELL, C.
(21) 2024205833 (22) 16.08.2024
(54) AN INTRA ORAL APPLIANCE

(71) Fisher & Paykel Healthcare Limited
(21) 2024205747 (22) 14.08.2024
(54) CONNECTORS FOR RESPIRATORY ASSISTANCE SYSTEMS

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024208798 (22) 19.08.2024
(54) HUMIDIFICATION CHAMBER AND CHAMBER SEAL FOR A RESPIRATORY ASSISTANCE APPARATUS

(71) FUJIFILM Corporation; FUJIFILM Medical Systems USA, Inc.
(21) 2024205829 (22) 16.08.2024
(54) Medical care assistance device, and operation method and operation program therefor

FUJIFILM Medical Systems USA, Inc. see FUJIFILM Corporation
(21) 2024205829

(71) GE Aviation Systems LLC
(21) 2024205822 (22) 16.08.2024
(54) EVAPORATIVE THERMAL MANAGEMENT SYSTEMS AND METHODS

GENENTECH, INC. see F. Hoffmann-La Roche AG
(21) 2024205845

(71) Georg Fischer LLC
(21) 2024205825 (22) 16.08.2024
(54) Valve containment

(71) Georg Fischer Signet LLC
(21) 2024205821 (22) 16.08.2024
(54) Conductivity sensor

(71) Georg Fischer Signet LLC
(21) 2024205824 (22) 16.08.2024
(54) Conductivity sensor

(71) Geron Corporation
(21) 2024208794 (22) 19.08.2024
(54) Methods of treating myelodysplastic syndrome

(71) Gilead Sciences, Inc.
(21) 2024205867 (22) 19.08.2024
(54) Capsid inhibitors for the prevention of HIV

(71) GILEAD SCIENCES, INC.
(21) 2024205850 (22) 16.08.2024
(54) Processes and intermediates for preparing macrocyclic MCL1 inhibitors

(71) GRILLS, T.A.
(21) 2024208805 (22) 19.08.2024
(54) GARMENT HOLDER

(71) Guangdong Oppo Mobile Telecommunications Corp., Ltd.
(21) 2024205787 (22) 15.08.2024
(54) Method for encoding/decoding image signal, and apparatus therefor

(71) Halliburton Energy Services, Inc.
(21) 2024205790 (22) 15.08.2024

(54) SALTING OUT INHIBITORS FOR USE IN TREATMENT FLUIDS

(71) harding, d.
(21) 2024205859 (22) 17.08.2024
(54) glow in the dark delineation

(71) HONEYWELL INTERNATIONAL INC.
(21) 2024205780 (22) 15.08.2024
(54) METHODS AND SYSTEMS FOR DYNAMIC ALARM PRIORITIZATION IN A BUILDING CONTROL SYSTEM

(71) HONEYWELL INTERNATIONAL INC.
(21) 2024205798 (22) 15.08.2024
(54) UNDERWATER VEHICLE DYNAMICS MODELING ENHANCED NAVIGATION WITH RELEASABLE TRAINING SYSTEM

(71) Huang, G.
(21) 2024205781 (22) 15.08.2024
(54) COMBINED PLANT COMPOUNDS FOR USE IN THE TREATMENT OF VIRAL INFECTIONS INCLUDING COVID-19

(71) Huawei Technologies Co., Ltd.
(21) 2024205784 (22) 15.08.2024
(54) CHANNEL ACCESS METHOD FOR MULTI-LINK DEVICE, AND RELATED APPARATUS

(71) Huawei Technologies Co., Ltd.
(21) 2024205795 (22) 15.08.2024
(54) DATA TRANSMISSION METHOD AND APPARATUS

(71) Huawei Technologies Co., Ltd.
(21) 2024205844 (22) 16.08.2024
(54) METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING PHYSICAL LAYER PROTOCOL DATA UNIT

(71) ICSIP Pty Ltd
(21) 2024208796 (22) 19.08.2024
(54) PRODUCTION OF LITHIUM CHEMICALS AND METALLIC LITHIUM

(71) IGT
(21) 2024205743 (22) 14.08.2024
(54) SYSTEM AND METHOD FOR UTILIZING VIRTUAL TICKET VOUCHERS

(71) IGT
(21) 2024208813 (22) 20.08.2024
(54) SYSTEM AND METHOD FOR PROVIDING AWARDS FOR UTILIZING A MOBILE DEVICE IN ASSOCIATION WITH A GAMING ESTABLISHMENT RETAIL ACCOUNT

Complete Applications Filed - Name Index cont'd

(71) Illinois Tool Works Inc.
(21) 2024205842 (22) 16.08.2024
(54) Tie bar assembly

(71) Illinois Tool Works Inc.
(21) 2024208797 (22) 19.08.2024
(54) Tie bar assembly

(71) Implantica Patent Ltd
(21) 2024205830 (22) 16.08.2024
(54) System and method for embryo control

(71) Imtrade Australia Pty Ltd
(21) 2024205745 (22) 14.08.2024
(54) Pesticide formulation comprising omethoate and means to monitor the stability thereof

(71) Interacoustics A/S
(21) 2024205855 (22) 16.08.2024
(54) Instrument for detecting auditory evoked neural responses

(71) Ionis Pharmaceuticals, Inc.
(21) 2024205862 (22) 19.08.2024
(54) COMPOUNDS AND METHODS FOR MODULATION OF SMN2

(71) Jaan Biotherapeutics, LLC
(21) 2024205803 (22) 15.08.2024
(54) COMPOSITIONS AND METHODS FOR TREATMENT OF CARDIAC DISEASES

(71) James L. Orrington, II D.D.S., P.C.
(21) 2024205840 (22) 16.08.2024
(54) GAS PURIFICATION APPARATUS FOR NASAL APPLICATION

(71) Janczyk, A.
(21) 2024211007 (22) 20.08.2024
(54) A Mobile Solar Power Trailer

(71) Johnson & Johnson Consumer Inc.
(21) 2024205846 (22) 16.08.2024
(54) Tamper evident carton

(71) Johnson & Johnson GmbH
(21) 2024205804 (22) 15.08.2024
(54) Method of winding up tampon material

(71) Kegspeed, LLC
(21) 2024205856 (22) 16.08.2024
(54) A DISTRIBUTION NETWORK FOR MONITORING, CONTROLLING AND OPTIMIZING FLOW OF LIQUID BEVERAGE PRODUCTS DELIVERED TO CUSTOMERS VIA CONTAINERS

(71) Kitching, D.
(21) 2024205793 (22) 15.08.2024
(54) A PLANT CONTAINER

(71) Koloma, Inc.
(21) 2024205832 (22) 16.08.2024
(54) SYSTEMS AND METHODS FOR PRODUCTION OF LOW CARBON INTENSITY HYDROGEN FROM GEOLOGIC SOURCES

(71) Levobio Limited
(21) 2024206912 (22) 19.08.2024
(54) A photocurable acrylate resin monomer and the use thereof

(71) LG Electronics Inc.
(21) 2024206913 (22) 19.08.2024
(54) DOORS FOR HOME APPLIANCE AND HOME APPLIANCE INCLUDING SAME

(71) LG Electronics Inc.
(21) 2024210999 (22) 20.08.2024
(54) METHOD AND DEVICE FOR WEIGHTED PREDICTION FOR IMAGE/VIDEO CODING

(71) LG ELECTRONICS INC.
(21) 2024205805 (22) 15.08.2024
(54) REFRIGERATOR

(71) Lindsay Corporation
(21) 2024205757 (22) 14.08.2024
(54) IRRIGATION SYSTEM COMPUTING DEVICE FOR PROCESSING GEOSPATIAL DATA

(71) LINEAGE LOGISTICS, LLC
(21) 2024205800 (22) 15.08.2024
(54) POINT CLOUD FILTERING

(71) LoBue, L.
(21) 2024205809 (22) 16.08.2024
(54) EVAPORATIVE COOLER PADS MADE FROM BANANA CELLULOSE FIBERS

(71) LOCKHEED MARTIN CORPORATION
(21) 2024205792 (22) 15.08.2024
(54) SYSTEMS AND METHODS FOR CALIBRATING A WIRELESS HARNESS AUTOMATED MEASUREMENT SYSTEM

(71) Lynk Pharmaceuticals Co. Ltd.
(21) 2024205760 (22) 14.08.2024
(54) Tricyclic Janus kinase 1 inhibitors, and compositions and methods thereof

(71) Macernis, A.
(21) 2024211008 (22) 20.08.2024
(54) WRAP-AROUND GATE LATCH WITH A PAIR OF LOCKING MECHANISM

(71) MANSELL, J.
(21) 2024205808 (22) 16.08.2024
(54) Sterilizing surgical instrument table

(71) Match Group, LLC
(21) 2024211001 (22) 20.08.2024
(54) SYSTEM AND METHOD FOR MATCHING USING LOCATION INFORMATION

(71) Maytronics Ltd.
(21) 2024205865 (22) 19.08.2024
(54) ESTIMATING A STATUS OF A FLUID FILTER OF A CLEANING DEVICE

(71) McWhirter, N.
(21) 2024211010 (22) 20.08.2024
(54) Electronic life capsule for children and palliative care patients

(71) Memorial Sloan-Kettering Cancer Center
(21) 2024205819 (22) 16.08.2024
(54) Effective generation of tumor-targeted T-cells derived from pluripotent stem cells

(71) Mumble By Design Pty Ltd
(21) 2024205836 (22) 16.08.2024
(54) Panel Stand Assembly

(71) NantCell, Inc.
(21) 2024205755 (22) 14.08.2024
(54) Treatment of covid-19 and methods therefor

(71) Nokia Technologies Oy
(21) 2024205786 (22) 15.08.2024
(54) Power headroom report for a serving cell

(71) NOVOLUTO GmbH
(21) 2024208803 (22) 19.08.2024
(54) Stimulation device

(71) Nunhems B.V.
(21) 2024205788 (22) 15.08.2024
(54) Tomato variety NUN 08605 TOF

(71) Nunhems B.V.
(21) 2024208799 (22) 19.08.2024
(54) LETTUCE VARIETY NUN 01317 LTL

Complete Applications Filed - Name Index cont'd

(71) Omnicell, Inc.
 (21) 2024205806 (22) 15.08.2024
 (54) Multi-camera imaging for IV compound-
 ing

(71) Osmose Utilities Services, Inc.
 (21) 2024205801 (22) 15.08.2024
 (54) SYSTEMS AND METHODS FOR EN-
 HANCED UTILITY LINE AND POLE
 DETECTION, CLASSIFICATION, AND
 INSPECTION USING LIDAR POINT
 CLOUD DATA

(71) Paloma Co., Ltd.
 (21) 2024205794 (22) 15.08.2024
 (54) Water heating system and determina-
 tion method of tank capacity in water
 heating system

(71) Panasonic Intellectual Property Corpor-
 ation of America
 (21) 2024205758 (22) 14.08.2024
 (54) Three-dimensional data encoding meth-
 od, three-dimensional data decoding
 method, three-dimensional data encod-
 ing device, and three-dimensional data
 decoding device

(71) Panduit Corp.
 (21) 2024208816 (22) 20.08.2024
 (54) Segmented bend restrictor system with
 full disassembly capability

(71) PayPal, Inc.
 (21) 2024205791 (22) 15.08.2024
 (54) Versatile point-of-sale systems and
 methods

(71) Pearl Therapeutics, Inc.
 (21) 2024205820 (22) 16.08.2024
 (54) DRUG DELIVERY SYSTEMS AND RE-
 LATED METHODS

(71) PIETERSE, P.
 (21) 2024208810 (22) 19.08.2024
 (54) A bowling arm

(71) Pratt Retail Specialties, LLC
 (21) 2024205762 (22) 14.08.2024
 (54) Insulated Bag

(71) Pratt Retail Specialties, LLC
 (21) 2024205763 (22) 14.08.2024
 (54) Insulated Bag

(71) Pratt Retail Specialties, LLC
 (21) 2024208808 (22) 19.08.2024
 (54) Insulated Bag with Handles

(71) Precigen, Inc.
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(71) PROGRESS RAIL LOCOMOTIVE INC.
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(71) W.M. Barr & Company, Inc.
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(71) Wang, H.
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(71) Weatherford Technology Holdings, LLC
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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)
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 2018391045 (5C) 2018401694 (5C)

2019

2019100111 (22E) 2019100116 (22E) 2019200796 (14)
 2019201539 (14) 2019204864 (14) 2019213430 (14)
 2019214017 (4C) 2019214149 (4C) 2019214557 (4C)
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2020100002 (22E) 2020200737 (4A) 2020200749 (4A)

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2021

2021100599 (22E) 2021100634 (22E) 2021100644 (22E)
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 2021100698 (22E) 2021100706 (22E) 2021200653 (14)
 2021201118 (5C) 2021201586 (5C) 2021201705 (5C)
 2021202027 (5C) 2021206185 (5C) 2021210994 (5C)
 2021211643 (5C) 2021214911 (5C) 2021217770 (5C)
 2021229560 (5C) 2021234690 (5C) 2021235713 (5C)
 2021243887 (5C) 2021245176 (5C) 2021248492 (5C)
 2021277382 (5C) 2021346958 (5C)

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 2022201637 (5C) 2022201814 (5C) 2022201891 (5C)
 2022201976 (5C) 2022202046 (5C) 2022202070 (4C)
 2022202118 (5C) 2022202226 (5C) 2022202855 (5C)
 2022203011 (5C) 2022203183 (5C) 2022203188 (5C)
 2022203281 (5C) 2022203581 (4C) 2022203673 (5C)
 2022203801 (5C) 2022203802 (5C) 2022203848 (5C)
 2022203950 (5C) 2022204165 (5C) 2022204175 (5C)
 2022204343 (5C) 2022204496 (5C) 2022204522 (5C)
 2022204621 (5C) 2022205149 (5C) 2022205248 (5C)
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 2022211820 (5C) 2022211821 (5C) 2022215153 (5C)
 2022215180 (5C) 2022220640 (5C) 2022221512 (5C)
 2022221557 (4C) 2022224858 (5C) 2022228100 (5C)
 2022228220 (5C) 2022241602 (5C) 2022246429 (5C)
 2022246449 (4C) 2022252775 (4C) 2022259775 (4C)
 2022279510 (5C) 2022283650 (5C) 2022287554 (5C)

2023

2023100093 (21F) 2023202488 (5CN) 2023203337 (5CN)
 2023203645 (5C) 2023203945 (5C) 2023204420 (5CN)
 2023204572 (5CN) 2023206090 (5CN) 2023241347 (4C)
 2023251528 (4C) 2023274086 (4C) 2023902628 (12AN)

2024

2024200304 (4C) 2024203461 (1BN) 2024203486 (1B)
 2024203489 (1B) 2024203566 (1B) 2024203599 (1B)
 2024902220 (12AN) 2024902531 (12AN)

Assignments before Grant, Section 113

2019

2019267680 Clearb Therapeutics Ltd.; Melbourne Health The application has been assigned to **Melbourne Health**

2019390274 ABL Bio Inc.; I-Mab Biopharma Co., Ltd. The application has been assigned to **I-Mab Biopharma US Limited; ABL Bio Inc.**

2019414430 Chester Valve Corporation The application has been assigned to **Ningbo Fuhua Valve Co., Ltd**

2020

2020296063 Ribon Therapeutics, Inc. The application has been assigned to **Abbvie Biotechnology LTD**

2020361523 Kick, Merrilee The application has been assigned to **BuzzBallz, LLC**

2020374883 Eisai R&D Management Co., Ltd.; Merck Sharp & Dohme Corp.; MSD International GmbH The application has been assigned to **Merck Sharp & Dohme LLC; Eisai R&D Management Co., Ltd.; MSD International GmbH**

2021

2021276154 EndoCator, Inc. The application has been assigned to **INTER-MED, INC.**

2021296514 Oral Tech AI Pty Ltd; Indyzen Inc. The application has been assigned to **ORAL TECH AI PTY LTD**

2023

2023233066 Ribon Therapeutics Inc. The application has been assigned to **Abbvie Biotechnology LTD**

2023237156 Mofid, Mehrdad The application has been assigned to **SYLKE, INC.**

2024

2024204099 Fellowship of Orthopaedic Researchers, Inc.; Gomboc, LLC The application has been assigned to **Fellowship of Orthopaedic Researchers, Inc.**

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.

2019

2019100391 **Luth Pty Ltd** An application to extend the time from 11 Apr 2023 to 11 Jun 2024 in which to pay a renewal fee has been filed . Address for service - Michael Buck IP 159 Musgrave Road Red Hill QLD 4059 AU

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2018

2018431454 **Sugirthamuthu, S.; Parikumar, P.** The time in which to pay a renewal fee has been extended to 13 Mar 2024 . Address for service - SHOBHANA SUGIRTHAMUTHU C/o CB Jai Lawyers 69 Toongabbie Road Toongabbie NSW 2146 AU

2022

2022259816 **DOSE Medical Corporation** The time in which to pay a continuation fee has been extended to 18 Jan 2024 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2022390166 **DMT SOLUTIONS GLOBAL CORPORATION** The time in which to enter the National Phase has been extended to 18 Jul 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2024

2024202407 **Matthew Plumbridge** The time in which to comply with a direction under Reg 3.2A has been extended to 17 Jul 2024 . Address for service - Matthew Plumbridge 61 Alma Rd St Kilda VIC 3182 AU

Amendments

Applications for Amendment

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

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

2017

2017296095 Multispecific antibodies against CD40 and CD137 **BioNTech SE ; Genmab A/S** The nature of the amendment is as shown in the statement(s) filed 07 Aug 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2017431376 Door system for a vacuum train **Swiss Transportation Research Institute AG** The nature of the amendment is as shown in the statement(s) filed 06 Aug 2024 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2019

2019260015 Process for the hydrolysis of quinolone carboxylic esters **Bayer Animal Health GmbH** The nature of the amendment is as shown in the statement(s) filed 05 Aug 2024 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2022

2022202829 Integrated thruster apparatus for a marine vessel **Steering Solutions IP Holding Corporation** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2024 . Address

Amendments

for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022299062 ENVIRONMENTAL-FRIENDLY PROCESS FOR THE TREATMENT OF WASTEWATER **UMICORE ; UNIVERSITEIT GENT** The nature of the amendment is as shown in the statement(s) filed 02 Aug 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Amendments Made

2018

2018368801 **Outdoor Wireless Networks LLC** The nature of the amendment is as shown in the statement(s) filed 20 May 2024

2019

2019323306 **NTT DOCOMO, INC.** The nature of the amendment is as shown in the statement(s) filed 20 May 2024

2019324949 **Newcrest Mining Limited** The nature of the amendment is: Amend the name of the inventor to read VOLLERT, Luke and SEAMAN, Brigitte Angela

2019348732 **Ipsen Biopharm Limited** The nature of the amendment is as shown in the statement(s) filed 14 May 2024

2020

2020202956 **TNBT HOLDINGS PTY LTD** The nature of the amendment is as shown in the statement(s) filed 15 Apr 2024

2020303566 **Diebold Nixdorf Incorporated** The nature of the amendment is as shown in the statement(s) filed 29 Apr 2024

2020354946 **Aquent LLC; Carlson, B.** The nature of the amendment is: Amend the name of the inventor to read CARLSON, Brennan; HUNTER, Zachary; WITHERSPOON, Eric; TONEY, Matthew; PEHNKE, Lauren; GUDIGOPURAM, Shanthy; YAN, Yan; RUE, Daryl; LAPIDOT, Nadav; WOOD, Jeremy; ROMEU, Frank; CROSCUP, Kimberley; HOWES, Maxfield; BRANIGAN, Patrick and MAYS, Tim

2021

2021246118 **Veru Inc.** The nature of the amendment is as shown in the statement(s) filed 22 May 2024

2021286307 **Friedrich-Alexander-Universitat Erlangen-Nuernberg; Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung e.V.** The nature of the amendment is as shown in the statement(s) filed 13 May 2024

2022

2022213423 **AMCOR FLEXIBLES NORTH AMERICA, INC.** The nature of the amendment is: Amend the name of the inventor to read DE RYBEL, Nils; ETTRIDGE, Peter; COOLS, Pieter; BIRCH, Steven and STEWART, Paul

2022213424 **AMCOR FLEXIBLES NORTH AMERICA, INC.** The nature of the amendment is: Amend the name of the inventor to read DE RYBEL, Nils; ETTRIDGE, Peter; COOLS, Pieter; BIRCH, Steven and STEWART, Paul

Amendments

2022309032 **Custom Made Inserts Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read HINTON, Ben and WOOD, William

2022331162 **EBARA CORPORATION** The nature of the amendment is: Amend the invention title to read Power Feeding Apparatus and Power Feeding Method for Submersible Pump

2022354429 **GUSTOMSC B.V.; NATIONAL OILWELL VARCO NORWAY AS** The nature of the amendment is: Amend the name of the inventor to read HØYDALL, Oddvar; BARJAKTAROVIC, Boro; STRAND, Thor Lars Ludvig; BØHN, Kurt and HAAVIND, Erik

2022438165 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read COMMUNICATIONS METHOD AND APPARATUS

2023

2023205607 **SHENZHEN SYNTHETICA PIONEERING CO., LTD.** The nature of the amendment is: Amend the invention title to read Modified Bacteria with Anti-Tumor Activity

2023206582 **VERSUNI HOLDING B.V.** The nature of the amendment is: Amend the name of the inventor to read VONK, Arjan Sander; ROZEBOOM, Frans; DE VRIND, Johannes Rogier; LUIJKX, Renee; WIERSEMA, Willem; DE WIT, Bastiaan Johannes; DE VRIES, Roderik; ADAMS, Imogen and AL-SHORACHI, Albert

2023207621 **NANOCOMP TECHNOLOGIES, INC.** The nature of the amendment is as shown in the statement(s) filed 06 Aug 2024

2023207739 **ORICELL THERAPEUTICS CO., LTD.** The nature of the amendment is: Amend the invention title to read CHIMERIC ANTI-GEN RECEPTOR TARGETING GPRC5D AND USE THEREOF

2023222920 **KOREA ZINC CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 07 May 2024

2023255622 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read STEEL PLATE AND METHOD OF PRODUCING SAME

2023255865 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read STEEL PLATE AND METHOD OF PRODUCING SAME

2024

2024205132 **Signcomplex Limited** The nature of the amendment is: Amend the invention title to read LED SURFACE MOUNTED EXTRUSION STRUCTURE AND LED LIGHT STRIP HAVING SAME

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

2011

2011100871 ARNOTT, MARALYN JUNE The name of the patentee has been altered to **PRIEST, M.**

Amendments**2012**

2012300182 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2014

2014283775 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2014289638 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2014291807 Heptares Therapeutics Limited The name of the patentee has been altered to **Nxera Pharma UK Limited**

2014350608 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2014366879 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2015

2015215266 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2015263837 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2016

2016204164 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2016263076 Akamara Therapeutics, Inc. The name of the patentee has been altered to **Alyssum Therapeutics, Inc.**

2016299439 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2017

2017358961 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2018

2018241104 Heptares Therapeutics Limited The name of the patentee has been altered to **Nxera Pharma UK Limited**

2018280344 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

Amendments

2018348907 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2019

2019202617 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2019319907 Valo Early Discovery, Inc. The name of the applicant has been altered to **Valo Health, Inc.**

2020

2020267261 Schenck Process Australia Pty Limited The name of the patentee has been altered to **Sandvik Rock Processing Australia Pty Limited**

2020366300 Olatec Therapeutics LLC The name of the applicant has been altered to **Olatec Therapeutics, Inc.**

2020366440 Berkeley Brewing Science, Inc. The name of the applicant has been altered to **Berkeley Fermentation Science Inc.**

2020366653 Krauss-Maffei Wegmann GmbH & Co. KG The name of the patentee has been altered to **KNDS Deutschland GmbH & Co. KG**

2020391030 Krauss-Maffei Wegmann GmbH & Co. KG The name of the applicant has been altered to **KNDS Deutschland GmbH & Co. KG**

2021

2021202100 Crestovo Holdings LLC. The name of the applicant has been altered to **Finch Therapeutics Holdings LLC**

2021291578 Schenck Process Australia Pty Limited The name of the applicant has been altered to **Sandvik Rock Processing Australia Pty Limited**

2021345378 Schenck Process Australia Pty Limited The name of the applicant has been altered to **Sandvik Rock Processing Australia Pty Limited**

2021346763 Schenck Process Australia Pty Limited The name of the applicant has been altered to **Sandvik Rock Processing Australia Pty Limited**

2021349777 Schenck Process Australia Pty Limited The name of the applicant has been altered to **Sandvik Rock Processing Australia Pty Limited**

2021359640 Schenck Process Australia Pty Limited The name of the applicant has been altered to **Sandvik Rock Processing Australia Pty Limited**

2021366077 Krauss-Maffei Wegmann GmbH & Co. KG The name of the applicant has been altered to **KNDS Deutschland GmbH & Co. KG**

Amendments

2021379006 Krauss-Maffei Wegmann GmbH & Co. KG The name of the applicant has been altered to **KNDS Deutschland GmbH & Co. KG**

2021399881 Schenck Process Australia Pty Limited The name of the applicant has been altered to **Sandvik Rock Processing Australia Pty Limited**

2021404411 Schenck Process Australia Pty Limited The name of the applicant has been altered to **Sandvik Rock Processing Australia Pty Limited**

2022

2022309032 CUSTOM FOOT INSERTS PTY LTD The name of the applicant has been altered to **Custom Made Inserts Pty Ltd**

2022374617 UPL CORPORATION LIMITED; UPL EUROPE LTD.; MMAG CO., LTD. The name of the applicant has been altered to **UPL CORPORATION LIMITED; UPL EUROPE LTD.; MITSUI CHEMICALS CROP & LIFE SOLUTIONS, INC..**

2023

2023208731 SWM LUXEMBOURG The name of the applicant has been altered to **Mativ Luxembourg**

2023221400 TERRAN BIOSCIENCES, INC. ; Samuel CLARK ; Matthew DUNCTON The name of the applicant has been altered to **TER-RAN BIOSCIENCES INC.**

2023902813 Seer Medical Pty Ltd The name of the applicant has been altered to **Seer Medical Holdings Limited**

2024

2024902434 Plasma Shield Pty Ltd The name of the applicant has been altered to **Plasma Shield Limited**

2024902522 Mountain Distillery Company Pty Ltd The name of the applicant has been altered to **Mountain Distilling Company Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) 3D At Depth, Inc.
 (11) AU-A-2024205602
 (21) 2024205602 (22) 08.08.2024
 (54) SYSTEMS AND METHODS FOR MONITORING UNDERWATER STRUCTURES
 (51) Int. Cl.
 G01S 17/89 (2020.01)
 G02B 6/00 (2006.01)
 G06T 3/40 (2006.01)
 (43) 29.08.2024
 (62) 2022283612
 (72) Embry, Carl W.; Hardy, Mark; Nickerson, Brett; Manning, Neil
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ABL Bio, Inc.; LigaChem Biosciences Inc.
 (11) AU-A-2024205092
 (21) 2024205092 (22) 25.07.2024
 (54) ANTIBODY-DRUG CONJUGATE COMPRISING ANTIBODY AGAINST HUMAN ROR1, AND USE FOR THE SAME
 (51) Int. Cl.
 A61K 47/68 (2017.01)
 A61K 31/5517 (2006.01)
 A61P 35/00 (2006.01)
 C07K 16/28 (2006.01)
 (43) 29.08.2024
 (62) 2020343888
 (72) PARK, Yun Hee; SONG, Ho Young; RYU, Hyun Min; KIM, Sung Min; BAEK, Ju Yuel; OH, Ji Hye; HAN, Nara; KIM, Hyoung Rae; PARK, Kyung Eun; LEE, Hyeun Joung; LEE, Ju Young; KANG, Dae Hyuck; YANG, Young-Jae; YOU, Ji-Na; KIM, Yong Zu; LEE, Chang Sun; CHAE, Jeiwook; JUNG, Jinwon; KIM, Juhee; LEE, Bora; SONG, Daehae; SUNG, Byungje; YEOM, Donghoon; EOM, Jaehyun; HONG, Youngeun; AHN, Jinhjung; LEE, Yangsoon; PARK, Kyungjin; YOO, Jiseon; PARK, Minji
 (74) Pearce IP Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2024205648
 (21) 2024205648 (22) 09.08.2024
 (54) CONTINUOUS DELIVERY
 (51) Int. Cl.
 G06Q 10/06 (2023.01)
 (43) 29.08.2024
 (62) 2022204845
 (72) CARTWRIGHT, Henry Frederick; DASHTI, Marzieh; GRADOVICH, Daniel; HUBBARD, David E.; MAMMAS, Konstantinos; MEACHAIR, Shane O.; MEJIAS, Carlos Miguel
 (74) FB Rice Pty Ltd

(71) Acer Incorporated
 (11) AU-A-2024200712
 (21) 2024200712 (22) 06.02.2024
 (54) UPLINK TRANSMISSION AND UPLINK RECEPTION WITH MULTIPLE PANELS RELATED METHODS AND USER EQUIPMENT
 (51) Int. Cl.
 H04B 7/08 (2006.01)
 H04L 5/00 (2006.01)
 H04W 52/54 (2009.01)
 H04W 72/04 (2023.01)
 (31) 63/444,571 (32) 10.02.23 (33) US
 18/430,650 02.02.24 US
 (43) 29.08.2024
 (72) LO, Li-Chung; LEE, Chien-Min; CHEN, Jen-Hsien
 (74) Collison & Co

(71) Adobe Inc.
 (11) AU-A-2023274240
 (21) 2023274240 (22) 04.12.2023
 (54) GENERATIVE AI INFERRED PROMPT OUTPAINTING
 (51) Int. Cl.
 G06T 3/40 (2006.01)
 G06N 3/02 (2006.01)
 G06N 3/0464 (2023.01)
 G06N 20/00 (2019.01)
 G06T 5/00 (2006.01)
 G06T 7/174 (2017.01)
 G06T 11/60 (2006.01)
 (31) 18/167,324 (32) 10.02.23 (33) US
 (43) 29.08.2024
 (72) Cragg, Michael; Wright, Edward; Brown, Davis; Jefferson, Dana; Kuefer, Andreas
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2023282192
 (21) 2023282192 (22) 12.12.2023
 (54) GENERATING VIRTUAL OBJECTS FROM EMBEDDED CODE
 (51) Int. Cl.
 G06T 19/00 (2011.01)
 G06K 19/06 (2006.01)
 G06T 17/00 (2006.01)
 (31) 18/109,517 (32) 14.02.23 (33) US
 (43) 29.08.2024
 (72) Siu, Alexa Fay; Sun, Tong; Dogan, Mustafa Doga; Healey, Jennifer; Wigington, Curtis
 (74) RnB IP Pty Ltd

(71) Advanced Lithium Electrochemistry Co., Ltd.
 (11) AU-A-2023203287
 (21) 2023203287 (22) 25.05.2023

(54) High-voltage composite positive electrode material and manufacturing method thereof
 (51) Int. Cl.
 H01M 4/50 (2010.01)
 H01M 4/131 (2010.01)
 H01M 4/40 (2006.01)
 (31) 112105075 (32) 14.02.23 (33) TW
 (43) 29.08.2024
 (72) HE, Ding-De; HSIEH, Han-Wei
 (74) Spruson & Ferguson

Alawi, O. see Mallah, A.R.
 (21) 2023200837

(71) Alcon, Inc.; The Regents of the University of Colorado, a body corporate
 (11) AU-A-2024205627
 (21) 2024205627 (22) 09.08.2024
 (54) Modular intraocular lens designs, devices and methods
 (51) Int. Cl.
 A61F 2/16 (2006.01)
 (43) 29.08.2024
 (62) 2022202596
 (72) KAHOOK, Malik Y; SUSSMAN, Glenn; MCLEAN, Paul; SCHIEBER, Andrew
 (74) FB Rice Pty Ltd

(71) Alcon Inc.
 (11) AU-A-2024205707
 (21) 2024205707 (22) 13.08.2024
 (54) FOOT CONTROLLED CURSOR
 (51) Int. Cl.
 G06F 3/01 (2006.01)
 A61B 90/00 (2016.01)
 G06F 3/03 (2006.01)
 G06F 3/033 (2013.01)
 (43) 29.08.2024
 (62) 2019270597
 (72) Rapoport, Tobias Jura
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Allergan, Inc.
 (11) AU-A-2024205640
 (21) 2024205640 (22) 09.08.2024
 (54) Methods of treatment of ocular conditions with a sustained drug delivery implant
 (51) Int. Cl.
 A61K 31/573 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/10 (2006.01)
 A61P 27/02 (2006.01)
 (43) 29.08.2024
 (62) 2022204607
 (72) Shiah, Jane-Guo; Bhagat, Rahul; Blanda, Wendy M.; Nivaggioli, Thierry;

Applications Open to Public Inspection - Name Index cont'd

Peng, Lin; Chou, David; Weber, David A.
(74) Davies Collison Cave Pty Ltd

(71) Ambrx, Inc.
(11) AU-A-2024205610
(21) 2024205610 **(22)** 08.08.2024
(54) Compositions containing, methods and uses of antibody-TLR agonist conjugates
(51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C07D 471/04 (2006.01)
(43) 29.08.2024
(62) 2020223031
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(74) FB Rice Pty Ltd

(71) American Gene Technologies International Inc.
(11) AU-A-2024204743
(21) 2024204743 **(22)** 10.07.2024
(54) HIV pre-immunization and immunotherapy
(51) Int. Cl.
A61K 39/12 (2006.01)
A61K 35/12 (2015.01)
A61K 35/17 (2015.01)
A61P 31/18 (2006.01)
C07H 21/02 (2006.01)
C12N 15/85 (2006.01)
C12N 15/86 (2006.01)
(43) 29.08.2024
(62) 2021200210
(72) PAUZA, Charles David; LI, Haishan; LAHUSEN, Tyler
(74) Davies Collison Cave Pty Ltd

(71) Anchor Ring Solutions, LLC
(11) AU-A-2024205658
(21) 2024205658 **(22)** 09.08.2024
(54) Systems and methodology for construction management and equipment positioning via building information modeling
(51) Int. Cl.
G06F 30/13 (2020.01)
E04B 1/41 (2006.01)
G06Q 10/06 (2023.01)
G06Q 50/08 (2012.01)
H04B 5/00 (2006.01)
(43) 29.08.2024
(62) 2019376170
(72) FUGALLO III, Joseph A.; MARRA, John P.; WALSH, James R.; FUGALLO IV, Joseph
(74) Spruson & Ferguson

(71) Anderson, M.D., C.
(11) AU-A-2024205616
(21) 2024205616 **(22)** 08.08.2024

(54) SUTURE BUTTON CONSTRUCT FOR SURGICAL PROCEDURES
(51) Int. Cl.
A61B 17/04 (2006.01)
(43) 29.08.2024
(62) 2018297182
(72) ANDERSON, M.D.
(74) AJ PARK

(71) Angel Group Co., Ltd.
(11) AU-A-2024205709
(21) 2024205709 **(22)** 13.08.2024
(54) Game management system
(51) Int. Cl.
A63F 1/18 (2006.01)
A63F 9/24 (2006.01)
(43) 29.08.2024
(62) 2022224730
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) ANTSY LABS, LLC
(11) AU-A-2024205624
(21) 2024205624 **(22)** 09.08.2024
(54) HANDHELD TOUCH OBJECT
(51) Int. Cl.
A63H 33/00 (2006.01)
(43) 29.08.2024
(62) 2022246425
(72) MCLACHLAN, Matthew; MCLACHLAN, Mark
(74) AJ PARK

(71) Apple Inc.
(11) AU-A-2024205611
(21) 2024205611 **(22)** 08.08.2024
(54) Providing a remote keyboard service
(51) Int. Cl.
G06F 3/0488 (2022.01)
H04M 1/725 (2021.01)
H04N 21/41 (2011.01)
H04W 4/00 (2018.01)
G06F 3/0489 (2022.01)
G06F 9/44 (2018.01)
G06Q 30/00 (2023.01)
H04W 12/06 (2021.01)
H04W 12/08 (2021.01)
(43) 29.08.2024
(62) 2023203215
(72) Sanciangco, Alexander D.; Bradley, Bob; Krochmal, Marc J.; Clarke, Graham
(74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024205620
(21) 2024205620 **(22)** 08.08.2024
(54) A GAMING SYSTEM AND METHOD OF GAMING
(51) Int. Cl.
G07F 17/34 (2006.01)
(43) 29.08.2024
(62) 2022203919
(72) NGUYEN, Hung Ngoc
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
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(21) 2024205690 **(22)** 12.08.2024
(54) SYSTEMS AND METHODS OF ELECTRONIC GAMING
(51) Int. Cl.
A63F 9/00 (2006.01)
(43) 29.08.2024
(62) 2022204931
(72) HAWKINS, Ryan; HONEYCUTT, Robert; JOHNS, Stephanie
(74) Griffith Hack

(71) ASSOCIATION INSTITUT DE MYOLOGIE; INSERM Institut National de la Santé et de la Recherche Médicale; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; Genethon; Sorbonne Université
(11) AU-A-2024205629
(21) 2024205629 **(22)** 09.08.2024
(54) ACID-ALPHA GLUCOSIDASE VARIANTS AND USES THEREOF
(51) Int. Cl.
C07K 16/44 (2006.01)
(43) 29.08.2024
(62) 2017322377
(72) Mingozzi, Federico; Ronzitti, Giuseppe; Colella, Pasqualina; Puzzo, Francesco
(74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company
(11) AU-A-2024205674
(21) 2024205674 **(22)** 12.08.2024
(54) Automated diagnostic analyzer and method for its operation
(51) Int. Cl.
G01N 35/00 (2006.01)
G01N 35/04 (2006.01)
(43) 29.08.2024
(62) 2022256123
(72) VANSICKLER, Michael T.; SELF, Brian Austin; SHEDLOSKEY, Alyssa; KRAYER, Joel Daniel
(74) FB Rice Pty Ltd

(71) BGC Partners, Inc.
(11) AU-A-2024205676
(21) 2024205676 **(22)** 12.08.2024
(54) SYSTEMS AND METHODS FOR MAINTAINING ANONYMITY IN A GAMING OR OTHER ENVIRONMENT
(51) Int. Cl.
H04M 3/42 (2006.01)
G06Q 30/00 (2023.01)
G06Q 40/00 (2023.01)
(43) 29.08.2024
(62) 2022204756
(72) Papageorgiou, Antonio; Capuano, John
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Biosceptre (Aust) Pty Ltd
(11) AU-A-2024205598
(21) 2024205598 **(22)** 07.08.2024

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 (51) Int. Cl.
C12N 15/62 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
C12N 5/0781 (2010.01)
C12N 5/0783 (2010.01)
 (43) 29.08.2024
 (62) 2022201263
 (72) COOMBS, Justin Taylor; BARRY, Simon Charles; SADLON, Timothy John
 (74) FPA Patent Attorneys Pty Ltd

(71) Blackhawk Network, Inc.
 (11) AU-A-2024205633
 (21) 2024205633 (22) 09.08.2024
 (54) A system for processing, activating and redeeming value added prepaid cards
 (51) Int. Cl.
G06Q 20/28 (2012.01)
G06Q 20/34 (2012.01)
G06Q 30/02 (2023.01)
 (43) 29.08.2024
 (62) 2022218497
 (72) LLACH, Teri
 (74) Davies Collison Cave Pty Ltd

(71) BlueScope Steel Limited
 (11) AU-A-2024205689
 (21) 2024205689 (22) 12.08.2024
 (54) PANEL
 (51) Int. Cl.
E04C 2/32 (2006.01)
B32B 7/04 (2019.01)
E04B 2/88 (2006.01)
E04D 3/30 (2006.01)
E04D 3/35 (2006.01)
E04D 3/36 (2006.01)
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 (74) WRAYS PTY LTD

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 (21) 2024205686 (22) 12.08.2024
 (54) Methods and apparatus for conditioning cell populations for cell therapies
 (51) Int. Cl.
C12M 3/00 (2006.01)
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 (62) 2022203657
 (72) Cox, Charles S.; Gill, Brijesh S.; Aroom, Kevin; Wenzel, Pamela
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Bonafide Health, LLC
 (11) AU-A-2024205708
 (21) 2024205708 (22) 13.08.2024
 (54) Maca compositions and methods of use
 (51) Int. Cl.

A61K 35/00 (2006.01)
A61K 31/00 (2006.01)
 (43) 29.08.2024
 (62) 2017347805
 (72) Komorowski, James R.; Ojalvo, Sara Perez
 (74) Spruson & Ferguson

(71) Boston Scientific Neuromodulation Corporation
 (11) AU-A-2024205256
 (21) 2024205256 (22) 31.07.2024
 (54) Paresthesia-free spinal cord stimulation system
 (51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
 (43) 29.08.2024
 (62) 2022204638
 (72) DOAN, Que T.; GU, Jianwen; HUERTAS FERNANDEZ, Ismael; ESTELLER, Rosana; MOFFITT, Michael A.
 (74) Spruson & Ferguson

(71) BRISTOL-MYERS SQUIBB COMPANY
 (11) AU-A-2024203938
 (21) 2024203938 (22) 11.06.2024
 (54) CANCER IMMUNOTHERAPY BY DISRUPTING PD-1/PD-L1 SIGNALING
 (51) Int. Cl.
C07K 16/28 (2006.01)
 (43) 29.08.2024
 (62) 2020289725
 (72) COGSWELL, John P.; GOLDBERG, Stacie P.; GUPTA, Ashok K.; JUREKUNDEL, Maria; WANG, Xi Tao; WIGGINTON, Jon M.
 (74) AJ PARK

BROUWERS, A.L. see BROUWERS, R.
 (21) 2024205711

(71) BROUWERS, R.; BROUWERS, A.L.
 (11) AU-A-2024205711
 (21) 2024205711 (22) 13.08.2024
 (54) PORTABLE WIND RESISTANT SHADE STRUCTURE
 (51) Int. Cl.
E04H 15/32 (2006.01)
E04H 15/44 (2006.01)
E04H 15/54 (2006.01)
E04H 15/64 (2006.01)
 (43) 29.08.2024
 (62) 2022206698
 (72) BROUWERS, Andrea Lynn; BROUWERS, Robert
 (74) Griffith Hack

(71) Brown, B.
 (11) AU-A-2024205639
 (21) 2024205639 (22) 09.08.2024
 (54) A MECHANISM FOR ONLINE LOTTERY SYSTEMS AND A METHOD FOR IMPLEMENTATION
 (51) Int. Cl.

A63F 3/06 (2006.01)
G07F 17/32 (2006.01)
 (43) 29.08.2024
 (62) 2018338646
 (72) BROWN, Benjamin
 (74) Alder IP Pty Ltd

(71) Bruce Keys; Cameron Waddell
 (11) AU-A-2024200952
 (21) 2024200952 (22) 14.02.2024
 (54) Odour control system
 (51) Int. Cl.
F24F 8/50 (2021.01)
A61L 9/14 (2006.01)
F24F 6/12 (2006.01)
F24F 13/22 (2006.01)
F24F 6/00 (2006.01)
 (31) 2023900350 (32) 14.02.23 (33) AU
 (43) 29.08.2024
 (72) KEYS, Bruce; WADDELL, Cameron
 (74) FB Rice Pty Ltd

(71) Bucceri, A.; Bucceri Holdings Pty Ltd
 (11) AU-A-2024200564
 (21) 2024200564 (22) 30.01.2024
 (54) Remote Multi Functional snow making machine
 (51) Int. Cl.
F25C 3/04 (2006.01)
 (31) 2023900367 (32) 15.02.23 (33) AU
 (43) 29.08.2024
 (72) Bucceri, Alf
 (74) Alf Bucceri

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 (21) 2024200564

(71) Caesarstone Ltd.
 (11) AU-A-2024205613
 (21) 2024205613 (22) 08.08.2024
 (54) COMPOSITIONS COMPRISING AN ACRYLIC POLYMER AND PROCESSES OF PREPARING THE SAME
 (51) Int. Cl.
C04B 26/06 (2006.01)
B29C 67/24 (2006.01)
B44F 9/04 (2006.01)
C04B 14/02 (2006.01)
C04B 14/06 (2006.01)
C04B 14/10 (2006.01)
C04B 14/28 (2006.01)
C08K 3/00 (2018.01)
 (43) 29.08.2024
 (62) 2018362027
 (72) MARGALIT, Erez; GORELIK, Boris; GOLAN, Alon; RON, Yaacov; WINER, Ido
 (74) Collison & Co

Cameron Waddell see Bruce Keys
 (21) 2024200952

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- (71) China Medical University
 (11) AU-A-2024200757
 (21) 2024200757 (22) 07.02.2024
 (54) SOLUTION FOR PRESERVING EXTRACELLULAR VESICLES/EXOSOMES, METHOD FOR PRESERVING THE SAME, AND MIXED SOLUTION THEREOF
 (51) Int. Cl.
A01N 1/02 (2006.01)
A61K 35/12 (2015.01)
C12N 5/00 (2006.01)
 (31) 63/484,232 (32) 10.02.23 (33) US
 (43) 29.08.2024
 (72) CHEN, Yi-Wen; SHIE, Ming-You; CHEN, Yen; CHO, Der-Yang; CHIU, Shao-Chih; LIN, Yen-Hong; KAN, Kai-Wen
 (74) ALDRICH PROJECTS PTY LTD
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- (71) Chongqing Changan Automobile Co., Ltd.
 (11) AU-A-2023285767
 (21) 2023285767 (22) 20.12.2023
 (54) Lane line clustering method and system for crowdsourced map and storage medium
 (51) Int. Cl.
G06V 20/58 (2022.01)
G06F 18/23 (2023.01)
G06T 7/70 (2017.01)
 (31) 2023101070975 (32) 13.02.23 (33) CN
 (43) 29.08.2024
 (72) Shi, Zuoqin
 (74) Davies Collison Cave Pty Ltd
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- (71) Contego Spa Designs, Inc.
 (11) AU-A-2024205718
 (21) 2024205718 (22) 13.08.2024
 (54) DISPOSABLE LINER FOR A FOOT SPA WITH INNER AND OUTER LAYERS AND RELATED METHOD
 (51) Int. Cl.
A47K 3/022 (2006.01)
A61H 9/00 (2006.01)
A61H 35/00 (2006.01)
 (43) 29.08.2024
 (62) 2017203752
 (72) TA, Jeff; TA, Lan Van
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Crown Equipment Corporation
 (11) AU-A-2023200846
 (21) 2023200846 (22) 15.02.2023
 (54) SENSOR CALIBRATION TOOL
 (51) Int. Cl.
G01B 11/27 (2006.01)
G01B 11/02 (2006.01)
G01S 17/00 (2020.01)
G05D 1/00 (2006.01)
 (31) 18/167,137 (32) 10.02.23 (33) US
 (43) 29.08.2024
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 (74) BOSH IP Pty Ltd
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- (71) CROWN EQUIPMENT CORPORATION
 (11) AU-A-2024205722
 (21) 2024205722 (22) 13.08.2024
 (54) Electrically operated steering system for a vehicle
 (51) Int. Cl.
B66F 9/075 (2006.01)
B62D 5/04 (2006.01)
 (43) 29.08.2024
 (62) 2022202926
 (72) TRAUTNER, Florian; HARTINGER, Dominik; HANNEMANN, Stefan
 (74) Griffith Hack
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- (71) Deere & Company
 (11) AU-A-2024200103
 (21) 2024200103 (22) 08.01.2024
 (54) Selective capture of work machine productivity factors based on work state estimation
 (51) Int. Cl.
G07C 5/02 (2006.01)
E02F 3/84 (2006.01)
G01G 19/08 (2006.01)
G06Q 10/063 (2023.01)
G07C 5/08 (2006.01)
 (31) 18/167,329 (32) 10.02.23 (33) US
 (43) 29.08.2024
 (72) Echaves, Samantha F.
 (74) Davies Collison Cave Pty Ltd
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- (71) Deere & Company
 (11) AU-A-2024205645
 (21) 2024205645 (22) 09.08.2024
 (54) Work machine with automatic pitch control of implement
 (51) Int. Cl.
E02F 3/84 (2006.01)
E02F 3/76 (2006.01)
E02F 9/20 (2006.01)
 (43) 29.08.2024
 (62) 2021218108
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 (74) Davies Collison Cave Pty Ltd
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- (71) Dermatology Hospital, Southern Medical University (Guangdong Provincial Dermatology Hospital, Guangdong Provincial Center for STI & Skin Diseases Control and Prevention, Research Center for Leprosy Control and Prevention, China)
 (11) AU-A-2023201750
 (21) 2023201750 (22) 21.03.2023
 (54) FUSION PROTEIN FOR DETECTING NEUROSYPHILIS AND KIT THEREOF
 (51) Int. Cl.
G01N 33/571 (2006.01)
C07K 14/20 (2006.01)
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- C12N 9/06** (2006.01)
C12Q 1/689 (2018.01)
G01N 33/533 (2006.01)
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 (74) Madderns Pty Ltd
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- (71) Detection USA Inc.
 (11) AU-A-2024205671
 (21) 2024205671 (22) 12.08.2024
 (54) Dynamic Compressor Controls
 (51) Int. Cl.
F04B 49/06 (2006.01)
F04B 49/02 (2006.01)
F04D 27/00 (2006.01)
 (43) 29.08.2024
 (62) 2020203214
 (72) Cowan, Adrian
 (74) CreatelP
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- (71) Dexcom, Inc.
 (11) AU-A-2024205635
 (21) 2024205635 (22) 09.08.2024
 (54) Intelligent wireless communications for continuous analyte monitoring
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/05 (2021.01)
A61B 5/145 (2006.01)
A61B 5/15 (2006.01)
G01N 27/26 (2006.01)
G01N 27/416 (2006.01)
G01N 33/48 (2006.01)
G01N 33/50 (2006.01)
G01N 33/66 (2006.01)
 (43) 29.08.2024
 (62) 2022206743
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 (74) FB Rice Pty Ltd
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- (71) Dexcom, Inc.
 (11) AU-A-2024205637
 (21) 2024205637 (22) 09.08.2024
 (54) System and method for data analytics and visualization
 (51) Int. Cl.
G16H 15/00 (2018.01)
 (43) 29.08.2024
 (62) 2023202235
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 (74) FB Rice Pty Ltd

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 (11) AU-A-2024200902
 (21) 2024200902 (22) 13.02.2024
 (54) A child vehicle seat as well as a base suitable for such a child vehicle seat
 (51) Int. Cl.
B60N 2/28 (2006.01)
 (31) 23156275.2 (32) 13.02.23 (33) EP
 (43) 29.08.2024
 (72) Toonders, Sander Gerardus; Hendrikus van Montfort, Donald
 (74) FPA Patent Attorneys Pty Ltd

(71) Dormakaba Canada Inc.
 (11) AU-A-2023237027
 (21) 2023237027 (22) 25.09.2023
 (54) Electronic lock system and associated method of operation
 (51) Int. Cl.
G07C 9/33 (2020.01)
G06F 21/60 (2013.01)
G07C 9/10 (2020.01)
H04L 9/32 (2006.01)
 (31) 18/169,479 (32) 15.02.23 (33) US
 (43) 29.08.2024
 (72) BROWNE, Samuel; SIMOHAND, Jean-Marc
 (74) Griffith Hack

(71) Drying Solutions Limited
 (11) AU-A-2024200873
 (21) 2024200873 (22) 12.02.2024
 (54) WASTE HEAT RECOVERY SYSTEMS
 (51) Int. Cl.
F26B 23/00 (2006.01)
F26B 21/02 (2006.01)
F26B 21/08 (2006.01)
F26B 21/10 (2006.01)
A23N 12/08 (2006.01)
 (31) 795547 (32) 12.02.23 (33) NZ
 (43) 29.08.2024
 (72) Barnes, Robert
 (74) James & Wells Intellectual Property

(71) Ecolab USA Inc.
 (11) AU-A-2024205673
 (21) 2024205673 (22) 12.08.2024
 (54) Biocidal compositions with hydronium ion sources for biofilm control
 (51) Int. Cl.
A01N 59/02 (2006.01)
A01N 33/12 (2006.01)
A01N 37/16 (2006.01)
A01N 41/04 (2006.01)
A01P 1/00 (2006.01)
 (43) 29.08.2024
 (62) 2021279078
 (72) LI, Junzhong; LUEDTKE, Joshua; HINES, Jesse David; KOEHL, John Paul; STAUB, Richard
 (74) Spruson & Ferguson

(71) Eli Lilly and Company
 (11) AU-A-2024205661
 (21) 2024205661 (22) 09.08.2024

(54) Protein tyrosine-tyrosine analogs and methods of using the same
 (51) Int. Cl.
C07K 14/575 (2006.01)
A61K 38/17 (2006.01)
A61K 47/54 (2017.01)
 (43) 29.08.2024
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(71) Embody, Inc.
 (11) AU-A-2024200575
 (21) 2024200575 (22) 31.01.2024
 (54) BRAIDED SURGICAL IMPLANTS
 (51) Int. Cl.
A61L 17/08 (2006.01)
A61B 17/04 (2006.01)
A61L 17/10 (2006.01)
A61L 17/14 (2006.01)
A61L 27/16 (2006.01)
A61L 27/24 (2006.01)
C08L 23/06 (2006.01)
 (31) 18/167,051 (32) 09.02.23 (33) US
 (43) 29.08.2024
 (72) Brown, Robert S.; Harclerode, Caitlin; Sori, Nardos; Francis, Michael P.; Thayer, Nicholas
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Equals 3 LLC
 (11) AU-A-2024205746
 (21) 2024205746 (22) 14.08.2024
 (54) SEARCHING STRUCTURED AND UNSTRUCTURED DATA SETS
 (51) Int. Cl.
G06N 5/00 (2023.01)
 (43) 29.08.2024
 (62) 2022206760
 (72) Dispensa, Marcello; Litman, Scott; Mallin, Dan; Chambers, Allen
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) F. Hoffmann-La Roche AG
 (11) AU-A-2024204243
 (21) 2024204243 (22) 21.06.2024
 (54) Multispecific antibodies
 (51) Int. Cl.
C07K 16/28 (2006.01)
C07K 16/22 (2006.01)
C07K 16/24 (2006.01)
 (43) 29.08.2024
 (62) 2020273356
 (72) SCHAEFER, Wolfgang; KLEIN, Christian; IMHOF-JUNG, Sabine; KLOSTERMANN, Stefan; MOLHOJ, Michael; REGULA, Joerg Thomas
 (74) Griffith Hack

(71) Fasteners for Retail, Inc.
 (11) AU-A-2024200547
 (21) 2024200547 (22) 30.01.2024
 (54) Security Tag Housing
 (51) Int. Cl.
E05B 73/00 (2006.01)

G08B 13/12 (2006.01)
G08B 13/24 (2006.01)
 (31) 63/484,673 (32) 13.02.23 (33) US
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 (74) Baxter Patent Attorneys Pty Ltd

(71) FEI Company
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 (54) Automated peak and baseline generation for chromatogram data
 (51) Int. Cl.
G01N 30/86 (2006.01)
G01S 7/18 (2006.01)
G06N 3/02 (2006.01)
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 (72) LACOUT, Fabrice; SAUTER, Peter
 (74) Spruson & Ferguson

(71) FG Innovation Company Limited; Sharp Kabushiki Kaisha
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 (54) Systems and methods for deriving a motion vector prediction in video coding
 (51) Int. Cl.
H04N 19/426 (2014.01)
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 (62) 2019381454
 (72) MISRA, Kiran Mukesh; BOSSEN, Frank; SEGALL, Christopher Andrew
 (74) Davies Collison Cave Pty Ltd

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2024205547
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 (54) MEDICAL TUBES AND METHODS OF MANUFACTURE
 (51) Int. Cl.
A61M 39/00 (2006.01)
A61M 16/00 (2006.01)
 (43) 29.08.2024
 (62) 2022218488
 (72) North, Charles Christopher; Stoks, Elmo Benson
 (74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
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 (21) 2024205704 (22) 13.08.2024
 (54) NASAL SEAL, MASK AND RESPIRATORY INTERFACE ASSEMBLY
 (51) Int. Cl.
A61M 16/06 (2006.01)
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(51) Int. Cl.
 A61M 16/08 (2006.01)
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(43) 29.08.2024
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 (72) MEECH, Julio Derek
 (74) AJ PARK

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 (54) COMPONENTS FOR MEDICAL CIRCUITS

(51) Int. Cl.
 A61M 13/00 (2006.01)
 A61M 16/00 (2006.01)
 A61M 39/00 (2006.01)
 A62B 7/00 (2006.01)
 B32B 3/26 (2006.01)
 B32B 3/28 (2006.01)
 B32B 3/30 (2006.01)
 B32B 5/18 (2006.01)
 B32B 5/22 (2006.01)
 B32B 27/00 (2006.01)

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(71) Forty Seven, Inc.
 (11) AU-A-2024205621
 (21) 2024205621 (22) 08.08.2024
 (54) Humanized antibodies against c-Kit

(51) Int. Cl.
 A61K 39/395 (2006.01)
 C07K 16/18 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/30 (2006.01)
 C07K 16/40 (2006.01)

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 (72) LIU, Jie; SOMPALLI, Kavitha
 (74) FPA Patent Attorneys Pty Ltd

(71) Frank's International, LLC
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 (21) 2024200804 (22) 08.02.2024
 (54) Remote Control Line Clamp Installation System

(51) Int. Cl.
 E21B 17/02 (2006.01)
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 (31) 18/430,930 (32) 02.02.24 (33) US
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 (72) BROWN, Dougal; DUPUIS, Paul
 (74) WRAYS PTY LTD

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 (21) 2024200805 (22) 08.02.2024
 (54) Control Line Clamp Installation System
 (51) Int. Cl.
 E21B 17/02 (2006.01)
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(31) 18/167,298 (32) 10.02.23 (33) US
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 (74) WRAYS PTY LTD

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 (11) AU-A-2024200536
 (21) 2024200536 (22) 30.01.2024
 (54) HYBRID MODULAR MULTI-LEVEL CONVERTER (HMMC) AND MODULAR MULTI-LEVEL CONVERTER (MMC)
 (51) Int. Cl.
 H02M 7/48 (2007.01)
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 (72) Zhou, Zhi
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 (21) 2024200569 (22) 31.01.2024
 (54) POWER CONVERTER
 (51) Int. Cl.
 H02M 7/04 (2006.01)
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 (21) 2024205649 (22) 09.08.2024
 (54) Medical system for diagnosing cognitive disease pathology and/or outcome
 (51) Int. Cl.
 G16H 50/20 (2018.01)
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 G16H 50/70 (2018.01)

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 (21) 2024205629

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 (54) Systems and methods for prevention of manipulation and gaming in electronic intraday auctions
 (51) Int. Cl.
 G06Q 40/00 (2023.01)

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 (62) 2022206742
 (72) BRENNAN, Paul M.; BROUSSIN, Charles
 (74) FB Rice Pty Ltd

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 (54) SOIL STABILISER
 (51) Int. Cl.
 C09K 17/50 (2006.01)
 E01C 3/04 (2006.01)
 E01C 21/00 (2006.01)

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 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Handa Pharmaceuticals, Inc.
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 (21) 2024205682 (22) 12.08.2024
 (54) Kinase Inhibitor Salts and Compositions thereof
 (51) Int. Cl.
 A61K 31/505 (2006.01)
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 A61K 31/167 (2006.01)
 A61P 35/00 (2006.01)

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 (74) Michael Buck IP

(71) Hardcastle, P.
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 (54) LOOPED CENTRIFUGAL ADSORPTION HEAT PUMP
 (51) Int. Cl.
 F25B 15/00 (2006.01)
 F25B 37/00 (2006.01)
 F25B 39/02 (2006.01)
 F25B 43/04 (2006.01)
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 (51) Int. Cl.
G06V 10/762 (2022.01)
A61H 39/00 (2006.01)
G06T 7/00 (2017.01)
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A61M 39/02 (2006.01)
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 (54) STORAGE APPLIANCE FOR CONTROLLER PLATFORMS
 (51) Int. Cl.
H04L 67/1097 (2022.01)
G06F 8/60 (2018.01)
H04L 67/10 (2022.01)
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 (31) 18/108196 (32) 10.02.23 (33) US
 (43) 29.08.2024
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2024205655 (22) 09.08.2024
 (54) Improved twist resistant roof structure
 (51) Int. Cl.
E04D 13/16 (2006.01)
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E04G 21/32 (2006.01)
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 (54) ELECTRIC OVER HYDRAULIC BRAKING SYSTEM
 (51) Int. Cl.
B60D 1/24 (2006.01)
B60D 1/62 (2006.01)

B60T 7/20 (2006.01)
B60T 8/17 (2006.01)
B60T 8/32 (2006.01)
B62D 63/08 (2006.01)
B60D 1/30 (2006.01)
B60D 1/48 (2006.01)
B60T 8/24 (2006.01)
B60T 11/10 (2006.01)
 (31) 2023900319 (32) 09.02.23 (33) AU
 (43) 29.08.2024
 (72) Hynd, Dale
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(71) IGT
 (11) AU-A-2024205743
 (21) 2024205743 (22) 14.08.2024
 (54) SYSTEM AND METHOD FOR UTILIZING VIRTUAL TICKET VOUCHERS
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
 (43) 29.08.2024
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 (72) Petersen, Erik; Higgins, Kevin; Marcu, Adrian
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) IHI Corporation
 (11) AU-A-2024200739
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 (51) Int. Cl.
G06Q 30/0283 (2023.01)
G06Q 10/0631 (2023.01)
G06Q 50/06 (2012.01)
H02J 4/00 (2006.01)
 (31) 2023-021680 (32) 15.02.23 (33) JP
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 (72) KONISHI, Misako; INAMURA, Akinobu
 (74) FPA Patent Attorneys Pty Ltd

(71) IMPULSE DOWNHOLE SOLUTIONS LTD.
 (11) AU-A-2024205618
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 (54) LATERAL DRILLING METHOD
 (51) Int. Cl.
E21B 7/04 (2006.01)
E21B 17/10 (2006.01)
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 (62) 2022201161
 (72) KINSELLA, Doug; LEROUX, Kevin; LORENSON, Troy; PARENTEAU, Dwayne
 (74) Collison & Co

(71) Incitec Fertilisers Operations Pty Ltd
 (11) AU-A-2024200928
 (21) 2024200928 (22) 14.02.2024
 (54) An Inhibitor for use in agriculture
 (51) Int. Cl.
C05G 3/90 (2020.01)
C05C 9/00 (2006.01)
C05G 5/30 (2020.01)
 (31) 2023900365 (32) 15.02.23 (33) AU

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 (72) Hughes, Timothy; Khalil, Roya
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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 (21) 2024205629

(71) INSPUR GENERSOFT CO., LTD.
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 (21) 2023387760 (22) 14.07.2023
 (54) Group Control Device Health Monitoring Method, Device, and Medium Based on Clustering Algorithm
 (51) Int. Cl.
G06F 18/23 (2023.01)
G05B 23/02 (2006.01)
G06F 11/30 (2006.01)
 (31) 202310102386.6 (32) 13.02.23 (33) CN
 (43) 29.08.2024
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 (74) LAMINAR IP PTY LTD

(71) IRP Health Pty Ltd
 (11) AU-A-2024205604
 (21) 2024205604 (22) 08.08.2024
 (54) Nitroimidazole Formulations
 (51) Int. Cl.
A61K 31/4375 (2006.01)
A23K 20/121 (2016.01)
A23K 20/137 (2016.01)
A23K 20/195 (2016.01)
A23K 50/30 (2016.01)
A61K 31/4164 (2006.01)
A61P 31/04 (2006.01)
 (43) 29.08.2024
 (62) 2019277198
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 (74) FB Rice Pty Ltd

(71) Jerez Group Pty Ltd
 (11) AU-A-2023200648
 (21) 2023200648 (22) 07.02.2023
 (54) Stackable Pots for Stairs
 (51) Int. Cl.
A01G 9/02 (2018.01)
A47G 7/00 (2006.01)
E04F 11/00 (2006.01)
 (43) 29.08.2024
 (72) Jerez, Christophe
 (74) Jerez Group Pty Ltd

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 (21) 2023202322

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(71) Komatsu Ltd.

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(21) 2024205653 (22) 09.08.2024

(54) Control system of unmanned vehicle, unmanned vehicle, and method of controlling unmanned vehicle

(51) Int. Cl.

G05D 1/43 (2024.01)

B60W 30/00 (2006.01)

B60W 30/18 (2012.01)

B60W 60/00 (2020.01)

G08G 1/00 (2006.01)

G08G 1/09 (2006.01)

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(72) KADONO, Yosuke; MAEDA, Misato

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(71) Komatsu Ltd.

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(21) 2024205720 (22) 13.08.2024

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(51) Int. Cl.

B60W 60/00 (2020.01)

B60W 30/14 (2006.01)

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(72) SASAKI, Shun

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(71) Labanie, F.

(11) AU-A-2024205615

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(54) Photovoltaic Electricity Generation Apparatus

(51) Int. Cl.

H02S 10/30 (2014.01)

B60L 8/00 (2006.01)

H02J 1/08 (2006.01)

H02J 1/10 (2006.01)

H02J 1/16 (2006.01)

H02K 47/14 (2006.01)

H02K 53/00 (2006.01)

H02M 7/54 (2006.01)

H02S 40/22 (2014.01)

H02S 40/42 (2014.01)

(43) 29.08.2024

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(71) LAKEM TECHNOLOGIES PTY LTD

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(21) 2024200855 (22) 09.02.2024

(54) Handler object for workflow management system

(51) Int. Cl.

G06Q 10/0633 (2023.01)

G06Q 10/06 (2023.01)

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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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(71) Lightning Source LLC

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(21) 2024200910 (22) 13.02.2024

(54) Book cover embossing system and method

(51) Int. Cl.

B42C 7/00 (2006.01)

B42D 3/08 (2006.01)

(31) 18/109,343

(32) 14.02.23 (33) US

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(74) Allens Patent & Trade Mark Attorneys

(71) Likins, C.

(11) AU-A-2024205606

(21) 2024205606 (22) 08.08.2024

(54) REVOLVING CLUSTER MAILBOX AND CENTRAL PACKAGE DELIVERY SYSTEM

(51) Int. Cl.

A47G 29/12 (2006.01)

A47G 29/122 (2006.01)

A47G 29/124 (2006.01)

(43) 29.08.2024

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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Lunar Outpost Inc.

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(21) 2024200925 (22) 14.02.2024

(54) Vehicle Locking Assembly

(51) Int. Cl.

B60P 3/075 (2006.01)

(31) 63/484,976 (32) 14.02.23 (33) US

(43) 29.08.2024

(72) GEMER, Andrew J.; WAGNER, Van; JESTEADT, Bradley

(74) WRAYS PTY LTD

(71) Lynk Pharmaceuticals Co. Ltd.

(11) AU-A-2024205760

(21) 2024205760 (22) 14.08.2024

(54) Tricyclic Janus kinase 1 inhibitors, and compositions and methods thereof

(51) Int. Cl.

C07D 471/14 (2006.01)

A61K 31/437 (2006.01)

A61P 19/02 (2006.01)

A61P 35/00 (2006.01)

A61P 37/02 (2006.01)

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(51) Int. Cl.

G06F 30/27 (2020.01)

G05B 13/04 (2006.01)

G06F 17/13 (2006.01)

G06F 30/23 (2020.01)

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(74) Hussein A Mohammed

Massachusetts Institute of Technology see The Brigham and Women's Hospital, Inc.

(21) 2024205679

(71) MedImmune, LLC

(11) AU-A-2024205677

(21) 2024205677 (22) 12.08.2024

(54) DEVICE ACCESSORY FOR DIGITALLY MONITORING AUTOINJECTOR USAGE FOR IMPROVED COMPLIANCE, REMOTE PATIENT MONITORING, AND ADHERENCE

(51) Int. Cl.

A61M 5/20 (2006.01)

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(71) Mileage Plus Intellectual Property Assets, Ltd.

(11) AU-A-2024205622

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(54) MOBILE PAYMENT SYSTEM WITH REWARDS POINTS

(51) Int. Cl.

G06Q 20/28 (2012.01)

G06Q 20/32 (2012.01)

G06Q 20/34 (2012.01)

G06Q 30/02 (2023.01)

(43) 29.08.2024

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(72) Oppenheim, David; Sharma, Praveen

(74) Dark IP

(71) Modern product development Limited

(11) AU-A-2024200848

(21) 2024200848 (22) 09.02.2024

(54) Collision avoidance for vehicles

(51) Int. Cl.

G01S 13/86 (2006.01)

B60W 30/09 (2012.01)

B60W 50/14 (2020.01)

E02F 3/43 (2006.01)

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G08G 1/16 (2006.01)
B60Q 9/00 (2006.01)
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(72) Mitchell, Shaun Gordon
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(21) 2023200837

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(21) 2024205630 **(22)** 09.08.2024
(54) Liner and retaining member for use with respiratory mask
(51) Int. Cl.
A62B 7/10 (2006.01)
A62B 18/02 (2006.01)
A62B 18/04 (2006.01)
A62B 23/02 (2006.01)
(43) 29.08.2024
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(72) RUTAN, Robert M.
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(71) NetScout Systems, Inc.
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(54) Systems and methods for generating synthetic data packets
(51) Int. Cl.
H04L 43/08 (2022.01)
H04L 43/12 (2022.01)
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(74) Spruson & Ferguson

(71) NEUTRON HOLDINGS, INC.
(11) AU-A-2024200838
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(54) MULTIPLE RIDER DETECTION SYSTEM
(51) Int. Cl.
B60W 50/14 (2020.01)
B60W 40/08 (2012.01)
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B60W 50/12 (2012.01)
(31) 18/107769 **(32)** 09.02.23 **(33)** US
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(72) XU, Yusheng; ZHAO, Junjie; ZHANG, Yongjin; TANG, Dounan; CAO, Nan
(74) Dentons Patent Attorneys Australasia Limited

(71) Newhaul Pty Ltd
(11) AU-A-2023200863
(21) 2023200863 **(22)** 15.02.2023
(54) Heat Exchange System
(51) Int. Cl.

F16H 57/04 (2010.01)
F01M 1/02 (2006.01)
F01M 5/00 (2006.01)
F01M 9/06 (2006.01)
F16H 48/00 (2012.01)
F01M 11/03 (2006.01)
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(72) WISNIEWSKI, Mark Daniel; MCCUMSTIE, Troy Clifford George
(74) WRAYS PTY LTD

(71) Nexans
(11) AU-A-2024200794
(21) 2024200794 **(22)** 08.02.2024
(54) COUPLING FOR MULTI-WALLED LINES
(51) Int. Cl.
F16L 39/00 (2006.01)
F16L 51/02 (2006.01)
(31) 23305205.9 **(32)** 15.02.23 **(33)** EP
(43) 29.08.2024
(72) GÜNZEL, Gerald; EGERER, Ralf
(74) Halfords IP

(71) Norton (Waterford) Limited
(11) AU-A-2024205660
(21) 2024205660 **(22)** 09.08.2024
(54) Inhalation device with integrated electronics module
(51) Int. Cl.
A61M 15/00 (2006.01)
A61B 5/00 (2006.01)
A61M 16/00 (2006.01)
(43) 29.08.2024
(62) 2022287570
(72) YANG, Dong; MOORHOUSE, Dylan A.
(74) Spruson & Ferguson

(71) NOTARIZE, INC.
(11) AU-A-2023414160
(21) 2023414160 **(22)** 07.02.2023
(54) SYSTEMS AND METHODS FOR DYNAMICALLY PROVIDING NOTARY SESSIONS
(51) Int. Cl.
G06V 30/10 (2022.01)
G06F 40/30 (2020.01)
G06Q 10/10 (2023.01)
G06Q 50/18 (2012.01)
G06V 30/41 (2022.01)
(43) 29.08.2024
(72) FADZEYEU, Yauhen
(74) RnB IP Pty Ltd

(71) Ospedale San Raffaele S.r.l.; Fondazione Centro San Raffaele
(11) AU-A-2024203874
(21) 2024203874 **(22)** 07.06.2024
(54) TCR and peptides
(51) Int. Cl.
C07K 14/725 (2006.01)
C07K 14/47 (2006.01)
(43) 29.08.2024
(62) 2018259029
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Luca Aldo Edoardo; BONDANZA, Attilio; CICERI, Fabio
(74) FB Rice Pty Ltd

(71) Panasonic Intellectual Property Corporation of America
(11) AU-A-2024205758
(21) 2024205758 **(22)** 14.08.2024
(54) Three-dimensional data encoding method, three-dimensional data decoding method, three-dimensional data encoding device, and three-dimensional data decoding device
(51) Int. Cl.
G06T 9/00 (2006.01)
(43) 29.08.2024
(62) 2019256021
(72) WANG, Chi; LASANG, Pongsak; HAN, Chung Dean; SUGIO, Toshiyasu
(74) Griffith Hack

(71) Panosian, M.H.; Keeler, J.M.
(11) AU-A-2024205266
(21) 2024205266 **(22)** 31.07.2024
(54) Compact tape measure retraction mechanism
(51) Int. Cl.
G01B 3/1005 (2020.01)
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(62) 2022224858
(72) PANOSIAN, Michael H.; KEELER, Joshua M.
(74) Spruson & Ferguson

(71) Paradigm Fuels Pty Ltd
(11) AU-A-2023200794
(21) 2023200794 **(22)** 13.02.2023
(54) A System for Generating and Using NOX Gases in an Algae Growth System
(51) Int. Cl.
C12M 1/107 (2006.01)
A01G 33/00 (2006.01)
C01B 21/24 (2006.01)
C01B 21/36 (2006.01)
C01C 1/18 (2006.01)
C05C 1/00 (2006.01)
C12M 1/00 (2006.01)
C12P 7/649 (2022.01)
A01G 7/02 (2006.01)
B01D 53/62 (2006.01)
B01D 53/84 (2006.01)
C12M 1/02 (2006.01)
C12M 1/34 (2006.01)
C12M 3/00 (2006.01)
(43) 29.08.2024

(72) Clifford, Peter James; Clifford, Nathan James; Hack, David Joshua
(74) WRAYS PTY LTD

(71) Pfizer Inc.; The Regents of the University of California
(11) AU-A-2024205663
(21) 2024205663 **(22)** 09.08.2024
(54) LFA3 variants and compositions and uses thereof
(51) Int. Cl.
C07K 14/705 (2006.01)

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 (74) Spruson & Ferguson

(71) Pharmacyclics LLC
 (11) AU-A-2024205662
 (21) 2024205662 (22) 09.08.2024
 (54) Use of inhibitors of Bruton's tyrosine kinase (Btk)
 (51) Int. Cl.
 A61K 31/52 (2006.01)
 A61K 31/519 (2006.01)
 A61P 35/00 (2006.01)
 (43) 29.08.2024
 (62) 2021286264
 (72) BUGGY, Joseph J.; ELIAS, Laurence; FYFE, Gwen; HEDRICK, Eric; LOURY, David J.; MODY, Tarak D.
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 (11) AU-A-2024205694
 (21) 2024205694 (22) 12.08.2024
 (54) The use of inhibitors of Bruton's tyrosine kinase (Btk)
 (51) Int. Cl.
 A61K 31/519 (2006.01)
 A61K 31/505 (2006.01)
 A61P 35/00 (2006.01)
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 (11) AU-A-2024205623
 (21) 2024205623 (22) 09.08.2024
 (54) Enhancement and stabilisation of proteolytic activity of proteases
 (51) Int. Cl.
 C12N 9/96 (2006.01)
 A61K 8/66 (2006.01)
 A61P 17/02 (2006.01)
 A61P 17/10 (2006.01)
 A61Q 19/02 (2006.01)
 A61Q 19/08 (2006.01)
 (43) 29.08.2024
 (62) 2022218545
 (72) TRIGIANTE, Giuseppe
 (74) RnB IP Pty Ltd

(71) Pride Mobility Products Corporation
 (11) AU-A-2024205263
 (21) 2024205263 (22) 31.07.2024
 (54) Mobility vehicle
 (51) Int. Cl.
 A61G 5/10 (2006.01)
 A61G 5/00 (2006.01)
 A61G 5/04 (2013.01)
 A61G 5/06 (2006.01)

B60G 7/00 (2006.01)
 B60G 7/02 (2006.01)
 B60G 11/00 (2006.01)
 (43) 29.08.2024
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 (72) DAVIS, Jonathan
 (74) Spruson & Ferguson

(71) Progen Co., Ltd.
 (11) AU-A-2024205586
 (21) 2024205586 (22) 07.08.2024
 (54) NOVEL MODIFIED IMMUNO-GLOBULIN FC-FUSION PROTEIN AND USE THEREOF
 (51) Int. Cl.
 C07K 14/605 (2006.01)
 A61K 38/00 (2006.01)
 A61K 39/00 (2006.01)
 C07K 14/55 (2006.01)
 C07K 16/28 (2006.01)
 C12N 15/63 (2006.01)
 (43) 29.08.2024
 (62) 2020273903
 (72) Jin, Hyun-Tak; Nam, Eun Joo; Youn, Jeon
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ProKidney
 (11) AU-A-2024205710
 (21) 2024205710 (22) 13.08.2024
 (54) Injectable formulations for organ augmentation
 (51) Int. Cl.
 A61L 27/22 (2006.01)
 A61L 27/38 (2006.01)
 A61L 27/50 (2006.01)
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 (62) 2022275395
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 (74) Griffith Hack

(71) Qualcomm Incorporated
 (11) AU-A-2024205280
 (21) 2024205280 (22) 31.07.2024
 (54) MAPPING BETWEEN A CONTROL BEAM AND A DATA CHANNEL BEAM
 (51) Int. Cl.
 H04B 7/0408 (2017.01)
 H04B 7/06 (2006.01)
 H04W 72/044 (2023.01)
 H04W 16/28 (2009.01)
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 (62) 202224854
 (72) Islam, Muhammad Nazmul; Subramanian, Sundar; Sadiq, Bilal; Abedini, Navid; Li, Junyi
 (74) Madderns Pty Ltd

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 (11) AU-A-2024205632
 (21) 2024205632 (22) 09.08.2024

(54) Immunotherapy methods for patients whose tumors carry a high passenger gene mutation burden
 (51) Int. Cl.
 C12Q 1/6886 (2018.01)
 C12Q 1/6809 (2018.01)
 (43) 29.08.2024
 (62) 2022209279
 (72) LIM, Wei Keat
 (74) Davies Collision Cave Pty Ltd

(71) Regen Lab SA
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 (54) Viral infections- treatment with convalescent plasma/serum
 (51) Int. Cl.
 A61P 31/12 (2006.01)
 A61K 35/16 (2015.01)
 A61K 39/395 (2006.01)
 A61K 47/06 (2006.01)
 A61L 27/20 (2006.01)
 A61L 27/50 (2006.01)
 B01L 3/00 (2006.01)
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 (72) TURZI, Antoine; PIGNI, Andreas; GOMRI, Farid; TRABELSI, Hosni
 (74) Spruson & Ferguson

(71) Reticle Inc.
 (11) AU-A-2024205706
 (21) 2024205706 (22) 13.08.2024
 (54) Methods of treating water to remove contaminants and water treatment plants for the practice thereof
 (51) Int. Cl.
 C02F 1/52 (2023.01)
 C02F 1/58 (2023.01)
 C02F 9/02 (2006.01)
 C02F 9/04 (2006.01)
 (43) 29.08.2024
 (62) 2018366207
 (72) NESBITT, Carl C.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Rodriguez, R.
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 (54) METHODS AND SYSTEMS FOR DETERMINING THE AUTHENTICITY OF AN IDENTITY DOCUMENT
 (51) Int. Cl.
 G06V 30/41 (2022.01)
 G06F 40/295 (2020.01)
 G06N 3/00 (2023.01)
 G06V 30/416 (2022.01)
 G06V 40/10 (2022.01)
 (31) 18/168,954 (32) 14.02.23 (33) US
 (43) 29.08.2024
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 (74) Wallington-Dummer

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 (21) 2024200926 (22) 14.02.2024
 (54) Metal surface treatment apparatus and methodology
 (51) Int. Cl.
 C23G 1/04 (2006.01)
 C09D 5/08 (2006.01)
 C23C 4/02 (2006.01)
 C23C 4/04 (2006.01)
 C23C 6/00 (2006.01)
 C23F 11/04 (2006.01)
 C23G 3/02 (2006.01)
 B05B 7/16 (2006.01)
 (31) 2023900351 (32) 14.02.23 (33) AU
 (43) 29.08.2024
 (72) ROSS, Sean; ROSS, Terry
 (74) Terry ROSS

(71) Sage Therapeutics, Inc.
 (11) AU-A-2024205601
 (21) 2024205601 (22) 07.08.2024
 (54) A 19-Nor C3,3-disubstituted C21-N-pyrazolyl steroid and methods of use thereof
 (51) Int. Cl.
 A61K 31/58 (2006.01)
 A61P 25/20 (2006.01)
 (43) 29.08.2024
 (62) 2018334214
 (72) DOHERTY, James J. KANES
 (74) Spruson & Ferguson

(71) Salford Group Inc.
 (11) AU-A-2024205617
 (21) 2024205617 (22) 08.08.2024
 (54) FLOW DIVIDER FOR A SPINNER SPREADER
 (51) Int. Cl.
 E01C 19/20 (2006.01)
 A01C 7/08 (2006.01)
 A01C 15/00 (2006.01)
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 (74) Kevin Ashby

(71) Schneider Electric USA, Inc.
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 (21) 2024205759 (22) 14.08.2024
 (54) SYSTEMS AND METHODS FOR OPTIMIZING WAVEFORM CAPTURE COMPRESSION AND CHARACTERIZATION
 (51) Int. Cl.
 G06F 11/30 (2006.01)
 G01D 4/00 (2006.01)
 G01R 19/25 (2006.01)
 G06F 16/11 (2019.01)
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 G06Q 50/06 (2012.01)
 (43) 29.08.2024
 (62) 2022201909
 (72) Bickel, Jon A.; Peltier, Colton Thomas
 (74) Madderns Pty Ltd

(71) SEQUENCESHIFT HOLDINGS PTY LTD
 (11) AU-A-2024200689
 (21) 2024200689 (22) 05.02.2024
 (54) A SYSTEM FOR STORING DATA IN A DATABASE IN A DEVALUED FORMAT
 (51) Int. Cl.
 G06F 21/62 (2013.01)
 G06F 16/27 (2019.01)
 G06F 16/901 (2019.01)
 G06F 16/13 (2019.01)
 G06F 16/28 (2019.01)
 G06F 21/60 (2013.01)
 H04L 9/08 (2006.01)
 (31) 2023900327 (32) 10.02.23 (33) AU
 (43) 29.08.2024
 (72) Muntean, Dmitri
 (74) Alder IP Pty Ltd

(71) Shanghai XCMG Intelligent Technology Co., Ltd; JiangSu XCMG Construction Machinery Research Institute Ltd.
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 (54) UNIVERSAL MODULAR LAMP STRUCTURE FOR ENGINEERING MACHINERY
 (51) Int. Cl.
 F21S 2/00 (2016.01)
 F21S 4/28 (2016.01)
 F21S 41/65 (2018.01)
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 (43) 29.08.2024
 (72) Wang, Mingjiang; Min, Lei; Guo, Yihao
 (74) Madderns Pty Ltd

Sharp Kabushiki Kaisha see FG Innovation Company Limited
 (21) 2024205634

(71) Shenzhen Aiper Intelligent Co., Ltd.
 (11) AU-A-2023203967
 (21) 2023203967 (22) 23.06.2023
 (54) Robot Swimming Pool Cleaner Capable of Out-Of-Water Detection and Out-Of-Water Detection Method thereof
 (51) Int. Cl.
 E04H 4/16 (2006.01)
 (31) 2023101124392 (32) 14.02.23 (33) CN
 (43) 29.08.2024
 (72) WANG, Yang; YU, Xueliang; WANG, Keke
 (74) Collison & Co

(71) Shen Zhen Biorocks Biotechnology Company Limited
 (11) AU-A-2024205668
 (21) 2024205668 (22) 11.08.2024
 (54) A chemical delivery device
 (51) Int. Cl.
 A01N 1/02 (2006.01)
 (43) 29.08.2024
 (62) 2020395428
 (72) CHAN, Ho Nam; SHU, Yiwei
 (74) AJ Pietras IP Limited

(71) Smith & Nephew plc
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 (21) 2024205594 (22) 07.08.2024
 (54) ANTIMICROBIAL OR WOUND CARE MATERIALS, DEVICES AND USES
 (51) Int. Cl.
 A61L 15/42 (2006.01)
 A61L 15/60 (2006.01)
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 (72) Brewster, Amy; Crump, Robert; Le-comte, Helene Anne; Stephenson, David; Wray, Matthew
 (74) Griffith Hack

Sorbonne Universite see ASSOCIATION INSTITUT DE MYOLOGIE
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(71) STEELFINNE FABRICATIONS PTY. LTD.
 (11) AU-A-2024205061
 (21) 2024205061 (22) 13.02.2024
 (54) A DOOR AND WINDOW FRAMING SYSTEM
 (51) Int. Cl.
 E06B 1/68 (2006.01)
 E06B 1/16 (2006.01)
 E06B 1/18 (2006.01)
 E06B 3/16 (2006.01)
 E06B 3/22 (2006.01)
 E06B 3/26 (2006.01)
 E06B 3/54 (2006.01)
 E06B 3/60 (2006.01)
 (31) 2023900338 (32) 13.02.23 (33) AU
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 (72) DICKSON, Glenn; FLOWERS, Jar-rad; VILLA, Edward; WARREN, David; CULSHAW, Grant
 (74) Spruson & Ferguson

(71) Stryker Corporation
 (11) AU-A-2024205625
 (21) 2024205625 (22) 09.08.2024
 (54) End effector of a surgical robotic manipulator
 (51) Int. Cl.
 A61B 17/16 (2006.01)
 B23B 31/02 (2006.01)
 F16D 7/02 (2006.01)
 (43) 29.08.2024
 (62) 2022201643
 (72) Staunton, Douglas Alan; Flatt, James
 (74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation
 (11) AU-A-2024205628
 (21) 2024205628 (22) 09.08.2024
 (54) Ultrasonic surgical tool system including a tip capable of simultaneous longitudinal and torsional movement and of substantially torsional oscillations
 (51) Int. Cl.
 A61B 17/32 (2006.01)
 A61F 9/007 (2006.01)

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(74) Davies Collison Cave Pty Ltd
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(21) 2024205756 (22) 14.08.2024
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(51) Int. Cl.
E04B 2/74 (2006.01)
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(72) Xiao, Lei
(74) Patent Attorney Services
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(11) AU-A-2024205684
(21) 2024205684 (22) 12.08.2024
(54) Agricultural formulations, uses thereof and processes for preparation thereof
(51) Int. Cl.
A01N 25/24 (2006.01)
A01N 37/22 (2006.01)
A01N 43/78 (2006.01)
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(72) OGAWA, Toshiya; ZHOU, Ke; TANUWIDJAJA, Jessica
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(54) Communication method, apparatus and system
(51) Int. Cl.
G06F 16/24 (2019.01)
H04L 12/403 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(54) Outdoor cabinet
(51) Int. Cl.
H05K 5/06 (2006.01)
H02B 1/28 (2006.01)
H05K 7/14 (2006.01)
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(72) Yilin PEI
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- (51) Int. Cl.
C01C 1/04 (2006.01)
C01B 3/02 (2006.01)
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E05B 27/04 (2006.01)
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(21) 2023202510 (22) 26.04.2023
(54) LOCK CORE DEVICE BASED ON MATCHING MULTIPLE KEY CROSS-SECTIONAL SHAPES, ITS BALL SLOT CONFIGURATION METHOD, AND ITS CORRESPONDING LOCKING KEY
(51) Int. Cl.
E05B 35/08 (2006.01)
E05B 27/00 (2006.01)
(31) 112104768 (32) 10.02.23 (33) TW
(43) 29.08.2024
(72) HUANG, CHAO-MING; CHEN, CHI-MING
(74) Wrays Pty Ltd
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- (71) Takeda Pharmaceutical Company Limited
(11) AU-A-2024205664
(21) 2024205664 (22) 09.08.2024
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(51) Int. Cl.
C07K 16/40 (2006.01)
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(74) Spruson & Ferguson
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- (71) Tech Scapes IP Pty Ltd
(11) AU-A-2024200786
(21) 2024200786 (22) 08.02.2024
(54) A container and method of construction
(51) Int. Cl.
E04H 4/00 (2006.01)
E04H 7/18 (2006.01)
(31) 2023900314 (32) 09.02.23 (33) AU
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(21) 2024200790 (22) 08.02.2024
(54) Battery pack, and positioning member for thermistor in same
(51) Int. Cl.
H01M 50/204 (2021.01)
H01M 50/20 (2021.01)
H01M 50/233 (2021.01)
H01M 50/247 (2021.01)
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(72) LIU, Ya Bin; ZHAO, Jiang
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(11) AU-A-2024200826
(21) 2024200826 (22) 09.02.2024
(54) Electrical appliance assembly for multi-client networking, and peripheral devices
(51) Int. Cl.
H04L 67/125 (2022.01)
G05B 19/418 (2006.01)
H04L 12/28 (2006.01)
H04L 67/12 (2022.01)
H04W 4/38 (2018.01)
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(11) AU-A-2024200846
(21) 2024200846 (22) 09.02.2024
(54) Power tool and compact power feed trimmer head
(51) Int. Cl.
A01D 34/412 (2006.01)
(31) 63/445,426 (32) 14.02.23 (33) US
63/530,590 03.08.23 US
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(72) HOLMAN, Christopher; REED, Scott; ECKARD, Lance
(74) Spruson & Ferguson
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- (71) TE Connectivity Solutions GmbH; TYCO ELECTRONICS - SIMEL
(11) AU-A-2024200754
(21) 2024200754 (22) 07.02.2024
(54) Insulation piercing connector assemblies with captive cable end caps
(51) Int. Cl.
H01R 4/2404 (2018.01)
H01R 4/22 (2006.01)
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(74) Griffith Hack

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(54) Beam anchor and method of use
(51) Int. Cl.
E04G 21/32 (2006.01)
E04G 5/04 (2006.01)
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(21) 2024205679 **(22)** 12.08.2024
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A61K 9/20 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) THE PROCTER & GAMBLE COMPANY
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(51) Int. Cl.
A61K 8/19 (2006.01)
A61K 8/27 (2006.01)
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A61K 8/42 (2006.01)
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(71) Trina Solar Co., Ltd
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(54) Back contact solar cell and preparation method thereof
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H01L 31/068 (2012.01)
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H01L 31/068 (2012.01)
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(51) Int. Cl.
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F41C 27/00 (2006.01)
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H02J 7/00 (2006.01)
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 (74) WRAYS PTY LTD
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- (71) Zendesk, Inc.
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 (21) 2024200520 (22) 29.01.2024
 (54) Detecting a data cascade
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G06F 11/30 (2006.01)
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 (54) Water Valve for Vanity Units and the like
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E03C 1/02 (2006.01)
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 (54) PHOTOVOLTAIC CELL AND PHOTOVOLTAIC MODULE
 (51) Int. Cl.
H01L 31/0224 (2006.01)
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- (71) Zhejiang Narada Power Source Co., Ltd.
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 (21) 2024200733 (22) 06.02.2024
 (54) COMPOSITE CATHODE FRAME ASSEMBLY, BATTERY CELL AND ASSEMBLY METHOD OF BATTERY CELL
 (51) Int. Cl.
H01M 10/04 (2006.01)
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- (71) Zhejiang Orient Gene Biotech Co., Ltd
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 (21) 2024200917 (22) 13.02.2024
 (54) DEVICE WITH MULTIPLE TESTING UNITS
 (51) Int. Cl.
G01N 33/50 (2006.01)
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 (72) SHEN, Lili; FANG, Jianqiu; LI, Gang; ZHOU, Fangli
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) ZINCOVERY PROCESS TECHNOLOGIES LIMITED
 (11) AU-A-2024205626
 (21) 2024205626 (22) 09.08.2024
 (54) METHOD FOR PROCESSING MATERIALS CONTAINING IRON AND ZINC
 (51) Int. Cl.
C22B 19/30 (2006.01)
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C22B 7/02 (2006.01)
C22B 19/34 (2006.01)
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 (72) MARSHALL, Aaron Timothy; HOULTON, Ben; LANDON LANE, Leatham
 (74) SR Intellectual Property

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(51) Int. Cl.

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(45) 29.08.2024

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A43B 3/00 (2022.01)
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 (51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/395 (2006.01)
A61K 31/407 (2006.01)
A61K 31/537 (2006.01)
A61P 43/00 (2006.01)
C07D 471/10 (2006.01)
C07D 487/10 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) PYRAZOLYL COMPOUNDS AS KV7 CHANNEL ACTIVATORS
 (51) Int. Cl.
A61K 31/41 (2006.01)
A61K 31/395 (2006.01)
A61K 31/415 (2006.01)
A61K 31/33 (2006.01)
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 (21) 2023225967 (22) 23.02.2023
 (54) PYRAZOLYL COMPOUNDS AS KV7 CHANNEL ACTIVATORS
 (51) Int. Cl.
A61K 31/40 (2006.01)
A61K 31/341 (2006.01)
A61K 31/395 (2006.01)
A61K 31/33 (2006.01)
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H04W 40/02 (2009.01)
H04W 48/06 (2009.01)
H04W 4/029 (2018.01)
H04W 4/38 (2018.01)
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C07K 14/54 (2006.01)
A61K 38/20 (2006.01)
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C07K 14/54 (2006.01)
A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/715 (2006.01)
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A61P 35/00 (2006.01)
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A61B 5/07 (2006.01)
C12Q 1/00 (2006.01)
G01N 33/04 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/5513 (2006.01)
A61P 11/00 (2006.01)
A61P 25/04 (2006.01)
A61P 35/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
C07B 59/00 (2006.01)
A61K 101/02 (2006.01)
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 (54) STOCK TAKING ASSISTANT METHOD AND SYSTEM
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G06Q 10/08 (2023.01)
G06V 20/50 (2022.01)
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 (54) PROCESS FOR DECARBONATION OF CARBONATED MATERIALS AND HYDRATION THEREOF AND DEVICE THEREOF
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C04B 2/04 (2006.01)
C04B 2/10 (2006.01)
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 (51) Int. Cl.
C04B 2/04 (2006.01)
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B60M 7/00 (2006.01)
H01R 25/14 (2006.01)
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H04N 7/18 (2006.01)
B25J 9/00 (2006.01)
E21C 35/24 (2006.01)
G05B 19/048 (2006.01)
H04N 23/695 (2023.01)
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 (54) METHOD FOR ACYLATING A HYDROXYLATED SOLID MATERIAL
 (51) Int. Cl.
D21C 3/06 (2006.01)
C07C 67/39 (2006.01)
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 (54) FRAGMENTATION FOR MEASURING METHYLATION AND DISEASE
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C12Q 1/686 (2018.01)
C12Q 1/6851 (2018.01)
C12Q 1/6853 (2018.01)
C12Q 1/6876 (2018.01)
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A61K 31/165 (2006.01)
A61K 31/517 (2006.01)
A61K 31/7068 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
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 (54) CORROSION CONTROL FOR WATER SYSTEMS USING PASSIVATORS AND A HYDROXYCARBOXYLIC ACID
 (51) Int. Cl.
C23F 11/18 (2006.01)
C07C 59/245 (2006.01)
C07F 7/22 (2006.01)
C23C 22/20 (2006.01)
C23C 22/47 (2006.01)
C23F 11/04 (2006.01)
C23F 11/08 (2006.01)
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 (54) SCENARIO SELF-ADAPTIVE UNMANNED DRIVING CONTROL METHOD FOR MONORAIL CRANE TRANSPORT ROBOT
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B66C 13/48 (2006.01)
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 (54) STEROID COMPOUND, AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
 (51) Int. Cl.
C07J 9/00 (2006.01)
A61P 3/06 (2006.01)
A61P 9/10 (2006.01)
A61P 9/12 (2006.01)
C07J 71/00 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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 (21) 2023229681 (22) 06.03.2023
 (54) MUTANT L-THREONINE-RELEASING PROTEIN AND METHOD FOR PRODUCING L-THREONINE USING SAME
 (51) Int. Cl.
C07K 14/245 (2006.01)
C12N 15/77 (2006.01)
C12P 13/08 (2006.01)
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C12N 15/77 (2006.01)
C12P 13/08 (2006.01)
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 (51) Int. Cl.
H01L 31/0468 (2014.01)
E06B 3/663 (2006.01)
E06B 9/24 (2006.01)
H01L 31/048 (2014.01)
H01L 31/12 (2006.01)
H02S 20/22 (2014.01)
H02S 20/26 (2014.01)
H02S 30/10 (2014.01)
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 (51) Int. Cl.
C07D 401/12 (2006.01)
A61K 31/513 (2006.01)
A61K 31/53 (2006.01)
A61K 31/5377 (2006.01)
A61P 11/06 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
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 (51) Int. Cl.
A61K 47/56 (2017.01)
A61K 31/712 (2006.01)
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C12N 15/113 (2010.01)
C12Q 1/6844 (2018.01)
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 (74) FB Rice Pty Ltd
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 (54) SYSTEM AND METHOD FOR PREPARING MULTIPLE SAMPLES FOR CHEMICAL ANALYSIS USING A COMMON HEAT SOURCE
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G01N 1/44 (2006.01)
B01L 7/00 (2006.01)
G01N 1/34 (2006.01)
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 (74) AJ PARK
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 (21) 2023220141 (22) 21.02.2023
 (54) METHOD AND APPARATUS FOR MINIMIZING ICE BUILD UP WITHIN BLAST NOZZLE AND AT EXIT
 (51) Int. Cl.
B24C 5/04 (2006.01)
B05B 7/06 (2006.01)
B05B 7/14 (2006.01)
B05B 9/00 (2006.01)
B24C 1/00 (2006.01)
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 (11) AU-A-2023230875
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 (54) STRENGTHENING FRACTURE TIPS FOR PRECISION FRACTURING
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E21B 43/16 (2006.01)
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E02D 5/54 (2006.01)
E02D 15/08 (2006.01)
E02D 27/50 (2006.01)
E02D 27/52 (2006.01)
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(74) RnB IP Pty Ltd
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A61P 3/10 (2006.01)
C07K 14/575 (2006.01)
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A61K 31/395 (2006.01)
A61K 31/16 (2006.01)
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G06F 21/31 (2013.01)
G06Q 20/36 (2012.01)
G06F 21/34 (2013.01)
G06N 20/00 (2019.01)
G06V 40/50 (2022.01)
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B01J 20/28 (2006.01)
B01D 15/38 (2006.01)
B01J 20/32 (2006.01)
C07K 1/22 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/498 (2006.01)
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C07D 217/16 (2006.01)
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C25B 9/05 (2021.01)
C01B 3/02 (2006.01)
C25B 1/04 (2021.01)
C25B 1/50 (2021.01)
C25B 15/08 (2006.01)
F24T 10/00 (2018.01)
F24T 50/00 (2018.01)
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A61B 18/20 (2006.01)
A61B 18/22 (2006.01)
A61C 19/08 (2006.01)
A61N 5/067 (2006.01)
H05B 45/32 (2020.01)
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H02J 7/00 (2006.01)
A61B 5/00 (2006.01)
H02J 9/00 (2006.01)
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A61K 31/495 (2006.01)
A61K 31/496 (2006.01)
A61K 31/506 (2006.01)
A61K 31/53 (2006.01)
A61K 31/5377 (2006.01)
A61P 29/00 (2006.01)
C07D 241/04 (2006.01)
C07D 271/08 (2006.01)
C07D 401/12 (2006.01)
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B65H 39/06 (2006.01)
B65H 29/62 (2006.01)
B65H 37/04 (2006.01)
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A61K 31/4545 (2006.01)
A61K 31/506 (2006.01)
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A61P 35/00 (2006.01)
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C07D 405/12 (2006.01)
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H01M 4/42 (2006.01)
H01M 4/50 (2010.01)
H01M 6/08 (2006.01)
H01M 10/24 (2006.01)
H01M 50/171 (2021.01)
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C12P 21/00 (2006.01)
C07K 14/37 (2006.01)
C12N 9/10 (2006.01)
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A61L 9/18 (2006.01)
H05B 6/00 (2006.01)
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H04B 17/17 (2015.01)
H04W 24/00 (2009.01)
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A61N 1/00 (2006.01)
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H01M 8/04082 (2016.01)
F16B 33/00 (2006.01)
F16L 5/06 (2006.01)
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H01M 10/34 (2006.01)
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B60T 1/06 (2006.01)
B60T 8/1755 (2006.01)
B60T 8/1761 (2006.01)
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E02F 9/20 (2006.01)
E21C 41/16 (2006.01)
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G01C 21/20 (2006.01)
B60W 30/08 (2012.01)
G05D 1/00 (2006.01)
G06V 20/58 (2022.01)
G08G 1/16 (2006.01)
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B29C 48/69 (2019.01)
B29B 7/40 (2006.01)
B29B 7/84 (2006.01)
B29C 48/00 (2019.01)
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A61B 3/103 (2006.01)
G02B 3/00 (2006.01)
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A61F 13/08 (2006.01)
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C07D 519/00 (2006.01)
A61K 31/4985 (2006.01)
A61P 25/28 (2006.01)
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C07F 9/24 (2006.01)
B01J 19/00 (2006.01)
C07F 9/6518 (2006.01)
C12Q 1/6806 (2018.01)
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A61K 31/20 (2006.01)
A61K 31/185 (2006.01)
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 (51) Int. Cl.
C02F 1/467 (2023.01)
C02F 1/461 (2023.01)
H02M 3/158 (2006.01)
H02M 7/217 (2006.01)
C02F 103/42 (2006.01)
 (87) WO2023/170660
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 GMBH
 (11) AU-A-2023224456
 (21) 2023224456 (22) 28.02.2023
 (54) EXPANDED SNACK FOOD PRODUCT
 AND MANUFACTURE THEREOF
 (51) Int. Cl.
A23L 19/00 (2016.01)
A23L 29/10 (2016.01)
A23L 29/212 (2016.01)
A23P 30/10 (2016.01)
A23P 30/38 (2016.01)
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 (31) 2202757.7 (32) 28.02.22 (33) GB
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 (51) Int. Cl.
F03G 7/04 (2006.01)
F24T 10/20 (2018.01)
F24T 10/30 (2018.01)
F28D 20/02 (2006.01)
F24T 50/00 (2018.01)
F28D 19/00 (2006.01)
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F24S 23/30 (2018.01)
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 (43) 27.07.2023
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C07D 487/04 (2006.01)
A61K 31/53 (2006.01)
A61P 31/14 (2006.01)
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H02S 30/10 (2014.01)
E04H 6/04 (2006.01)
E04H 15/58 (2006.01)
H02S 10/40 (2014.01)
H02S 20/20 (2014.01)
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B32B 27/08 (2006.01)
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C07H 21/02 (2006.01)
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A61K 31/713 (2006.01)
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A61K 36/9066 (2006.01)
A23G 3/48 (2006.01)
A23L 2/38 (2021.01)
A23L 2/39 (2006.01)
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A61P 1/16 (2006.01)
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SESSMENT OF IT AND COMPUTER
READABLE MEDIUM
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G16H 50/50 (2018.01)
A61B 5/02 (2006.01)
A61B 5/021 (2006.01)
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AND APPARATUS
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H04W 8/06 (2009.01)
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B23B 7/12 (2006.01)
C09J 7/30 (2018.01)
C08K 5/544 (2006.01)
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Michael
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A61K 31/343 (2006.01)
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G16H 40/40 (2018.01)
A61M 5/142 (2006.01)
A61M 5/172 (2006.01)
G06F 1/3206 (2019.01)
G06F 1/3287 (2019.01)
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OF CO-POLYMERS WITH END AND/
OR MIDDLE GROUPS, AND METH-
ODS OF MAKING THE SAME
(51) Int. Cl.
B01D 69/02 (2006.01)
B01D 69/14 (2006.01)
C08G 77/28 (2006.01)
C08G 81/00 (2006.01)
C09D 187/00 (2006.01)
C12Q 1/6869 (2018.01)
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CIA, Miguel Angel; VYBORNA, Yuliia
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BARRIERS USING DIBLOCK OR
TRIBLOCK COPOLYMERS, AND
METHODS OF MAKING THE SAME
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(11) AU-A-2023222190
(21) 2023222190 (22) 20.02.2023
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C07K 14/725 (2006.01)
A61P 31/18 (2006.01)
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(54) METHODS AND COMPOSITIONS
FOR ALTERING METABOLITES IN

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A23B 7/022 (2006.01)
 A23L 27/10 (2016.01)
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 (72) KEY, Michael C.
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C10G 2/00 (2006.01)
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F03B 13/10 (2006.01)
C02F 1/04 (2023.01)
F02B 63/04 (2006.01)
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H02J 15/00 (2006.01)
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A01G 9/22 (2006.01)
A01G 9/24 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) Group Control Device Health Monitoring Method, Device, and Medium Based on Clustering Algorithm
 (51) Int. Cl.
G06F 18/23 (2023.01)
G05B 23/02 (2006.01)
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A61K 38/20 (2006.01)
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A61K 47/68 (2017.01)
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C12N 15/62 (2006.01)
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 (74) Kings Patent & Trade Marks Attorneys Pty Ltd

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A61K 38/16 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61M 1/00 (2006.01)
G16H 40/63 (2018.01)
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C08G 18/24 (2006.01)
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C08J 9/00 (2006.01)
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C08L 75/06 (2006.01)
C08G 101/00 (2006.01)
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C12N 5/0783 (2010.01)
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C12N 1/21 (2006.01)
C12P 13/08 (2006.01)
C12R 1/15 (2006.01)
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C12P 13/08 (2006.01)
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B62D 33/02 (2006.01)
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A61J 1/10 (2006.01)
A61K 41/17 (2020.01)
A61M 1/02 (2006.01)
A61M 1/36 (2006.01)
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A61J 1/14 (2023.01)
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A61M 1/36 (2006.01)
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F41A 19/01 (2006.01)
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B63B 1/10 (2006.01)
B63B 1/12 (2006.01)
B63B 35/44 (2006.01)
B63B 75/00 (2020.01)
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C12N 5/0783 (2010.01)
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B05B 1/30 (2006.01)
B01F 23/00 (2022.01)
B01J 4/00 (2006.01)
B05B 1/16 (2006.01)
B01J 19/26 (2006.01)

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C22C 1/04 (2023.01)
B22F 3/10 (2006.01)
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C22C 45/02 (2006.01)
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C12M 1/30 (2006.01)
A61F 13/38 (2006.01)
B01L 3/14 (2006.01)
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B01D 9/00 (2006.01)
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A61K 31/454 (2006.01)
A61P 25/18 (2006.01)
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A62C 3/02 (2006.01)
B01D 47/06 (2006.01)
B05B 1/20 (2006.01)
B05B 7/00 (2006.01)
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F04D 29/60 (2006.01)
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C07D 213/80 (2006.01)
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F25B 39/00 (2006.01)
F24F 1/38 (2011.01)
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C12N 15/82 (2006.01)
A01H 4/00 (2006.01)
C12N 5/04 (2006.01)
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A61K 39/215 (2006.01)
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C12N 15/50 (2006.01)
A61K 47/10 (2017.01)
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C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
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A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 37/02 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
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A61K 31/395 (2006.01)
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C23C 2/06 (2006.01)
C22C 18/04 (2006.01)
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A61K 31/40 (2006.01)
A61P 25/00 (2006.01)
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G06V 30/10 (2022.01)
G06F 40/30 (2020.01)
G06Q 10/10 (2023.01)

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H04N 1/00 (2006.01)
B65G 39/00 (2006.01)
B65H 3/54 (2006.01)
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C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
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A61K 35/17 (2015.01)
A61K 38/20 (2006.01)
A61K 47/68 (2017.01)
C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
C12N 15/85 (2006.01)
G16B 15/20 (2019.01)
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E01C 11/14 (2006.01)
E01C 11/08 (2006.01)
E04B 1/48 (2006.01)
E04F 15/14 (2006.01)
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C07K 16/30 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/44 (2006.01)
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A62D 1/02 (2006.01)
A62D 1/00 (2006.01)
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G01N 3/30 (2006.01)
G01P 15/18 (2013.01)
G01C 9/06 (2006.01)
G01M 7/08 (2006.01)
G01N 3/31 (2006.01)
G01N 29/04 (2006.01)
G01N 29/34 (2006.01)
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(54) LIGHT-BASED ALIGNER SEATING APPARATUS AND METHODS
(51) Int. Cl.
A61C 7/08 (2006.01)
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(51) Int. Cl.
C07K 16/30 (2006.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
C12N 15/62 (2006.01)
A61K 39/395 (2006.01)
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C07D 405/06 (2006.01)
A61K 31/4025 (2006.01)
A61P 25/16 (2006.01)
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 A61K 39/395 (2006.01)
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 C07K 14/78 (2006.01)
 C07K 16/18 (2006.01)
 A61P 35/00 (2006.01)
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 A01H 4/00 (2006.01)
 C12G 3/00 (2019.01)
- C12G 3/02 (2019.01)
 C12P 7/06 (2006.01)
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 G06F 16/955 (2019.01)
 G06K 7/10 (2006.01)
 G06Q 20/04 (2012.01)
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 B29C 37/00 (2006.01)
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 B01F 35/71 (2022.01)
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F01K 7/02 (2006.01)
F01B 11/00 (2006.01)
F02G 1/00 (2006.01)
F02G 1/053 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/41 (2006.01)
A61P 35/00 (2006.01)
C07D 333/58 (2006.01)
C07D 401/14 (2006.01)
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C12N 15/86 (2006.01)
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A61P 35/00 (2006.01)
A61K 35/768 (2015.01)
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C07K 16/28 (2006.01)
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C07K 16/00 (2006.01)
G01N 30/02 (2006.01)
G01N 30/84 (2006.01)
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C07H 15/04 (2006.01)
A61K 47/64 (2017.01)
A61P 37/06 (2006.01)
G01N 33/80 (2006.01)
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A61K 9/08 (2006.01)
A61K 39/395 (2006.01)
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C07D 277/34 (2006.01)
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A61K 38/08 (2019.01)
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C07C 229/12 (2006.01)
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C07C 237/08 (2006.01)
C07D 207/16 (2006.01)
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G01N 22/04 (2006.01)
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A61P 27/16 (2006.01)
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C07D 513/16 (2006.01)
A61K 31/4353 (2006.01)
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A61P 25/24 (2006.01)
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C07D 401/04 (2006.01)
A61K 31/165 (2006.01)
A61K 31/4353 (2006.01)
A61P 25/28 (2006.01)
C07D 405/02 (2006.01)
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F41G 1/38 (2006.01)
F41G 1/027 (2006.01)
G02B 23/16 (2006.01)
G02B 27/32 (2006.01)
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C12N 1/21 (2006.01)
A61P 35/00 (2006.01)
C12N 1/36 (2006.01)
C12N 15/63 (2006.01)
C12R 1/42 (2006.01)
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 (54) POLYPEPTIDE COMPOUND AND USE THEREOF IN TREATMENT OF ENTERITIS
 (51) Int. Cl.
C07K 14/00 (2006.01)
A61K 38/00 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
C07K 5/00 (2006.01)
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C08L 5/04 (2006.01)
A61L 27/20 (2006.01)
C08B 37/04 (2006.01)
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 (54) DRYING APPARATUS UTILISING AN INDIRECT INFRARED HEATING SYSTEM
 (51) Int. Cl.
F26B 3/30 (2006.01)
F26B 17/02 (2006.01)
 (87) WO2023/146465
 (43) 03.08.2023
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 (51) Int. Cl.
A61F 2/24 (2006.01)
A61B 17/122 (2006.01)
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A61K 31/435 (2006.01)
A61K 31/44 (2006.01)
A61P 9/04 (2006.01)
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H02G 1/00 (2006.01)
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C05G 3/90 (2020.01)
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C05G 3/90 (2020.01)
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C07H 21/02 (2006.01)
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 A01N 41/10 (2006.01)
 A01N 43/50 (2006.01)
 A01N 47/36 (2006.01)
 A01P 13/02 (2006.01)
 (87) WO2023/144564
 (31) 63/304,922 (32) 31.01.22 (33) US
 (43) 03.08.2023
 (72) EFFERTZ, Chad; GRAY, Cody
 (74) Churchill Attorneys
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- (71) UPM-KYMMENE CORPORATION
 (11) AU-A-2023222480
 (21) 2023222480 (22) 13.02.2023
 (54) LIGNIN PELLETS
 (51) Int. Cl.
 C10L 5/44 (2006.01)
 (87) WO2023/156710
 (31) 20225153 (32) 21.02.22 (33) FI
 (43) 24.08.2023
 (72) PYKÄLÄINEN, Nina; MIETTINEN, Mauno
 (74) Davies Collison Cave Pty Ltd

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- (71) VALMET FLOW CONTROL OY
 (11) AU-A-2023217284
 (21) 2023217284 (22) 10.02.2023
 (54) AN OUTLET PIPE AND A METHOD FOR ASSEMBLING
 (51) Int. Cl.
F16K 47/08 (2006.01)
F15D 1/02 (2006.01)
F16L 55/045 (2006.01)
F16L 57/06 (2006.01)
 (87) WO2023/152427
 (31) 20225117 (32) 10.02.22 (33) FI
 (43) 17.08.2023
 (72) HELLMAN, Jussi
 (74) Griffith Hack
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- (71) VALORISATION RECHERCHE HSCM, LIMITED PARTNERSHIP; FERNANDES, J.; BENDERDOUR, M.
 (11) AU-A-2023209802
 (21) 2023209802 (22) 20.01.2023
 (54) RESOLVIN ANALOGS COMPOUNDS, METHODS AND USES THEREOF
 (51) Int. Cl.
C07D 405/06 (2006.01)
A61K 31/4172 (2006.01)
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A61P 19/00 (2006.01)
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C07D 233/64 (2006.01)
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 (31) 63/301,450 (32) 20.01.22 (33) US
 (43) 27.07.2023
 (72) FERNANDES, Julio; BENDERDOUR, Mohamed; MALTAIS, René; SANCÉAU, Jean-Yves
 (74) Griffith Hack
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- (71) VIVOS, INC., d/b/a ADVANCED MEDICAL ISOTOPE CORPORATION
 (11) AU-A-2022436875
 (21) 2022436875 (22) 13.09.2022
 (54) RADIOTHERAPY GEL AND METHOD OF PREPARING THE SAME
 (51) Int. Cl.
A61K 51/12 (2006.01)
A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
C01F 17/20 (2020.01)
 (87) WO2023/146587
 (31) 17/740,549 (32) 10.05.22 (33) US
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 (43) 03.08.2023
 (72) KORENKO, Michael; SWANBERG, David
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) WEATHERFORD TECHNOLOGY HOLDINGS, LLC
 (11) AU-A-2023242807
 (21) 2023242807 (22) 10.01.2023
 (54) METHANE LEAK REMEDIATION SYSTEM AND METHOD
 (51) Int. Cl.
G08B 21/16 (2006.01)
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- (87) WO2023/187478
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 (43) 05.10.2023
 (72) KISTLER, Aaron; VENKATESH, Bimal; MORRISON, Graeme
 (74) WRAYS PTY LTD
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 (11) AU-A-2023217654
 (21) 2023217654 (22) 10.02.2023
 (54) METHODS AND APPARATUS FOR COMMUNICATING CONTROL SIGNALS IN A GRILL
 (51) Int. Cl.
A47J 37/07 (2006.01)
A47J 36/32 (2006.01)
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 (87) WO2023/154473
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 (43) 17.08.2023
 (72) ZAPRZALKA, Anthony; MARTINEZ, Jose Angel; MERCADO, JR., Victor; ECKHARDT, David Jonathan
 (74) PIPERS
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 (54) DIARYL COMPOUND AS TUBULIN/SRC DUAL TARGET INHIBITOR
 (51) Int. Cl.
C07D 413/12 (2006.01)
A61K 31/4427 (2006.01)
A61K 31/4436 (2006.01)
A61P 17/00 (2006.01)
A61P 35/00 (2006.01)
C07D 283/00 (2006.01)
C07D 295/04 (2006.01)
C07D 331/04 (2006.01)
C07D 401/12 (2006.01)
C07D 498/08 (2006.01)
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C07F 5/04 (2006.01)
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 (72) ZHANG, Xuejun; ZANG, Yang; YANG, Hui; LEI, Sijun; WEI, Wenjun; WU, Zhiqiang; LIU, Lifei; ZHANG, Xin; LI, Li'e; YANG, Jun
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- (71) XENCOR, INC.; JANSSEN BIOTECH, INC.
 (11) AU-A-2023223455
 (21) 2023223455 (22) 22.02.2023
 (54) ANTI-CD28 X ANTI-PSMA ANTIBODIES
 (51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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 (31) 63/313,233 (32) 23.02.22 (33) US
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 (74) MINTER ELLISON
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- (71) XINTHERA, INC.
 (11) AU-A-2023209820
 (21) 2023209820 (22) 20.01.2023
 (54) PARP1 INHIBITORS AND USES THEREOF
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/496 (2006.01)
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A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
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 (72) HOFFMAN, Robert L.; VA, Porino Jinjo; PINCHMAN, Joseph Robert; TRZOSS, Lynn; DONG, Qing; KALDOR, Stephen W.
 (74) FPA Patent Attorneys Pty Ltd
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- (71) YARA INTERNATIONAL ASA
 (11) AU-A-2023220829
 (21) 2023220829 (22) 17.02.2023
 (54) A MIXTURE OF UREA, BIURET AND NITRATE AS A DIETARY NON-PROTEIN NITROGEN-SOURCE FOR RUMINANTS AND USES THEREOF
 (51) Int. Cl.
A23K 20/105 (2016.01)
A23K 20/111 (2016.01)
A23K 20/137 (2016.01)
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A23K 20/22 (2016.01)
A23K 20/24 (2016.01)
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 (43) 24.08.2023
 (72) RUIZ, Isabel; MARTINEZ-LUENGAS, Inés; PIRRO, Laura; VAN BELZEN, Ruud; MOHAN, Anand; IPHAR-RAGUERRE, Ignacio, R.
 (74) Southern Cross Intellectual Property
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- (71) YARA INTERNATIONAL ASA
 (11) AU-A-2023222181
 (21) 2023222181 (22) 17.02.2023
 (54) A MIXTURE OF UREA, BIURET AND N-CONTAINING BY-PRODUCTS CREATED DURING BIURET PRODUCTION AS A DIETARY NON-PROTEIN NITROGEN-SOURCE FOR RUMINANTS AND USES THEREOF

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(51) Int. Cl.
A23K 20/105 (2016.01)
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A23K 20/137 (2016.01)
A23K 20/20 (2016.01)
A23K 20/22 (2016.01)
A23K 20/24 (2016.01)
A23K 50/10 (2016.01)
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(71) YARA INTERNATIONAL ASA
(11) AU-A-2023233783
(21) 2023233783 (22) 10.03.2023
(54) METHOD AND SYSTEM FOR PROVIDING MEASUREMENT REGIONS FOR PROVIDING A FERTILIZER RECOMMENDATION

(51) Int. Cl.
A01C 21/00 (2006.01)
A01B 79/00 (2006.01)
(87) WO2023/174808
(31) 22161884.6 (32) 14.03.22 (33) EP
(43) 21.09.2023
(72) JASPER, Jörg; HARRIMAN, Miles
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(71) YU-JET CO., LTD.
(11) AU-A-2023223350
(21) 2023223350 (22) 21.02.2023
(54) TRIENTINE TETRAHYDROCHLORIDE, AND PREPARATION METHOD THEREFOR AND COMPOSITION THEREOF

(51) Int. Cl.
C07C 211/14 (2006.01)
A61K 31/132 (2006.01)
A61P 1/16 (2006.01)
A61P 25/00 (2006.01)
A61P 43/00 (2006.01)
(87) WO2023/160520
(31) 202210168899.2 (32) 23.02.22 (33) CN
(43) 31.08.2023
(72) PERNG, Cherng-yih; LIANG, Ming-ren; LIN, Yu-chen; FENG, Tai-yun
(74) A.P.T. Patent and Trade Mark Attorneys

(71) ZIPLINE INTERNATIONAL INC.
(11) AU-A-2023215282
(21) 2023215282 (22) 03.02.2023
(54) TACTICAL DECONFLICTION SYSTEM FOR UNMANNED AERIAL VEHICLES

(51) Int. Cl.
G08G 5/04 (2006.01)
G08G 5/00 (2006.01)
B64C 39/00 (2023.01)
B64C 39/02 (2023.01)
(87) WO2023/150287
(31) 63/306,614 (32) 04.02.22 (33) US

(43) 10.08.2023
(72) OKSENHORN, Ryan; BUDIHAL, Divya; MAKINENI, Anurag; RAMAN, Vasumathi; MOLDONADO, Alexander; WEINSTEIN, Aaron D.
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) ZODIAC POOL CARE EUROPE
(11) AU-A-2023247222
(21) 2023247222 (22) 24.03.2023
(54) GUIDING SYSTEMS FOR AUTOMATIC SWIMMING POOL CLEANER
(51) Int. Cl.
E04H 4/16 (2006.01)
(87) WO2023/187590
(31) 63/324,989 (32) 29.03.22 (33) US
(43) 05.10.2023
(72) LANCERY, Arnaud; FAVIÉ, Louis
(74) FB Rice Pty Ltd

(71) ZODIAC POOL CARE EUROPE
(11) AU-A-2023247283
(21) 2023247283 (22) 24.03.2023
(54) AUTOMATIC SWIMMING POOL CLEANER SYSTEMS WITH IMPROVED VISUAL COMMUNICATION
(51) Int. Cl.
E04H 4/16 (2006.01)
(87) WO2023/187592
(31) 63/325,018 (32) 29.03.22 (33) US
(43) 05.10.2023
(72) FAVIÉ, Louis; LANCERY, Arnaud
(74) FB Rice Pty Ltd

(71) ZODIAC POOL CARE EUROPE
(11) AU-A-2023247284
(21) 2023247284 (22) 24.03.2023
(54) CHARGING SYSTEM FOR AUTOMATIC SWIMMING POOL CLEANERS WITH A CONTACT PROTECTION SYSTEM
(51) Int. Cl.
E04H 4/16 (2006.01)
B60L 53/14 (2019.01)
(87) WO2023/187596
(31) 63/325,008 (32) 29.03.22 (33) US
(43) 05.10.2023
(72) FAVIÉ, Louis; LANCERY, Arnaud
(74) FB Rice Pty Ltd

(71) ZTE CORPORATION
(11) AU-A-2022439980
(21) 2022439980 (22) 11.02.2022
(54) SYSTEMS AND METHODS FOR TRAFFIC TRANSMISSION IN IAB NETWORK
(51) Int. Cl.
H04W 76/19 (2018.01)
(87) WO2023/151000
(43) 17.08.2023
(72) DIAO, Xueying; HUANG, Ying; CHEN, Lin
(74) Spruson & Ferguson

(71) ZTE CORPORATION
(11) AU-A-2022440578
(21) 2022440578 (22) 11.02.2022
(54) DEVICE TO DEVICE COMMUNICATION
(51) Int. Cl.
H04W 72/02 (2009.01)
(87) WO2023/151040
(43) 17.08.2023
(72) DU, Weiqiang; LUO, Wei
(74) Davies Collison Cave Pty Ltd

(71) ZTE CORPORATION
(11) AU-A-2022459444
(21) 2022459444 (22) 19.05.2022
(54) INTERNET-OF-VEHICLES POWER SAVING SCHEMES
(51) Int. Cl.
H04L 1/00 (2006.01)
H04W 72/04 (2023.01)
(87) WO2023/221017
(43) 23.11.2023
(72) DU, Weiqiang; CHEN, Lin; LUO, Wei
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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2022436854	SINGNERGY CORPORATION PTE. LTD.	2023207590	MAGPUL INDUSTRIES CORP.
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2022438165	HUAWEI TECHNOLOGIES CO., LTD.	2023207739	ORICELL THERAPEUTICS CO., LTD.
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2023220699	KANAPH THERAPEUTICS INC.; KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY	2023225967	BIOHAVEN THERAPEUTICS LTD.
2023220718	AO TECHNOLOGY AG	2023226005	BRIGHT PEAK THERAPEUTICS AG
2023220782	REFLECTION MARINE NORGE AS; ALCATEL SUBMARINE NETWORKS NORWAY AS; NTNU - NORGES TEKNISK - NATURVITENSKAPELIGE UNIVERSITET	2023226060	METAGENOMI, INC.
2023220829	YARA INTERNATIONAL ASA	2023226206	NOEMA PHARMA AG
2023220927	KINETIC MACHINE TOOL SERVICE & REPAIR LIMITED	2023226512	BRIGHT PEAK THERAPEUTICS AG
2023220934	CANCER RESEARCH TECHNOLOGY LIMITED	2023226843	MACO PHARMA
2023220935	HIIROC-X DEVELOPMENTS LIMITED	2023226844	MACO PHARMA
2023220969	REGENERON PHARMACEUTICALS, INC.	2023226952	CAVEMAN CONSULTING PTY LTD
2023220999	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2023227080	CARMEUSE TECHNOLOGIES
2023221004	ALLERGENIS, INC.	2023227341	CARMEUSE TECHNOLOGIES
2023221021	MARKER THERAPEUTICS, INC.	2023227418	ALTIN BIOSCIENCES CORPORATION
2023221129	ADEKA CORPORATION	2023227470	GILEAD SCIENCES, INC.
2023221268	MAXCYTE, INC.	2023227524	PIONEER HI-BRED INTERNATIONAL, INC.
2023221297	ABIOMED, INC.	2023228016	BESPAK EUROPE LIMITED
2023221382	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2023228814	J.C. UNI-TEC, INC.
2023221400	TERRAN BIOSCIENCES, INC.; CLARK, S.; DUNCAN, M.	2023229196	ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP
2023221414	CG PHARMACEUTICALS, INC.	2023229381	MITOPOWER, INC.
2023221738	REGENERON PHARMACEUTICALS, INC.; VYRIAD, INC.	2023229681	CJ CHEILJEDANG CORPORATION
2023221751	ICU MEDICAL, INC.	2023229902	MABXIENCE RESEARCH, S.L.
2023221873	REGENERON PHARMACEUTICALS, INC.	2023230335	TAKEDA PHARMACEUTICAL COMPANY LIMITED
2023221934	PURA SCENTS, INC.	2023230619	INFINIUM TECHNOLOGY, LLC
2023222066	THE CLEVELAND CLINIC FOUNDATION	2023230875	CONOCOPHILIPS COMPANY
2023222181	YARA INTERNATIONAL ASA	2023230961	UOP LLC
2023222190	IMMUNOCORE LIMITED	2023231098	DURACELL U.S. OPERATIONS, INC.
2023222264	CMG PHARMACEUTICAL CO., LTD.	2023231101	NATIONAL HEALTH RESEARCH INSTITUTES
2023222269	ARJUNA NATURAL PRIVATE LIMITED	2023231119	INSULET CORPORATION
2023222480	UPM-KYMMENE CORPORATION	2023231134	GPI FRANKFURT & AUGSBURG GMBH
2023222492	CANCER RESEARCH TECHNOLOGY LIMITED	2023231223	INTEGRITY COMMUNICATIONS SOLUTIONS, INC.
2023222749	TRADING AS CANCER RESEARCH HORIZONS CEPHEID	2023231647	UOP LLC
2023222756	RS ONCOLOGY, LLC	2023231916	TEIJIN PHARMA LIMITED
		2023231941	CJ CHEILJEDANG CORPORATION
		2023232189	HANSHOW TECHNOLOGY CO., LTD.
		2023232386	F. HOFFMANN-LA ROCHE AG
		2023232558	FLUIDRA GROUP AUSTRALIA PTY LTD.
		2023232895	THE FRANCIS CRICK INSTITUTE LIMITED
		2023233783	YARA INTERNATIONAL ASA
		2023233859	REMAB THERAPEUTICS SL
		2023234457	PHANES THERAPEUTICS, INC.
		2023234686	PENTIXAPHARM AG
		2023235420	SENSORION
		2023235442	MARINE POWER SYSTEMS LIMITED
		2023236205	INNOSPACE CO., LTD
		2023236878	CYTIVA BIOPROCESS R&D AB

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2023237813	NEURELIS, INC.
2023238154	QUANTABRAIN SRL
2023239082	H2PRO LTD
2023239230	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
2023239248	ENERVENUE, INC.
2023240507	ALCON INC.
2023241225	SYNAFFIX B.V.
2023241831	MONSANTO TECHNOLOGY LLC
2023242443	F. HOFFMANN-LA ROCHE AG
2023242704	ELISA OYJ
2023242791	ALLOM, A.G.
2023242807	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2023243165	THE UNIVERSITY OF TOKYO; TAIHO PHARMA- CEUTICAL CO., LTD.
2023244507	ILLUMINA, INC.
2023244548	JOHNSON MATTHEY DAVY TECHNOLOGIES LIM- ITED
2023245512	TETRA LAVAL HOLDINGS & FINANCE S.A.
2023245781	OPEX CORPORATION
2023246639	ESSILOR INTERNATIONAL
2023246642	ILLUMINA, INC.
2023247222	ZODIAC POOL CARE EUROPE
2023247283	ZODIAC POOL CARE EUROPE
2023247284	ZODIAC POOL CARE EUROPE
2023250381	CORVUS PHARMACEUTICALS, INC.
2023252064	NAYAX LTD.
2023253503	LG ELECTRONICS INC.
2023253669	ENERVENUE, INC.
2023255485	QUALCOMM INCORPORATED
2023258527	JOHNSON MATTHEY PUBLIC LIMITED COMPANY
2023264873	LENOVO (SINGAPORE) PTE LIMITED
2023265423	HALLIBURTON ENERGY SERVICES, INC.
2023265608	HALLIBURTON ENERGY SERVICES, INC.
2023267589	TEH YOR CO., LTD.
2023271674	MORAMPUDI, M.
2023276618	CHEMTREAT, INC.
2023278471	CELLULOTECH INC
2023287128	BIOFRONT LTD
2023287760	GLOBERIDE, INC.
2023289045	SULE, S.
2023301667	RETISPEC INC.
2023314829	PHARMALA BIOTECH INC.
2023331168	GRANULES INDIA LIMITED
2023336071	TRINA SOLAR CO., LTD
2023366057	DENTROID PTY LTD
2023370513	RHINO RACK AUSTRALIA PTY LIMITED
2023387760	INSPUR GENSERFOT CO., LTD.
2023387777	REMEGEN CO., LTD.
2023414106	CHINA UNIVERSITY OF MINING AND TECHNOLOGY; XUZHOU LIREN MONORAIL TRANSPORTATION EQUIPMENT CO., LTD.
2023414159	CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.
2023414160	NOTARIZE, INC.
2024205061	STEELFINNE FABRICATIONS PTY. LTD.

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<u>C01B 25 /-</u>	<u>C07C 211 /-</u>	<u>C07D 267 /-</u>	<u>C07K 11 /-</u>	<u>C07K 11 /-</u>	<u>C08J 11 /-</u>
2023207054	2023207742 2023223350	2023224769	2023209532	2023209532	2023223775
<u>C01B 3 /-</u>	<u>C07C 229 /-</u>	<u>C07D 271 /-</u>	<u>C07K 14 /-</u>	<u>C07K 14 /-</u>	<u>C08J 9 /-</u>
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<u>C01C 1 /-</u>	<u>C07C 235 /-</u>	<u>C07D 277 /-</u>	<u>C07D 487 /-</u>	<u>C08K 5 /-</u>	<u>C08K 5 /-</u>
2023225671	2023206629	2023222756	2023205061 2023206690 2023209575 2023220934 2023223283 2023224082 2023227470 2023331168	2023237642	2023237642
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2023244507	2023221738	2023239230		2023208536	<u>E21B 7 /-</u>	2023217284
<u>C09J 163 /-</u>	<u>C12N 9 /-</u>	<u>C22F 1 /-</u>		2023208536	2023208536	<u>F16L 5 /-</u>
2023237642	2022456077 2023211058 2023217986 2023221268 2023241831	2023239230	<u>E02F 9 /-</u>	2022453533	<u>E21C 35 /-</u>	2023239248
<u>C09J 7 /-</u>		<u>C23C 2 /-</u>			2023414159	<u>F16L 55 /-</u>
2023237642		2023220227 2023220558	<u>E04B 1 /-</u>	2023210197 2023219166 2023336071	<u>E21C 41 /-</u>	2023217284
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<u>C10L 5 /-</u>		<u>C23F 11 /-</u>		2023336071	2023219331	<u>F23C 1 /-</u>
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2023219510	2022442267	<u>C25B 15 /-</u>	<u>E04H 15 /-</u>		<u>F02D 29 /-</u>	2023230961
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	<u>C22B 3 /-</u>	2023207810	<u>E21B 17 /-</u>		<u>F04D 25 /-</u>	<u>F24S 20 /-</u>
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	2023221382	<u>E02D 5 /-</u>	2023265608		2023217284	2023209419 2023213230
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2023209419		2023387760	2023219787	2023239248	2023219787
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2023209419	2023222772	2022432196	2023216283	2023209834	2023245781
<u>F28D 7 /-</u>	<u>G01P 15 /-</u>	<u>G06F 18 /-</u>	<u>G08B 21 /-</u>	<u>H01R 39 /-</u>	<u>H04N 19 /-</u>
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2023207590	2022453533	2023414160	2023301667	2023239082	2023213913
<u>F41A 9 /-</u>	<u>G01V 1 /-</u>	<u>G06F 8 /-</u>	<u>G16B 15 /-</u>	<u>H02J 7 /-</u>	<u>H04W 24 /-</u>
2023207590	2023220782	2023221751	2023208031	2023213943	2023242704
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2022456696	2023301667	2022432196 2023252064	2023238154	2023232558	2022443265 2023205774 2023212155 2023264873
<u>G01C 9 /-</u>	<u>G02B 23 /-</u>	<u>G06N 20 /-</u>	<u>G16H 40 /-</u>	<u>H02M 7 /-</u>	<u>H04W 40 /-</u>
2023224292	2023207663	2023216283 2023219787	2023221751 2023231119	2023232558	2023212155 2023232189
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2023214108	2023220927	2023216283 2023414160	2023231098 2023253669		
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G07F 11/04 (2006.01)
B65D 83/00 (2006.01)
G07F 11/02 (2006.01)
G07F 11/10 (2006.01)
G07F 11/16 (2006.01)
G07F 17/00 (2006.01)
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C12Q 1/70 (2006.01)
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G06N 5/02 (2006.01)
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A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C07D 471/04 (2006.01)
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C07D 213/79 (2006.01)
A61P 9/04 (2006.01)
A61P 13/12 (2006.01)
C07C 13/40 (2006.01)
C07C 235/62 (2006.01)
C07D 231/12 (2006.01)
C07D 231/14 (2006.01)
C07D 237/20 (2006.01)
C07D 239/42 (2006.01)
C07D 241/12 (2006.01)
C07D 263/40 (2006.01)
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A61K 31/166 (2006.01)
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F28F 13/00 (2006.01)
F28F 27/02 (2006.01)
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H05K 7/20 (2006.01)
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G16H 20/17 (2018.01)
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C07D 311/82 (2006.01)
C08G 77/44 (2006.01)
C09B 69/10 (2006.01)
C09D 183/08 (2006.01)
G01N 21/64 (2006.01)
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C07K 16/12 (2006.01)
A61P 31/04 (2006.01)
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G01C 21/16 (2006.01)
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H04N 21/431 (2011.01)
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A61B 90/00 (2016.01)
G06T 7/13 (2017.01)
H01S 3/10 (2006.01)
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A61K 8/58 (2006.01)

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A61K 47/10 (2017.01)
A61P 1/02 (2006.01)
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G01F 23/00 (2006.01)
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C07D 237/02 (2006.01)
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A21D 2/16 (2006.01)
A21D 10/00 (2006.01)
A21D 13/068 (2017.01)
A23D 7/01 (2006.01)
A23L 23/10 (2016.01)
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A61M 39/10 (2006.01)
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G06T 7/00 (2017.01)
G06V 10/77 (2022.01)
G06V 20/69 (2022.01)
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B01J 29/76 (2006.01)
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C01B 21/02 (2006.01)
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C12N 1/18 (2006.01)
C12N 1/20 (2006.01)
C12N 9/08 (2006.01)
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A61B 5/145 (2006.01)
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A61K 31/437 (2006.01)
A61P 25/00 (2006.01)
C07D 401/04 (2006.01)
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C08L 23/08 (2006.01)
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F25C 5/02 (2006.01)
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A61L 2/07 (2006.01)
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A61K 9/16 (2006.01)
A61K 31/00 (2006.01)
A61P 35/00 (2006.01)
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A61M 16/00 (2006.01)
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A61P 9/00 (2006.01)
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C07D 475/04 (2006.01)
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C04B 24/04 (2006.01)
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C04B 28/26 (2006.01)

C04B 41/50 (2006.01)
C09D 1/06 (2006.01)
C04B 111/70 (2006.01)
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F16L 55/26 (2006.01)
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G01B 21/14 (2006.01)
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A61P 17/00 (2006.01)
A61Q 19/02 (2006.01)
C07D 209/12 (2006.01)
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C07K 5/062 (2006.01)
A61K 45/06 (2006.01)
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
C07K 1/06 (2006.01)
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C07D 405/14 (2006.01)
A61K 31/4025 (2006.01)

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A61P 25/00 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
C07D 403/06 (2006.01)
C07D 403/14 (2006.01)
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2018229069	Williames Pty Ltd	2019221323	Galaxy Digital Trading LLC
2018236166	Ilytica LLC	2019226586	Elicio Therapeutics, Inc.
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2018297566	Survitec Group Limited	2019230056	Qualcomm Incorporated
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2018317188	Cell Therapy and Technology S.A. De C.V.	2019237203	Sika Technology AG
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2018320713	AO Technology AG	2019239035	Valo Therapeutics Oy
2018322428	Valmont Industries, Inc.	2019240578	The Boeing Company
2018326280	Icon Plastics Pty Ltd	2019241406	Injecto Group A/S
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2018330916	Makro Labelling S.r.l.	2019247464	Nucor Corporation
2018332816	Curatola, G.	2019251579	Versicolor Technologies, LLC
2018333280	Australian Nuclear Science and Technology Organisation; University of Wollongong	2019251815	Borges Agricultural & Industrial Edible Oils S.A.U.
2018337761	The University of Adelaide	2019257384	Burleigh Wagon Pty Ltd
2018338808	Seminis Vegetable Seeds, Inc.	2019260722	Phenix Real Time Solutions, Inc.
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2018344763	Wilson, J.	2019262088	Relborgn Pty Ltd; Triomviri Pty Ltd
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2018346955	Harpoon Therapeutics, Inc.	2019269124	Xtaper Limited
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2018360319	PPC Broadband Fiber Ltd.	2019277659	Stokely-Van Camp, Inc.
2018362047	Hampidjan Hf.	2019283296	Hilti Aktiengesellschaft
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2018367056	Vast Solar Pty Ltd	2019283461	Datamars SA
2018367606	The Regents of the University of Michigan	2019288659	Bissell Inc.
2018367922	Fitzmaurice, A.L.	2019289140	CBRE, Inc.
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2018442180	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019301285	Alcon Inc.
2018443808	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2019301511	Boehringer Ingelheim Vetmedica GmbH
2018445049	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP.,LTD.	2019303909	Société des Produits Nestlé S.A.
		2019304143	BAE Systems plc
		2019304532	Grünenthal GmbH
		2019306477	Alkahest, Inc.
		2019309448	Domain Therapeutics
		2019313547	Mucosa Innovations, S.L.
		2019314714	Blue Bean Medical Limited

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2019317576	The Toro Company	2021243461	F. HOFFMANN-LA ROCHE AG; NCL New Concept Lab GmbH
2019319228	ESS Tech, Inc.	2021244309	Boston Scientific Scimed, Inc.
2019320238	Nanjing Chervon Industry Co., Ltd.	2021249958	Rensselaer Polytechnic Institute; Otsuka Pharmaceutical Factory, Inc.; Kirin Biomaterials Co., Ltd.
2019323735	Gripple Limited	2021252516	PRC-DeSoto International, Inc.
2019326312	Halliburton Energy Services, Inc.	2021268917	International Business Machines Corporation
2019326391	Shamir Optical Industry Ltd.	2021275460	Theion GmbH
2019332079	Selo Medical GmbH	2021276853	iRegene Therapeutics LTD
2019334682	InstrAction GmbH	2021286356	Valagro S.p.A.
2019336167	Theravance Biopharma R&D IP, LLC	2021293887	Dickinson Corporation
2019340598	Hanmi Pharmaceutical Co., Ltd.	2021295385	Kraft Foods Schweiz Holding GmbH
2019343906	TerraPower, LLC	2021300461	ZTE Corporation
2019349745	Academisch Ziekenhuis Leiden (h.o.d.n. LUMC)	2021301062	Nokia Technologies Oy
2019350694	salesforce.com, inc.	2021306388	Haier Smart Home Co., Ltd.; Qingdao Haier Refrigerator Co., Ltd; Haier US Appliance Solutions, Inc.
2019351949	O3 ZONE LIMITED	2021306693	Strix (China) Limited
2019354855	Bio Minerals N.V.	2021306981	Lantech.com, LLC
2019360744	igloocompany Pte. Ltd.	2021310432	Nordischer Maschinenbau Rud. Baader GmbH + Co. KG; Linde GmbH
2019363554	Plasser & Theurer Export von Bahnbaumaschinen GmbH	2021318151	Google LLC
2019366967	Somnio Global Holdings, LLC	2021322676	Vallourec Oil and Gas France
2019370538	ZTE Corporation	2021323851	ShanghaiTech University
2019372515	Sumitomo Electric Industries, Ltd.	2021326917	JIANGSU CHIA TAI FENGHAI PHARMACEUTICAL CO., LTD.
2019373324	Boehringer Ingelheim International GmbH	2021333269	Zebra Technologies Corporation
2019377274	University of Johannesburg	2021336413	Landscape Structures Inc.
2019381820	WEG Surgical Solutions, LLC	2021337517	Pulse Biosciences, Inc.
2019389102	2PI-Sigma Corp.	2021344703	SUZHOU BOTREE CYCLING SCI & TECH CO., LTD
2019400451	Toray Industries, Inc.	2021348788	CHUGOKU MARINE PAINTS, LTD.
2019406505	Eli Lilly and Company	2021350567	Boston Scientific Medical Device Limited
2019426333	Koenig & Bauer Banknote Solutions SA	2021350657	Beijing Tianma Intelligent Control Technology Co., Ltd.; CCTEG Beijing Tianma Intelligent Control Technology Co., Ltd.
2019475975	Colgate-Palmolive Company	2021353410	Centripetal Limited
2019478729	Hill's Pet Nutrition, Inc.	2021354395	INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD; INNER MONGOLIA DAIRY TECHNOLOGY RESEARCH INSTITUTE CO., LTD
2020209356	Shiok Meats Pte. Ltd.	2021355576	CCTEG XI'AN RESEARCH INSTITUTE (GROUP) CO., LTD
2020213443	Oorym Optics Ltd.	2021358752	NEXTRACKER LLC
2020213847	Dentsply Sirona Inc.; Sirona Dental Systems GmbH	2021363405	QINGDAO HAIER SPECIAL REFRIGERATION ELECTRIC APPLIANCE CO., LTD.; HAIER SMART HOME CO., LTD.
2020214696	Dentsply Sirona Inc.; Sirona Dental Systems GmbH	2021369792	BELKIN VISION LTD.
2020216085	Solar Turbines Incorporated; Brigham Young University	2021373379	Bar, H.
2020222242	Newclip International	2021376307	24/7 PIZZA BOX, LLC
2020223031	Ambrx, Inc.	2021378007	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2020236351	Halliburton Energy Services, Inc.	2021386877	LI, S.X.; TANG, Y.
2020247549	Douglas Pharmaceuticals Ltd.	2021395353	ASTRAZENECA AB; MITSUBISHI TANABE PHARMA CORPORATION
2020265209	Morrissey, S.	2021397180	ZEBRA TECHNOLOGIES CORPORATION
2020286195	Ronstan International Pty Ltd	2021398250	ASAHI KASEI KABUSHIKI KAISHA
2020293078	MSA Technology, LLC	2021404394	INTERNATIONAL BUSINESS MACHINES CORPORATION
2020297175	Giken Ltd.	2021405856	HYDROGEN MEM-TECH AS
2020304520	Crystal Lagoons Technologies, Inc.	2021419776	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2020311511	Beijing Solobio Genetechnology Co., Ltd.	2021427255	NINGBO INSTITUTE OF MATERIALS TECHNOLOGY AND ENGINEERING, CHINESE ACADEMY OF SCIENCES
2020340411	Itron, Inc.	2021427809	MITSUBISHI ELECTRIC CORPORATION
2020348602	Longhorn Vaccines and Diagnostics, LLC	2022200888	Ocado Innovation Limited
2020401034	Eli Lilly and Company	2022201441	RADIUS PHARMACEUTICALS, INC.
2020413260	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2022201993	Alnylam Pharmaceuticals, Inc.
2020414748	Wing Aviation LLC	2022202093	Saudi Arabian Mining Company (Ma'aden)
2020423361	MGI Tech Co., Ltd.	2022202432	General Electric Company
2020431001	GC Corporation	2022202541	Pesense Pty L td
2020440744	Shanghai ZJ Bio-Tech Co., Ltd.	2022202827	Wing Aviation LLC
2020464522	Huawei Technologies Co., Ltd.	2022203146	The General Hospital Corporation
2020482152	Zarate, Y.	2022203618	Stalicia SA
2021200007	Seattle Children's Hospital (dba Seattle Children's Research Institute)	2022204038	3M Innovative Properties Company
2021201233	GlaxoSmithKline Biologicals SA		
2021201504	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL); ANOKION SA		
2021202413	Genentech, Inc.		
2021204129	Mars, Incorporated		
2021207941	Sharkgulf Technology (Qingdao) Co., Ltd.		
2021210966	Rite-Hite Holding Corporation		
2021211840	ASC Regenity Ltd		
2021215717	Eli Lilly and Company		
2021221177	TetraVision, LLC		
2021227209	Interscope, Inc.		
2021235966	Isgar, C.		
2021240134	Jumpcode Genomics, Inc.		
2021240647	Foshan Tiansi Hardware Co., Ltd		
2021241514	CONVATEC INC.		

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2022204261	Sedana Medical Limited	2023200226	Wu, M.
2022204319	LG ELECTRONICS INC.	2023200611	The Scripps Research Institute
2022204324	The Children's Hospital of Philadelphia	2023200734	Halliburton Energy Services, Inc.
2022204355	The Children's Hospital of Philadelphia	2023200930	Kraft Foods Schweiz Holding GmbH
2022204356	Buffalo Filter LLC	2023200957	Einhell Germany AG
2022204360	INGURAN, LLC	2023201410	Getac Technology Corporation
2022204450	Virginia Commonwealth University; Durect Corporation; The United States Government as represented by The Department of Veteran Affairs	2023201519	DEKA Products Limited Partnership
2022204500	F. Hoffmann-La Roche AG	2023201605	Pulmokine, Inc.; Gilead Sciences, Inc.
2022204742	Meso Scale Technologies, LLC	2023202206	Speedrack Co., Ltd.
2022204803	TRACTO-TECHNIK GmbH & Co. KG	2023202350	Shionogi & Co., Ltd.
2022204814	iRobot Corporation	2023202586	ServiceNow, Inc.
2022204842	Oakbio Inc.	2023202724	Colgate-Palmolive Company
2022204874	B. Braun Melsungen AG	2023202841	Cypher Medical, LLC
2022205142	The Children's Hospital of Philadelphia	2023202876	Heron Therapeutics, Inc.
2022205206	ConMed Corporation	2023203328	Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd; nthalmic holding pty ltd
2022205221	Research Triangle Institute	2023203329	JVCKENWOOD Corporation
2022205247	Meetin, R.	2023203409	Intuit Inc.
2022209299	Dolby International AB	2023203468	KAO, H.S.; CHANG, C.P.
2022209391	UNILEVER GLOBAL IP LIMITED	2023203737	Entos Pharmaceuticals Inc.
2022211800	Mallinckrodt Pharmaceuticals Ireland Limited	2023203937	FLOWSERVE PTE. LTD.
2022212419	SERCEL	2023204284	Kawasaki Jukogyo Kabushiki Kaisha
2022215285	University of Connecticut; Joslin Diabetes Center, Inc.	2023206139	Edwards Lifesciences Corporation
2022219906	NETFLIX, INC.	2023206145	The NOCO Company
2022221395	SUPERSONIC IMAGINE	2023206188	Frontier Therapeutics Limited
2022221479	LG ELECTRONICS INC.	2023210669	NEC Corporation
2022222030	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	2023210876	Apple Inc.
2022224605	GOLFTEC ENTERPRISES, LLC	2023212966	Apple Inc.
2022224699	Amgen Inc.	2023214233	NO.3 ENGINEERING CO., LTD. OF CCCC THIRD HARBOR ENGINEERING CO., LTD.; CCCC THIRD HARBOR ENGINEERING CO., LTD.; CENTRAL SOUTH UNIVERSITY
2022224788	Factor Bioscience Inc.	2023216876	Huawei Technologies Co., Ltd.
2022227000	BRISTOL-MYERS SQUIBB COMPANY	2023222985	KDB INTELLECTUAL PTY LTD
2022228391	YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD.	2023226748	REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD
2022231270	NUOVO PIGNONE TECNOLOGIE - S.R.L.	2023241343	Fraunhofer-Gesellschaft zur Förderung der ange- wandten Forschung e.V.
2022231648	Arrinex, Inc.	2023261894	WUNDERMIX GMBH
2022235610	Wix.com Ltd.	2023304118	WM DEVELOPMENTS PTY LTD
2022236196	SENSILE MEDICAL AG	2023374723	OLEON NV
2022239445	3R Life Sciences Corporation	2024201019	Sage Products, LLC
2022240495	LIQUI-BOX CORPORATION	2024201731	GE Video Compression, LLC
2022241483	Evolved by Nature, Inc.	2024201863	DONGGUAN TAIHONG PACKAGING CO., LTD
2022241488	Smiths Medical ASD, Inc.	2024202906	TRINA SOLAR CO., LTD.
2022252766	LEO Pharma A/S	2024203222	Ruff, S.
2022259711	Advanced Global Clinical Solutions Inc.	2024203260	Burton, D.
2022259781	Loxo Oncology, Inc.	2024203609	Saravis, D.
2022263899	FUJIFILM CORPORATION	2024205229	LINEAGE LOGISTICS, LLC
2022266145	COOPERVISION INTERNATIONAL LIMITED	2024205652	Abbott Diabetes Care Inc.
2022268290	Reflex Instruments Asia Pacific Pty Ltd		
2022269593	TMP LABS, INC.		
2022274992	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.		
2022275440	Loxo Oncology, Inc.		
2022275478	Seagen, Inc.		
2022275525	Adobe Inc.		
2022277464	HUAWEI TECHNOLOGIES CO., LTD.		
2022279541	Becton, Dickinson and Company		
2022280352	UMICORE		
2022291450	LG Electronics Inc.		
2022291599	Becton, Dickinson and Company		
2022298331	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION		
2022316872	CALIFORNIA NORTHSTATE COLLEGE OF PHAR- MACY, LLC		
2022341084	INSTITUTE OF AGRO-PRODUCTS PROCESSING SCIENCE AND TECHNOLOGY, SICHUAN ACADEMY OF AGRICULTURAL SCIENCES		
2022371178	SHOCKWAVE MEDICAL, INC.		
2022388574	AUDEO LLC		
2022432980	SCIENCE CO.,LTD.		
2023200030	SWANSON TECHNOLOGIES CORPORATION		
2023200051	Hunter Douglas, Inc.		
2023200199	Metso Sweden AB		

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2018229069	2019209911	2018387159	2020213847	2021326917	2017248731
<u>A01D 34 /-</u>	<u>A23K 10 /-</u>	<u>A47J 43 /-</u>	<u>A61D 19 /-</u>	2021395353	2017301901
2019317576	2019209911	2018346857	2022204360	2022201441	2018367606
2019320238	2022204842	2023261894	<u>A61D 7 /-</u>	2022204324	2022224788
<u>A01G 25 /-</u>	<u>A23K 20 /-</u>	<u>A47K 3 /-</u>	2019283461	2022204355	2022263899
2018322428	2022298331	2018326280	2019301511	2022204450	<u>A61K 51 /-</u>
<u>A01G 31 /-</u>	<u>A23K 50 /-</u>	<u>A47L 11 /-</u>	<u>A61F 13 /-</u>	2022205142	2022228391
2021286356	2019478729	2019288659	2017443643	2022205221	<u>A61K 8 /-</u>
<u>A01G 9 /-</u>	<u>A23L 2 /-</u>	<u>A47L 9 /-</u>	2019366967	2022252766	2018332816
2018229069	2019277659	2022204814	<u>A61F 2 /-</u>	2022259781	2019251579
2019234231	<u>A23L 23 /-</u>	<u>A61B 1 /-</u>	2019332079	2022263899	2019354855
<u>A01K 67 /-</u>	<u>A23L 29 /-</u>	2021244309	2019351949	2022275440	2021211840
2021202413	2019251815	2023203468	<u>A61K 33 /-</u>	2023201605	<u>A61K 9 /-</u>
<u>A01M 1 /-</u>	<u>A23L 3 /-</u>	<u>A61B 17 /-</u>	2017301901	2023202350	2018317188
2022202541	2019251815	2018354095	2019239035	2023202876	2019251579
<u>A21C 11 /-</u>	<u>A23L 3 /-</u>	2020222242	2019306477	2023203737	2019354855
2019202372	2022341084	2021227209	2021276853	<u>A61K 35 /-</u>	2020247549
<u>A21D 10 /-</u>	2023200030	2022205206	<u>A61K 36 /-</u>	2017301901	2022201441
2019251815	<u>A23L 33 /-</u>	2022371178	2019313547	2019239035	2022259781
<u>A21D 13 /-</u>	2018319701	<u>A61B 18 /-</u>	2019351949	2019306477	2022263899
2021354395	2021354395	2019400451	<u>A61K 38 /-</u>	2021276853	2022275440
2019251815	<u>A41D 1 /-</u>	2021337517	2019332079	<u>A61K 39 /-</u>	2023202876
<u>A21D 2 /-</u>	2018344763	2022204356	2019351949	2018301399	<u>A61L 15 /-</u>
2019251815	<u>A46B 15 /-</u>	2022231648	<u>A61F 9 /-</u>	2019306477	2019366967
<u>A22C 17 /-</u>	2023202724	<u>A61B 5 /-</u>	2021369792	2022241483	<u>A61L 2 /-</u>
2021310432	<u>A46B 7 /-</u>	2020214696	<u>A61G 7 /-</u>	2022241483	2019239007
<u>A23C 9 /-</u>	2019475975	2022259711	2023206188	2018301399	2020401034
2021354395	<u>A46B 9 /-</u>	2023210876	<u>A61J 1 /-</u>	2019306477	2023200030
<u>A23D 7 /-</u>	2023202724	2024203260	2018260920	2022241483	<u>A61M 1 /-</u>
2019251815	<u>A47B 47 /-</u>	2024205652	2019301511	2018306614	2018355224
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2019251815	<u>A47D 13 /-</u>	2019239007	<u>A61K 31 /-</u>	2018351006	<u>A61M 16 /-</u>
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2021204129	<u>A47G 1 /-</u>	<u>A61B 8 /-</u>	2018326364	2021200007	2022204261
<u>A23J 1 /-</u>	2022204038	2022221395	2018337761	2021201233	2022211800
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2021354395	2021306693	2019295765	2019211458	2021202413	2018352587
		2019297309	2019226586	2022215285	2019400451
		2019297314	2019251579	2022275478	2021241514
		2019297421	2019271126	2023203737	2022204360
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		2019309448	2019295765	2020247549	2022241488
		2019313547	2019297309	2022228391	2022371178
		2019332079	2019297314	<u>A61K 47 /-</u>	<u>A61M 27 /-</u>
		2019336167	2019297421	2018317188	2021241514
		2019340598	2019304532	2019332079	<u>A61M 39 /-</u>
		2019354855	2019309448	2019354855	2021350567
		2019373324	2019313547	2020223031	2022204874
		2020247549	2019332079	2022263899	
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2019271196	2019373324				2022202827
2019301284		<u>A63G 31 /-</u>	<u>B05B 1 /-</u>	2019203640	
2019381820	<u>A61P 3 /-</u>	2021336413	2022432980	<u>B60K 1 /-</u>	<u>B64C 29 /-</u>
2021215717	2019271126				2018282490
2022236196	2022215285	<u>A63G 9 /-</u>	<u>B07B 1 /-</u>	2019213323	2020414748
2022241488		2021336413	2023200199	<u>B60L 3 /-</u>	<u>B64C 39 /-</u>
2022279541	<u>A61P 31 /-</u>				
2022291599	2019332079	<u>B01D 29 /-</u>	<u>B21B 1 /-</u>	2019363554	2018282490
	2020311511	2019334682	2019247464	<u>B60L 53 /-</u>	2021373379
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2018352587	2023202350	<u>B01D 45 /-</u>	<u>B25B 13 /-</u>	2018355224	<u>B64D 1 /-</u>
2022239445		2018364661	2018299422	<u>B60N 2 /-</u>	2022202827
<u>A61N 1 /-</u>	<u>A61P 35 /-</u>	<u>B01D 53 /-</u>	<u>B25B 23 /-</u>	2019200460	<u>B64D 27 /-</u>
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<u>A61N 5 /-</u>	2019289398	2022204356	<u>B25B 31 /-</u>	2019200460	<u>B64D 33 /-</u>
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	2019351949	<u>B01D 63 /-</u>	2019296986	<u>B60T 7 /-</u>	2018364661
	2020223031	2021405856			
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	2021323851		2019283302		
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2022215285	2022259781		2019296986	2019257384	<u>B65B 45 /-</u>
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2019313547	2023202350	<u>B01F 35 /-</u>	2021310432	2020482152	<u>B65D 1 /-</u>
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2019297309	2018326364	2017379872		2023204284	<u>B65D 37 /-</u>
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2019271126	2019354855				
2019295765	<u>A61Q 19 /-</u>	<u>B01J 20 /-</u>			
2019297309	2019251579	2019334682			
2019297314	2021211840				
2019306477		<u>B01J 29 /-</u>			
2019309448	<u>A62C 3 /-</u>	2018376764			
2021276853	2021373379				
2022204324	<u>A63B 24 /-</u>	2018376764			
2022204355	2022205247				
2022205142					
2022205221					

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2021215717	2019202422 2019232219	<u>C05B 3 /-</u>	<u>C07D 241 /-</u>		<u>C08J 3 /-</u>
<u>B65D 51 /-</u>		2022202093	2021395353	<u>C07D 491 /-</u>	2018385899
2022240495	<u>C01B 17 /-</u>	<u>C07C 13 /-</u>	<u>C07D 263 /-</u>	2019295765	<u>C08L 23 /-</u>
<u>B65D 61 /-</u>	2022202093	2021395353	2021395353	<u>C07D 493 /-</u>	2019298225
2020413260	<u>C01B 21 /-</u>	<u>C07C 213 /-</u>	<u>C07D 275 /-</u>	2021395353	<u>C08L 89 /-</u>
<u>B65D 73 /-</u>	2018376764 2022202093	2019297421	2021395353	<u>C07D 495 /-</u>	2022241483
2019303909	<u>C01B 25 /-</u>	<u>C07C 217 /-</u>	<u>C07D 307 /-</u>	2019309448	<u>C09B 69 /-</u>
<u>B65D 75 /-</u>	2022202093	2019297421	2021395353	<u>C07H 1 /-</u>	2019262607
2019301511 2019303909	<u>C01B 3 /-</u>	<u>C07C 219 /-</u>	<u>C07D 309 /-</u>	2019271126	<u>C09D 1 /-</u>
<u>B65D 77 /-</u>	2021405856	2022263899	2019271126	<u>C07H 15 /-</u>	2019262088
2022240495	<u>C01B 32 /-</u>	<u>C07C 229 /-</u>	<u>C07D 311 /-</u>	2019271126	<u>C09D 167 /-</u>
<u>B65D 81 /-</u>	2021293887 2022269593	2019297309 2019297314	2019262607	<u>C07H 19 /-</u>	2021348788
2018260920	<u>C01B 7 /-</u>	<u>C07C 235 /-</u>	<u>C07D 333 /-</u>	2023200611	<u>C09D 183 /-</u>
<u>B65D 83 /-</u>	2022202093	2021395353	2021395353	<u>C07H 21 /-</u>	2019262607
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<u>B65D 85 /-</u>	2019343906	2022205221	2019309448 2019373324 2021323851	<u>C07K 1 /-</u>	2021348788
2020413260	<u>C01F 11 /-</u>	<u>C07C 31 /-</u>	<u>C07D 403 /-</u>	2020401034 2022228391	<u>C09D 7 /-</u>
<u>B65F 1 /-</u>	2019237203 2022202093	2019293885	2019295765 2019309448	<u>C07K 14 /-</u>	2021348788
2024203222	<u>C01F 5 /-</u>	2019293885	<u>C07D 405 /-</u>	2017277600 2018301399 2018346955 2019226586 2021200007 2021201233 2021202413	<u>C09K 5 /-</u>
<u>B65G 1 /-</u>	2019343906	<u>C07C 69 /-</u>	2019295765 2019309448 2021323851	2017277600 2018301399 2018346955 2019226586 2021200007 2021201233 2021202413	2018377858 2019261937 2019343906 2023374723
2022200888 2024205229	<u>C02F 1 /-</u>	2019293885	<u>C07D 207 /-</u>	<u>C07K 16 /-</u>	<u>C10L 5 /-</u>
<u>B65G 17 /-</u>	2019334682 2020304520	<u>C07D 207 /-</u>	<u>C07D 413 /-</u>	2021293887	
2018367922	<u>C02F 101 /-</u>	2022275478	2019309448	2017248731 2017277600 2018351006 2019406505 2020311511 2021200007 2021201233 2021202413 2022204500	<u>C10M 171 /-</u>
<u>B65G 47 /-</u>	2019334682	<u>C07D 209 /-</u>	<u>C07D 417 /-</u>	2019261937	
2018229069 2018330916	<u>C04B 103 /-</u>	2019251579	2019289398 2019295765	<u>C11D 1 /-</u>	
<u>B65G 54 /-</u>	2019237203	<u>C07D 213 /-</u>	<u>C07D 451 /-</u>	2019300158 2022209391	
2018330916	<u>C04B 111 /-</u>	2021395353	2019295765	<u>C11D 3 /-</u>	
<u>B65G 69 /-</u>	2019262088	<u>C07D 231 /-</u>	<u>C07D 471 /-</u>	2019300158 2022209391	
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<u>B65H 19 /-</u>	2019262088	<u>C07D 233 /-</u>	<u>C07D 475 /-</u>	<u>C07K 7 /-</u>	
2023200930	<u>C04B 28 /-</u>	2022205221	2019297309 2019297314	2017396004 2018320713 2018371980 2021243461 2022224699	
<u>B65H 35 /-</u>	2019237203 2019262088	<u>C07D 237 /-</u>	<u>C07D 475 /-</u>	<u>C08G 77 /-</u>	
2019269124	<u>C04B 40 /-</u>	2019373324 2021395353	2019297309 2019297314	2019262607	<u>C12M 3 /-</u>
<u>B66D 1 /-</u>	2019237203	<u>C07D 239 /-</u>	<u>C07D 487 /-</u>	<u>C08J 11 /-</u>	2022316872
2020286195	<u>C04B 41 /-</u>	2019340598 2021395353	2019251579 2019304532 2021395353	2019293885	<u>C12N 1 /-</u>
<u>B66F 9 /-</u>	2019262088				2018210554

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2018371980		<u>E02D 17 /-</u>	<u>E21B 10 /-</u>	<u>F03B 13 /-</u>	<u>F16L 101 /-</u>
2020348602	<u>C13B 5 /-</u>	2019243183	2022204803	2018364661	2021322676
2022204842	2018367922	<u>E02D 29 /-</u>	<u>E21B 17 /-</u>	<u>F03B 3 /-</u>	<u>F16L 13 /-</u>
2022298331		2019243183	2021355576	2018364661	2021363405
<u>C12N 15 /-</u>	<u>C21C 7 /-</u>		2022204803		
2017248731	2022280352	<u>E03C 1 /-</u>	<u>E21B 19 /-</u>	<u>F03G 7 /-</u>	<u>F16L 21 /-</u>
2017373797		2018326280		2021221177	2021363405
2018210554	<u>C21D 8 /-</u>	<u>E03F 5 /-</u>	<u>E21B 23 /-</u>	<u>F04B 15 /-</u>	<u>F16L 33 /-</u>
2018221814	2019247464	2018326280	2023226748	2022231270	2019207187
2018224302		<u>E04B 1 /-</u>		<u>F04B 37 /-</u>	2021363405
2018338808	<u>C22B 1 /-</u>	2018326280	2018435946	<u>F04B 39 /-</u>	
2018367606	2022280352	<u>E04B 2 /-</u>	2020236351		<u>F16L 37 /-</u>
2019239035		2023304118	2022268290	2022231270	2021350567
2020209356	<u>C22B 23 /-</u>	<u>E04B 1 /-</u>	2023226748		
2021286356	2021344703	<u>E04C 1 /-</u>	<u>E21B 25 /-</u>	<u>F04B 53 /-</u>	<u>F16L 5 /-</u>
2022203146	2022280352	2019243183	2022268290	2022231270	2019272803
2022224788		<u>E04F 10 /-</u>		<u>F04B 7 /-</u>	<u>F16L 55 /-</u>
2022298331	<u>C22B 26 /-</u>	2019243183	<u>E21B 33 /-</u>		2021322676
2023200611	2021344703	2019243183	2020236351	<u>F04B 7 /-</u>	<u>F16L 59 /-</u>
2023203737		<u>E04H 15 /-</u>	2022204803		
<u>C12N 5 /-</u>	<u>C22B 7 /-</u>	2019203640	<u>E21B 34 /-</u>	2022291599	2022204319
2018304802	2021344703	<u>E05B 39 /-</u>		<u>F04D 25 /-</u>	<u>F23D 14 /-</u>
2018320713	2022280352	2019203640	<u>E21B 41 /-</u>	2023200226	2022202432
2020209356		<u>E05B 39 /-</u>		<u>F16B 31 /-</u>	
2021200007	<u>C22C 38 /-</u>	2023222985	<u>E21B 47 /-</u>	2018299422	<u>F24F 11 /-</u>
2021276853	2021386877	<u>E05B 47 /-</u>	2022268290	<u>F16B 35 /-</u>	2019229387
2022224699		2023222985	2023200734		2021427809
<u>C12N 7 /-</u>	<u>C25B 1 /-</u>	<u>E05B 63 /-</u>	2023226748	2023304118	<u>F24S 10 /-</u>
2019239035	2021398250	2023222985	<u>E21D 9 /-</u>	<u>F16B 37 /-</u>	2018367056
<u>C12N 9 /-</u>	<u>C25B 15 /-</u>	2023222985		2023200199	<u>F24S 20 /-</u>
2017373797	2021398250	<u>E05B 65 /-</u>	<u>F01K 3 /-</u>	<u>F16B 5 /-</u>	2018367056
2021200007		2023222985	2018403511		
2022203146	<u>C25B 9 /-</u>	<u>E05B 67 /-</u>	2023214233	<u>F16B 5 /-</u>	<u>F24S 40 /-</u>
2022298331	2021398250	2019274937	<u>F02C 7 /-</u>	2023200199	<u>F24S 40 /-</u>
<u>C12P 19 /-</u>	<u>D06F 34 /-</u>	<u>E05C 1 /-</u>		<u>F16D 49 /-</u>	2018367056
2021249958	2018412043	2019360744	<u>F02D 41 /-</u>	<u>F16D 49 /-</u>	
<u>C12P 21 /-</u>	<u>D06M 15 /-</u>	<u>E05D 15 /-</u>	2018364661	2018322428	<u>F25C 1 /-</u>
2022224699		2023222985	2022202432		2021306388
<u>C12P 5 /-</u>	<u>D07B 1 /-</u>	<u>E05D 15 /-</u>	<u>F02M 53 /-</u>	<u>F16D 65 /-</u>	2022221479
2022298331	2022241483	2018363644		2018322428	
<u>C12Q 1 /-</u>	<u>D07B 5 /-</u>	<u>E05F 15 /-</u>	<u>F02N 11 /-</u>	<u>F16G 11 /-</u>	<u>F25C 5 /-</u>
2017379872	2018362047	2018363644	2019274937	2019323735	2021306388
2017396004		<u>E05F 15 /-</u>	<u>F03B 11 /-</u>	<u>F16J 15 /-</u>	<u>F25D 11 /-</u>
2018221814	<u>E01B 2 /-</u>	2018363644			
2018224302	2018403511	<u>E05F 5 /-</u>	2022202432	<u>F16K 11 /-</u>	2021306388
2018236166		2018363644	2018415357	2023203937	2021363405
2018338808	<u>E01B 27 /-</u>	<u>E06B 9 /-</u>	<u>F03B 11 /-</u>		
2019233794	2019363554	2021240647		<u>F16K 31 /-</u>	2021306388
2019389102		<u>E01F 15 /-</u>	<u>F03B 11 /-</u>	2019274937	2022204319
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2021240134					
2022203618					
2023203737					
<u>C13B 10 /-</u>					
2018367922					

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<u>F28D 1 /-</u>	2022204742 2022316872 2023203737	2022235610 2023201410 2023201519	<u>G06T 11 /-</u>	2021275460 2022280352	2022277464
2018367056			2022275525		<u>H04N 19 /-</u>
<u>F28D 20 /-</u>	<u>G01N 35 /-</u>	<u>G06F 16 /-</u>	<u>G06T 7 /-</u>	<u>H01M 4 /-</u>	2022219906
2018377858 2019304143	2022204742	2019232830 2019289140 2019350694 2023201410 2023214233	2018379393 2021369792 2022224605 2022227000 2022275525 2024205229	2021275460 2021427255	2023203329 2023216876
<u>F28F 13 /-</u>	<u>G01R 31 /-</u>			<u>H01M 50 /-</u>	<u>H04N 21 /-</u>
2019304143	2022222030 2023200957			2019213323	2019260722 2021378007 2022219906
<u>F28F 27 /-</u>	<u>G01S 13 /-</u>	<u>G06F 21 /-</u>	<u>G06V 10 /-</u>	<u>H01M 8 /-</u>	
2019304143	2019272806	2018354975 2019221323 2021268917 2021300461 2021419776 2022388574	2022227000 2022274992	2019319228	<u>H04S 7 /-</u>
<u>G01B 11 /-</u>	<u>G01S 15 /-</u>		<u>G06V 20 /-</u>	<u>H01R 13 /-</u>	2021207941
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<u>G01B 21 /-</u>	<u>G01S 7 /-</u>	<u>G06F 3 /-</u>		<u>H01S 3 /-</u>	2018443808 2020340411
2021322676	2019272806	2021207941 2022388574 2023210876	<u>G07F 11 /-</u>	2021369792	<u>H04W 72 /-</u>
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2021350657	2022212419	<u>G06F 40 /-</u>	<u>G07F 17 /-</u>	<u>H02J 7 /-</u>	<u>H04W 8 /-</u>
<u>G01C 22 /-</u>	<u>G02B 27 /-</u>	2023202586	2021376307	2018415357 2023200957 2023206145	2018442180
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<u>G01F 22 /-</u>	<u>G02B 6 /-</u>	2023202586	2019290965	2022222030	2019304143
2022211800	2018360319 2019372515	<u>G06K 19 /-</u>	<u>G08B 21 /-</u>		
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2019288659 2023210669	2021333269	<u>G06N 10 /-</u>	<u>G09B 23 /-</u>	2023200051	
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<u>G01M 11 /-</u>	<u>G02F 1 /-</u>	2021268917 2023203409	2021207941 2022209299 2023241343	<u>H03M 7 /-</u>	
2019219296	2022205247	<u>G06N 3 /-</u>	<u>G16B 30 /-</u>	2024201731	
<u>G01N 1 /-</u>	<u>G03B 3 /-</u>	2022275525	2020440744	<u>H04B 7 /-</u>	
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<u>G01N 27 /-</u>	<u>G05D 1 /-</u>	2019202422 2019350694 2021235966	2019271196	<u>H04L 5 /-</u>	
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<u>G01N 33 /-</u>	<u>G06F 1 /-</u>	2019221323 2019289140 2021300461 2023212966	2023201519	<u>H04L 61 /-</u>	
2018236166 2019233794 2019377274 2019389102 2020348602 2022203618	2019304143 2023210876	<u>G06Q 50 /-</u>	<u>G21G 1 /-</u>	2021353410	
	<u>G06F 13 /-</u>	2019289140	2018333280	<u>H04L 9 /-</u>	
	2022388574		<u>H01L 31 /-</u>	2018354975 2019289140 2021268917 2021397180	
	<u>G06F 15 /-</u>		<u>H01M 10 /-</u>		

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Dismissed

2021277716 **FISHER & PAYKEL HEALTHCARE LIMITED** (ResMed Pty Ltd)

Patents Granted

Standard Patents

2016405754 2017218415 2017220012 2017227803
 2017232546 2017234929 2017238218 2017248682
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Patents Granted

Standard Patents

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 2021341778 2021342061 2021342362 2021343288
 2021343381 2021344568 2021349118 2021350781
 2021353034 2021355374 2021355468 2021356264
 2021360289 2021363719 2021364424 2021369170

Patents Granted

Standard Patents

2021372729	2021373575	2021377556	2021378062
2021380945	2021386290	2021386880	2021391477
2021391751	2021394613	2021395264	2021405485
2021405506	2021407849	2021408195	2021408227
2021413086	2021417688	2021425469	2021435254
2021454211	2021460326	2021469729	2022200005
2022200050	2022200060	2022200207	2022200570
2022200583	2022200646	2022200990	2022201266
2022201391	2022201578	2022201656	2022201855
2022202023	2022202055	2022202219	2022202227
2022202299	2022202359	2022202446	2022202494
2022202605	2022202620	2022202843	2022202949
2022203085	2022203375	2022203487	2022203488
2022203767	2022203796	2022204053	2022204207
2022204212	2022204213	2022204271	2022204311
2022204463	2022204470	2022204567	2022204638
2022204732	2022204796	2022204909	2022204998
2022205254	2022206685	2022206763	2022206780
2022209319	2022210883	2022215158	2022215187
2022215216	2022216707	2022216817	2022218456
2022218483	2022218507	2022218526	2022218530
2022221457	2022221534	2022221553	2022224762
2022224816	2022224822	2022224824	2022224834
2022224855	2022228122	2022228157	2022231716
2022231787	2022242751	2022246445	2022252835
2022253500	2022255297	2022256162	2022256187
2022259710	2022259716	2022259772	2022259847
2022263295	2022263581	2022265163	2022268309
2022271393	2022271400	2022271422	2022271439
2022272301	2022272724	2022275169	2022275392
2022275579	2022279469	2022283413	2022283668
2022285256	2022287539	2022287634	2022291496
2022291605	2022291610	2022301541	2022304690
2022306258	2022316043	2022328252	2022328323
2022331912	2022332691	2022335439	2022344804
2022350920	2022362306	2022402780	2022408255
2023200058	2023200097	2023200151	2023200200
2023200312	2023200407	2023200473	2023200504
2023200725	2023200820	2023200956	2023200984
2023200986	2023201011	2023201126	2023201167
2023201289	2023201375	2023201526	2023201537
2023201563	2023201595	2023201604	2023201866
2023201966	2023202215	2023202447	2023202639
2023202688	2023202827	2023202848	2023203057
2023203142	2023203233	2023203570	2023203681
2023203788	2023203796	2023204012	2023204093
2023204396	2023209797	2023210685	2023222970
2023233328	2023241291	2023251484	2023252691
2023282124	2023285748	2023316923	2023336078
2024200412	2024200691	2024201277	2024202183

Innovation Patents

2024100025 2024100026

Assignments Registered

2005278108 Dialight Corporation The patent has been assigned to **LEOTEK Electronics USA LLC**

2009228568 Dialight Corporation The patent has been assigned to **LEOTEK Electronics USA LLC**

2009229405 Universal Entertainment Corporation; Aruze Gaming America, Inc. The patent has been assigned to **Empire Technological Group Limited**

2009285547 Taiga Biotechnologies (ABC), LLC The patent has been assigned to **HTYR ACQUISITION LLC**

Assignments Registered

2009346230 Caterpillar Global Mining LLC; Siemens Industry, Inc.; Innomotics GmbH. The patent has been assigned to **Caterpillar Global Mining LLC; Innomotics GmbH; Innomotics LLC**

2010281436 Nocicepta LLC The patent has been assigned to **TONIX PHARMA LIMITED.**

2012216462 Taiga Biotechnologies (ABC), LLC The patent has been assigned to **HTYR ACQUISITION LLC**

2016374474 Reece Innovation Centre Limited The patent has been assigned to **Water Intelligence International Ltd**

2017206267 McNeill, Paul The patent has been assigned to **McNeill, Paul; Blackburn, Mark; McNeil, Tom**

2017215445 8996598 Canada Inc. The patent has been assigned to **15814057 Canada Inc.**

2017307919 Institutt for Energiteknikk The patent has been assigned to **Sunphade AS**

2017360115 Cross, Timothy Philip The patent has been assigned to **XLOO LIMITED**

2018392616 Ribon Therapeutics Inc. The patent has been assigned to **Abbvie Biotechnology LTD**

2021204728 Institutt for Energiteknikk The patent has been assigned to **Sunphade AS**

2021384232 Mofid, Mehrdad The patent has been assigned to **SYLKE, INC.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

The following application(s) for Extension of Term under Section 70 have been made and are open for public inspection.

2011234398 **OGEDA SA**

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

For the goods VEOZA fezolinetant

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.

2011234398 **OGEDA SA**

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

For the goods VEOZA fezolinetant

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

Applications Withdrawn

The following application(s) for Extension of Term have been withdrawn under Section 73.

2021202327 **Gilead Pharmasset LLC**

The earliest first regulatory approval date provided by the patentee 30 Jun 2014

For the goods SOVALDI sofosbuvir

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2012339734 **Boehringer Ingelheim International GmbH**

The earliest first regulatory approval date provided by the patentee 24 Nov 2023

For the goods SPEVIGO spesolimab

Extension of Term of patent pursuant to Section 77 expires on 14 Nov 2037

Specifications Republished

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

2017292934 **The Board of Trustees of the Leland Stanford Junior University; Bolt Biotherapeutics, Inc.**
2018229424 **Smart Sinks Pty Ltd**
2019230645 **Sofi Filtration Oy**
2019253774 **Austin Engineering Limited**
2019374890 **MAKO Surgical Corp.**
2021294340 **The University of Southern California**
2023200340 **Nippon Steel Corporation**
2023200342 **Nippon Steel Corporation**